

# nevir

**TELEVISOR DLED 28" (71,12cm) con TDT HD  
MODELO: NVR-7421-28HD-N**

---

## MANUAL DE INSTRUCCIONES



Por favor, lea estas instrucciones antes de utilizar su Televisor y guárdelas para referencia futura.

# CONTENIDOS

Medidas de seguridad importantes.....	3
1. Descripción del aparato.....	9
2. Mando a distancia.....	10
3. Conexión y preparación del televisor.....	12
4. Selección de fuente de entrada.....	14
5. Configuración por primera vez.....	15
6. Operación de Menú Principal.....	16
6.1 Menú de imagen.....	16
6.2 Menú de sonido.....	18
6.3 Menú de canal.....	20
6.4 Menú de sistema de bloqueo.....	23
6.5 Menú de configuración.....	24
7. Modo USB.....	28
7.1 Fotos.....	28
7.2 Música.....	28
7.3 Películas.....	29
7.4 Textos.....	29
8. Guía de resolución de problemas.....	30
9. Especificaciones Técnicas.....	32



## Medidas de seguridad importantes

Si desea utilizar el producto correctamente, lea atentamente este manual del usuario y almacénelo para futuras consultas. Si vende el aparato a alguien, por favor incluya toda la documentación, incluyendo este manual del usuario.

	El símbolo del rayo dentro de un triángulo equilátero indica que existe un voltaje peligroso en el interior de este aparato, lo que presenta un riesgo de lesiones por descarga eléctrica.
	El signo de exclamación en un símbolo de triángulo equilátero indica importantes instrucciones de operación o mantenimiento en la documentación del aparato.
Para reducir el riesgo de lesiones por descarga eléctrica, no quite la tapa (o la parte posterior) .No hay componentes dentro en la cual el usuario puede reparar. Todas las reparaciones y ajustes deben ser realizados en centros de servicio autorizados.	

### INSTRUCCIONES DE SEGURIDAD GENERALES

- Lea cuidadosamente este manual antes de utilizar el aparato. Siga las instrucciones contenidas en este manual del usuario.
- Tenga en cuenta todas las advertencias.
- Cumpla con todas las indicaciones.
- Utilice sólo los accesorios suministrados por el fabricante.

**\* CUALQUIER TIPO DE LLAMA NO DEBE SER SITUADA CERCA DEL aparato. Por ejemplo una vela encendida. NO SITUE objetos calientes u objetos CON LLAMA EN LAS INMEDIACIONES DEL APARATO. LAS ALTAS TEMPERATURAS PUEDEN derretir el plástico y provocar un incendio.**

- Utilice el aparato en ambientes templados.
- En ningún caso el fabricante o el proveedor del aparato asume la responsabilidad por cualquier daño directa o indirectamente causado por no adherirse a las instrucciones de instalación, configuración, uso, servicio o limpieza de este aparato tal y como se describe en este manual del usuario.
- Proteja el aparato contra golpes, caídas, sacudidas y contra las vibraciones, la humedad y polvo.
- Antes de permitir que los niños usen el aparato, deben ser informados apropiadamente conforme a su edad sobre el uso correcto y seguro del aparato.
- Si el aparato está equipado con un conector para auriculares, no utilice los auriculares establecidos con un volumen extremo. Hay un posible peligro de pérdida de audición.

## Procedimiento, instalación

- Instale el aparato de acuerdo a las instrucciones del manual del usuario.
- Deje espacio libre en todos los lados del aparato necesario para la circulación de aire. Con ello se elimina el calor creado durante la instalación y uso. Tapando las aberturas de ventilación el aparato puede sufrir un riesgo de sobrecalentamiento o daños en el producto. Es necesario asegurarse de que las aberturas de ventilación no estén bloqueadas, por ejemplo con un periódico, mantel, cortina, etc... Seguir las instrucciones de instalación en el manual del usuario.
- Este aparato no debe estar ubicado en una zona como una estantería o estante, y siempre con la ventilación suficiente según se siguen las instrucciones del fabricante.
- Nunca inserte ningún objeto en las ranuras de ventilación u otras aberturas, ya que podrían entrar en contacto con puntos de tensión peligrosa o provocar un cortocircuito en las piezas, lo que podría provocar un incendio o lesiones por descarga eléctrica. No vierta nunca ningún líquido en el aparato.
- No instale el aparato en lugares con luz solar directa o cerca de fuentes de calor, como calentadores, braseros, estufas u otros aparatos (incluyendo amplificadores) que producen calor. Las altas temperaturas reducen significativamente la vida útil de los componentes electrónicos en el aparato. No utilice ni deje el aparato en las proximidades de focos fuego.
- El aparato no debe ser expuesto al goteo de agua o líquidos u objetos llenos de agua no debe colocado encima del aparato, por ejemplo vasos. Proteger el aparato contra la lluvia, rocío o el contacto con cualquier otro líquido, no instale el aparato al aire libre. No utilice el aparato al aire libre. No le adhiera estas instrucciones ya que crea un riesgo de descarga eléctrica o incendio.
- No utilice este aparato cerca del agua.
- Maneje el panel de la pantalla y cubierta del aparato con sumo cuidado. La pantalla de cristal se puede romper y con el impacto puede causar lesiones graves.
- Asegúrese de que el cable de alimentación no es pisado o se comprime, en particular cerca del enchufe, la toma de corriente y en el punto donde sale del aparato o el enchufe de alimentación. El adaptador se utiliza como un dispositivo de desconexión y debe ser fácilmente accesible.
- Nunca utilice el aparato con un cable de alimentación o enchufe dañado. Si el cable de alimentación o el enchufe están dañados, apague el aparato, desconéctelo de la fuente de alimentación y contacte con un centro de servicio autorizado. Un cable de alimentación dañado o enchufe sólo podrán ser sustituidos por personal cualificado. Bajo ninguna circunstancia intente reemplazar el cable de alimentación o el enchufe por usted mismo.
- No trate de burlar las características de seguridad del enchufe de alimentación si usted no puede insertar en su toma de corriente, contacte con un electricista cualificado para reemplazar la vieja de toma de corriente.
- Antes de conectar el aparato a una fuente de alimentación, compruebe que la tensión en la toma de red corresponde a la tensión en la etiqueta de las características del aparato así como en su adaptador de corriente. Si no está seguro sobre el tipo de energía que se suministra en su hogar, pónganse en contacto con su proveedor o la compañía de energía y asegúrese.



- Antes de encender el aparato, compruebe que la conexión eléctrica se realiza correctamente y de acuerdo con las instrucciones del fabricante. Antes de conectar o cambiar la conexión, apague el aparato y desconéctelo de la red eléctrica.
- Recuerde siempre desconectar el enchufe de alimentación (adaptador) de la toma de corriente antes de desconectar el cable de alimentación de la parte trasera del aparato.
- Inserte el enchufe en una toma de corriente independiente. No sobrecargue la toma de corriente en clavijas múltiples o adaptador de varios enchufes. Existe riesgo de lesiones por descarga eléctrica.
- Al desconectar, sujete el cable de alimentación del enchufe y no por el propio cable.
- Desconecte el aparato de la toma de corriente cuando haya tormentas o si no va a utilizarlo durante periodos de tiempo largos.
- Evite mover el aparato de un ambiente frío a otro caliente y viceversa, o cuando el aparato ha sido usado en un ambiente muy húmedo. La humedad del aire puede condensarse en algunos componentes dentro de la caja del aparato y éste puede dejar de trabajar temporalmente. Si esto ocurre dejar el aparato en un lugar cálido y bien ventilado y esperar 1 - 2 horas hasta que se evapore la humedad, así el aparato puede ser utilizado de la manera habitual. Tenga especial cuidado durante el primer uso, inmediatamente después de su compra durante una temporada fría.
- No coloque el aparato sobre sitios, pedestales o soportes inestables. El aparato podría caerse y causar lesiones graves a niños o adultos, o podría verse seriamente dañado o dañar otros objetos. Utilice solamente el aparato en lugares, pedestales, o mesas estables o vendidas con el aparato. Cualquier montaje del aparato deberá llevarse a cabo de acuerdo con las instrucciones del fabricante y los accesorios de montaje recomendados por el fabricante son los que deben ser utilizados.
- No se apoye en el aparato, no se apoye sobre él. Protegerlo contra movimientos violentos y asegúrese de que los niños no jueguen con el aparato.



- Si utiliza un carrito o traspalé para mover el aparato, tenga cuidado al moverlo. Si se detiene de repente o hay superficies irregulares podría provocar que el carrito se vuelque con el aparato.
- Ni el fabricante ni el vendedor del aparato bajo ninguna condición se hace responsable de los daños directos o indirectos causados por que no cumplan con las instrucciones de instalación, configuración, uso, servicio o limpieza de este aparato como se describe en este manual del usuario.
- Proteja el aparato de ser golpeado, caído, o sacudido y contra las vibraciones, la humedad y el polvo.
- No exponga el aparato a temperaturas extremas y/o condiciones húmedas.

**Nota:**

Si el aparato está alimentado por un adaptador, utilice únicamente este adaptador y el cable de alimentación suministrado con el producto. No utilice clavijas defectuosas y compruebe que el enchufe esté insertado correctamente y que no esté suelto ya que podría originar un incendio. Contacte con un electricista cualificado para reemplazar cualquier elemento defectuoso.

**Nota:**

Conectar el aparato a una toma con conexión a tierra adecuada.

**Nota:**

Si va a instalar el aparato en una pared o en el techo, siga las instrucciones del fabricante que se encuentra en el manual del usuario del aparato.

## Reparaciones y mantenimiento

- Para evitar el riesgo de lesiones por descargas eléctricas o de incendio, no llevar el aparato a ambientes exteriores - no hay partes dentro de la caja reparable o ajustable por el usuario sin el equipo apropiado. Si el aparato requiere ajustes en la reparación, póngase en contacto con un servicio técnico oficial.
- En el caso de que ocurriese un imprevisto durante el uso del aparato, por ejemplo si hay extraños olores o sale humo del aparato, apague inmediatamente el aparato, desconecte el aparato de la fuente de alimentación y no utilice el aparato sin haber recibido los resultados de una inspección realizada por los empleados de un servicio técnico oficial.
- Lleve a cabo todas las reparaciones por personal cualificado. Las reparaciones son necesarias si el aparato tiene dañado de alguna manera, por ejemplo, el cable de alimentación, si algún líquido se vierte en el aparato, si objetos extraños han entrado en él, si el aparato ha sido expuesto a la lluvia o la humedad, si el aparato no funciona como de costumbre o si se ha caído.
- En caso de reparación o sustitución de una parte del dispositivo, asegúrese de que el técnico de mantenimiento utiliza componentes originales del fabricante o que estos componentes tienen las mismas especificaciones que los reemplazados. Si utiliza elementos no autorizados podría causar un peligro de incendio, así como lesiones por descargas eléctricas u otros peligros.
- Antes de limpiar, transportar o realizar cualquier tipo de mantenimiento, desconecte el enchufe de la fuente de alimentación.
- Limpiar el aparato solamente con un paño seco.
- Para la limpieza no utilice diluyentes u otros disolventes o productos de limpieza abrasivos, ni esponjas con lana de acero.

**Nota:**

- **No tire el aparato a la basura ordinaria de casa. Siga todas las leyes y reglamentos locales.**

## Mando a distancia y pilas

- No exponga el mando a distancia o las pilas a luz solar directa o cerca de fuentes de calor, como calentadores, braseros, estufas u otros aparatos (incluyendo amplificadores) que producen calor. Las altas temperaturas reducen significativamente la vida útil de los componentes electrónicos en el aparato. No utilice ni deje el aparato en las proximidades de focos fuego.
- Asegúrese de que el sensor no está expuesto a una fuente de luz intensa (por ejemplo la luz solar) o la luz fluorescente, lo que podría reducir la eficacia y fiabilidad del mando a distancia.



- Ni el mando a distancia ni las pilas puede estar expuesto al goteo de agua o líquidos u objetos llenos de agua no debe colocado encima del aparato, por ejemplo vasos. Proteger el aparato contra la lluvia, rocío o el contacto con cualquier otro líquido, no instale el aparato al aire libre. No utilice el aparato al aire libre. No le adhiera estas instrucciones ya que crea un riesgo de descarga eléctrica o incendio.
- No utilice este aparato cerca del agua.
- Es necesario prestar atención a los aspectos de impacto medioambiental de desecho de pilas.
- El uso incorrecto de las pilas puede causar fugas de electrolito y corrosión. Asegúrese de que el mando a distancia funciona correctamente, proceda de acuerdo con las siguientes instrucciones:
  - No inserte las pilas en el sentido de polaridad equivocada. No cargue, caliente, abra o las pilas.
  - No deje las baterías descargadas en el mando a distancia.
  - No mezcle distintos tipos de pilas o baterías nuevas y viejas.
  - Si no se va a utilizar el mando a distancia por un período largo de tiempo, quite las pilas para evitar posibles daños causados por fugas de la pila.
  - Si el mando no funciona correctamente o su radio de acción se reduce, cambie todas las pilas por otras nuevas.
  - Si hay fugas de electrolito en las pilas, cambie el mando en un servicio técnico oficial

**Atención:** Para evitar el peligro de incendio o por descarga eléctrica, no exponga este aparato a la lluvia o la humedad.

**Atención:** Las pilas no deben ser expuestas a un calor excesivo, por ejemplo, la luz del sol, focos de fuego, etc.



Este símbolo indica que el aparato tiene doble aislamiento entre la tensión de red peligrosa y las partes accesibles al usuario. En caso de reparaciones utilice únicamente idénticos repuestos originales.

## Notas sobre el conector USB:

Los dispositivos de memoria USB se deben insertar en el aparato directamente. Para prevenir la insuficiencia de transmisión de datos o su interferencia, no utilice de extensiones de cables USB. Las cargas electrostáticas pueden causar que el aparato se no funcione correctamente. En tal caso, el usuario debe reiniciar el aparato.

Antes de usar una unidad de USB compruebe su capacidad y que el aparato pueda leer datos así como la velocidad de escritura.

Para lograr la máxima velocidad de lectura se recomienda que se mantenga el espacio de disco desfragmentado. Use el sistema de archivos FAT32, una sola partición, sin necesidad de leer y escribir sin protección. Si en el dispositivo de memoria USB no es continua, algún efecto adversos puede aparecer como la pérdida de imagen parcial (distorsiones / efectos picado) o pérdida de imagen completa, defectos de audio, y en casos extremos la operación será detenida. Un comportamiento inesperado del dispositivo de memoria conectado, o la presencia de virus u otro software puede causar daños en las funciones del aparato o que deje de funcionar , haciendo necesario el reinicio del aparato.

El conector USB es del tipo estándar y está preparado para alimentar un dispositivo USB con un consumo elevado de datos (por ejemplo un disco duro HDD) .Use dispositivos con fuentes de alimentación independientes y así poder tener sus propias fuentes de alimentación.

El aparato fue diseñado para lograr la máxima compatibilidad con respecto a dispositivos de memoria. Con toda la variedad de dispositivos en el mercado que no es posible garantizar la compatibilidad con todos los dispositivos USB. En caso de dificultades trate de formatear la unidad flash directamente en el aparato. Si los problemas persisten, utilice una unidad de flash diferente.

**Debido a la amplia gama de dispositivos USB disponibles en el mercado no es posible garantizar la compatibilidad del aparato con todos los dispositivos USB.**

## Número de Serie del aparato

El número de serie del aparato es única e inequívoca identificación del aparato. Introduzca el número de serie de su aparato junto con otros detalles necesarios para la identificación definitiva de su aparato a continuación.

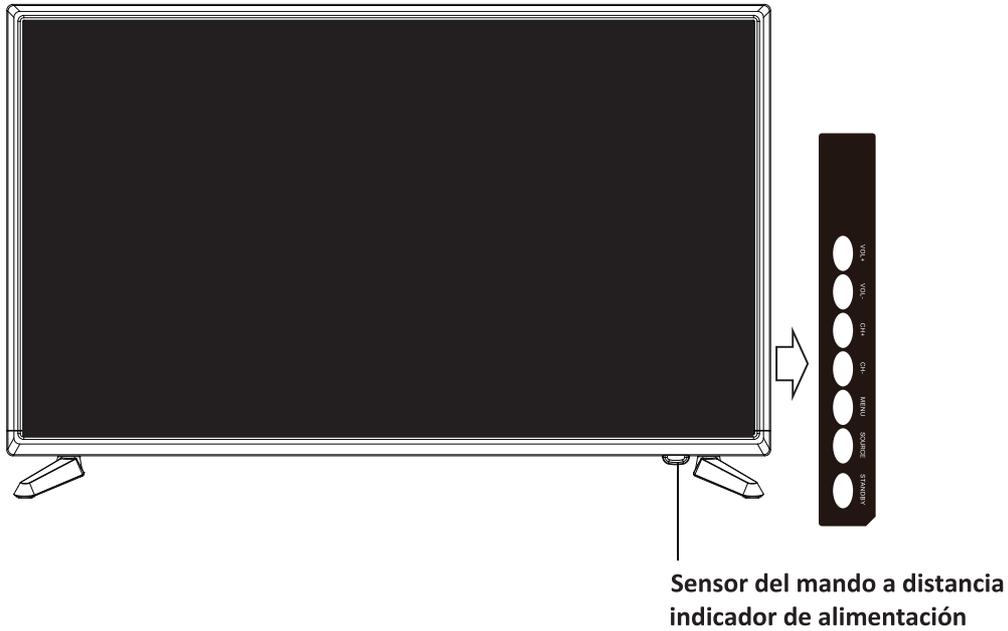
Número de Serie: \_\_\_\_\_ Fecha de compra: \_\_\_\_\_





# Descripción del aparato

## 1. Descripción del aparato



### Sensor del mando a distancia

Punto donde recibe las indicaciones del mando a distancia

### Indicador de alimentación

#### Botón VOL +/-

Presione para aumentar o disminuir el volumen. En el menú OSD aparece como flechas izquierda/derecha

#### Botón CH +/-

Presione para cambiar entre canales. En el menú OSD aparece como flechas arriba y abajo

#### Botón Menú

En el modo televisión para entrar y salir del menú

#### Botón SOURCE

Presione para seleccionar la fuente de entrada deseada

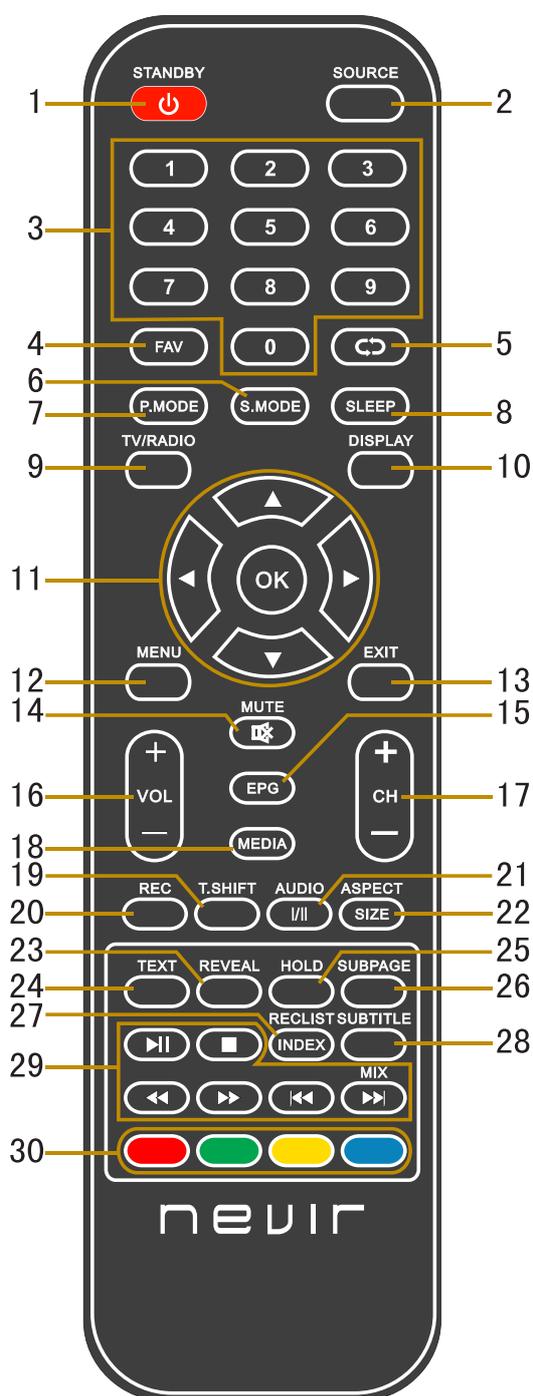
#### Botón MODO DE ESPERA

Cambia la televisión al modo pausa



# Mando a distancia

## 2. Mando a distancia



### 1. Botón STANDBY

Selecciona entre encendido y modo pausa.

### 2. Botón SOURCE

Seleccione la fuente de señal.

### 3. Botones numéricos 0-9

Selecciones directamente el canal de TV.

En el modo teletexto introduce los números de página etc...

### 4. Botón FAV

Seleccione en el modo TV para entrar y salir del modo favorito.

### 5. Botón ↶

Regresa al canal anterior

### 6. Botón S.MODE

Seleccione el modo de sonido

### 7. Botón P.MODE

Selecciona el modo imagen.

### 8. Botón SLEEP

Ajusta la desconexión automática de la TV.

### 9. Botón TV/RADIO

Cambia entre los modos TV y radio.

### 10. Botón DISPLAY

Muestra información de los canales y la fuente de señal.

### 11 Botones ▲/▼/◀/▶/OK

Se usan para navegar por el menú en la pantalla y para ajustar la TV de acuerdo a sus preferencias.

### 12. Botón MENU

En el modo TV entrar en el modo menú.

### 13. Botón EXIT

Salir del menú o de la operación.

### 14. Botón MUTE

Silenciar el sonido. Presiónelo de Nuevo para activarlo o presione la tecla VOL+.

### 15. Botón EPG

Presione para mostrar/esconder la guía de programas.

### 16. Botón VOL +/-

Presione para aumentar o disminuir el volumen.

### 17. Botones CH +/-

Presione para cambiar y subir o bajar el número de canal de TV.

### 18. Botón MEDIA

Presione para cambiar al modo USB.

### 19. Botón T.SHIFT

Se usa para grabar programas directamente. Esta función solo está disponible en el modo DTV.

# Mando a distancia

## 20. Botón REC

Pulse para empezar a grabar (solo en modo DTV).

## 21. Botón AUDIO

Modo DTV/MEDIA: selecciona un a sonido de fondo si está disponible.

Modo ATV:selecciona el modo de sonido :Estéreo/Dual I / Dual II/Mono.

Otras fuentes: seleccione el canal izquierdo / derecho.

## 22. Botón SIZE

Presione SIZE para cambiar el tamaño de la pantalla en el teletexto.

## 23. Botón REVEAL

Presione REVEAL para que aparezca o esconda la información del teletexto (depende de la emisión).

## 24. Botón TTX

Para entrar o salir del Teletexto.

Nota: La función del teletexto es opcional y la disponibilidad de los botones depende de cada modelo. La información del Teletexto depende completamente del operador del canal.

## 25. Botón HOLD

Congela una imagen actual del teletexto.

## 26. Botón SUBPAGE

Presione para entrar a una página interior del teletexto.

## 27. Botón RECLIST

Accedes a la lista de grabaciones.

## 28. Botón SUBTITLE

Botón que muestra u oculta los subtítulos en la parte inferior de la pantalla, si estuviesen disponibles.

## 29. Botones /MIX buttons

 : Inicio/Pausa, comienza la función T.Shift

 : Detiene la reproducción

  : Retroceso rápido

  : Avance rápido

  : Salta a la pista previa

  : Salta a la pista siguiente

MIX:La imagen de la TV y el teletexto se muestran simultáneamente en la pantalla.

## 30. Botones RED, GREEN, YELLOW, BLUE:

Corresponde a los diferentes colores de las funciones del menú o el teletexto.

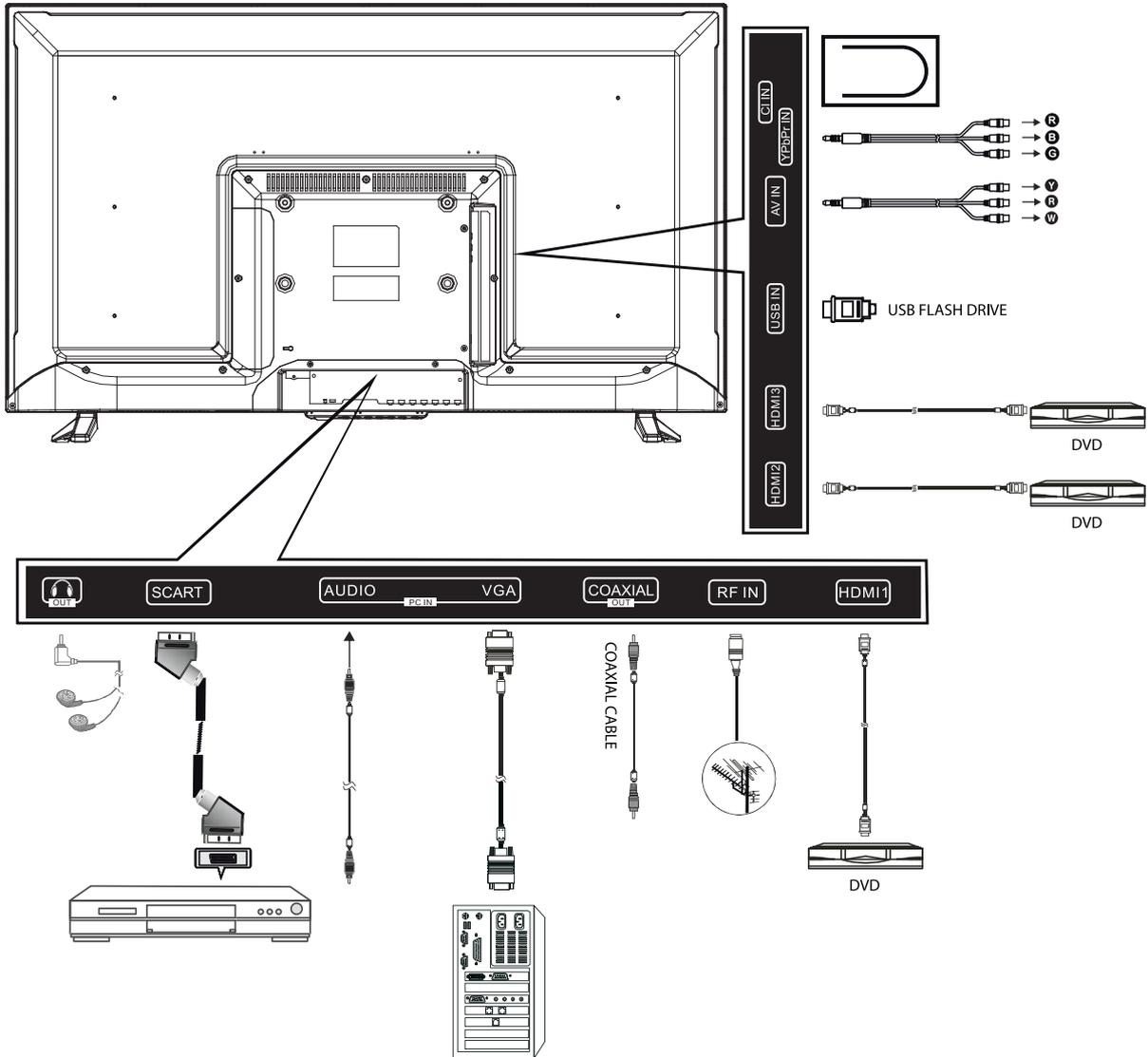
## Nota:

Retire las pilas del si va a almacenar el aparato o no lo va a usar durante un período prolongado de tiempo.

- Para controlar el aparato con el mando a distancia, apunte el mando hacia el aparato y pulse el botón con el botón de función. El radio de acción de los mandos a distancia es de hasta aproximadamente 5 metros con una desviación máxima de + / - 30 ° a partir de la dirección perpendicular al sensor de recepción. El fallo en las pilas reduce gradualmente el rango de acción. No debe haber obstáculos sólidos entre el mando y el aparato cuando el mando a distancia está funcionando
- Con un uso normal de las pilas, la vida útil para el mando a distancia es de aproximadamente 1 año. Si el alcance efectivo del mando a distancia se reduce sustancialmente o cuando hay problemas con su uso, cambie ambas las pilas en el mando a distancia. Si no va a utilizar el mando a distancia en un periodo de tiempo prolongado, saque las dos baterías - de esta manera se evitará el daño potencial causado por la fuga o derrame de la pila.
- Evitar que luces fuertes se proyecten sobre el aparato, (Por ejemplo la luz solar, lámparas fluorescentes, o bombillas ecológicas fuerte), lo que podría reducir la eficacia y la fiabilidad del mando a distancia por infrarrojos.

# Conexiones e instalación

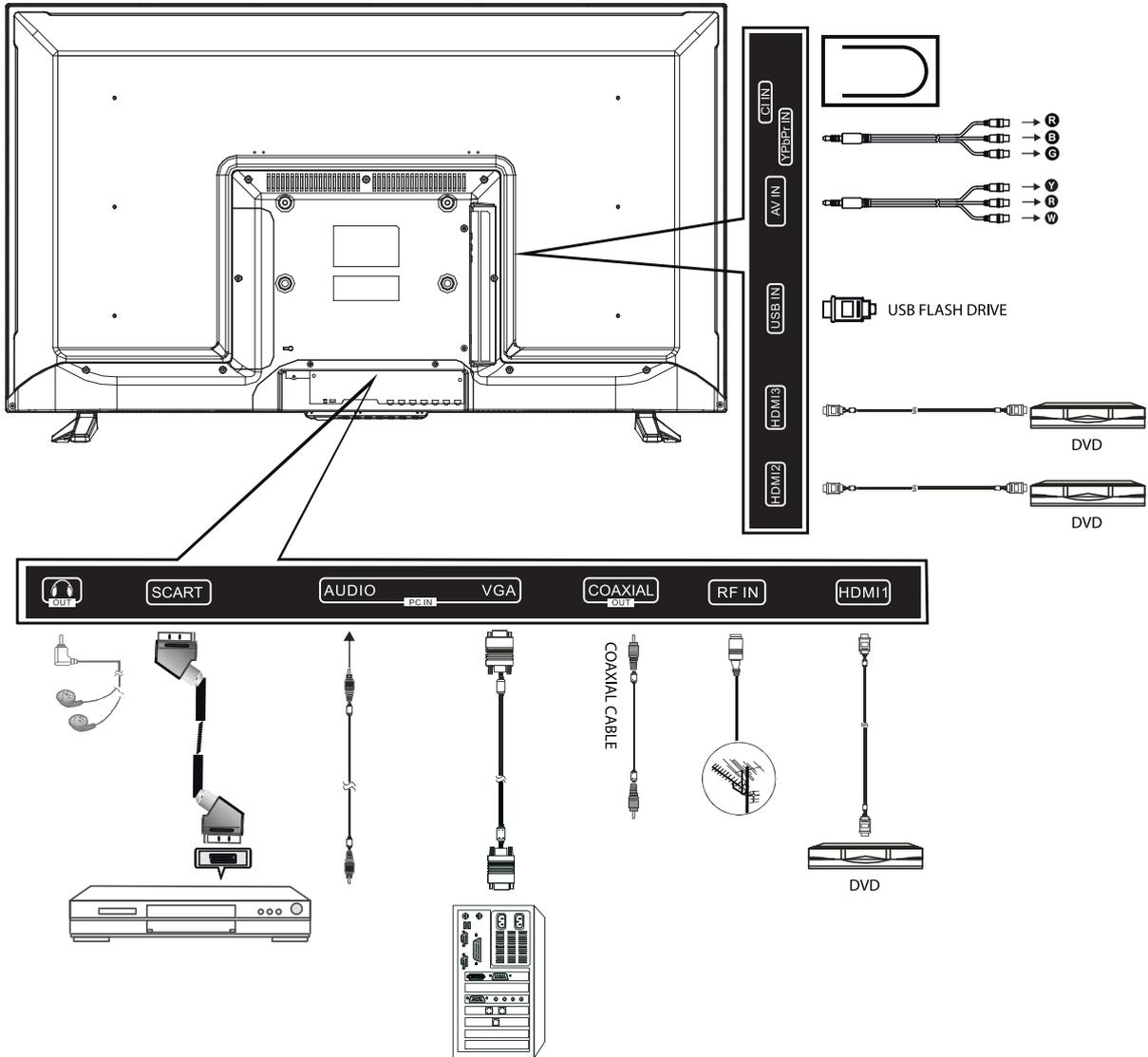
## Conexiones e instalación



- Y Video (Amarillo AV)
- R Audio Derecha(Roja AV)
- W Audio izquierda (Blando AV)
- G Componente Y (verde)
- B Componente Pb (azul)
- R Componente Pr (roja)

# Conexiones e instalación

## Conexiones e instalación



- Y Video (Amarillo AV)
- R Audio Derecha(Roja AV)
- W Audio izquierda (Blando AV)
- G Componente Y (verde)
- B Componente Pb (azul)
- R Componente Pr (roja)

# Conexiones e instalación

## Instalación de cables

Por favor, lea atentamente todo el manual del usuario antes de la instalación y operación.

1. Saque la televisión del embalaje y colóquelo sobre una superficie plana rígida.

### Nota:

Antes de conectar y desconectar un televisor, ordenador o en otros dispositivos, es necesario comprobar que el cable de alimentación está desconectado. Cuando desconecte los cables de alimentación o de señales, sujete el cable por el extremo, y no tire directamente del cable.

2. Un conector de antena IEC se puede conectar con el conector de entrada de televisión VF.

3. El conector AV de salida de DVD se puede conectar con la salida AV del televisor mediante un cable AV.

4. Conecte el extremo del cable VGA al puerto VGA del ordenador y el otro extremo de la cable VGA al puerto VGA en la televisión y en ambos extremos apretar los tornillos en la dirección de las agujas del reloj.

### Nota:

Al conectar el conector VGA de 15 pines, no aplique una fuerza excesiva con el fin de no dañar los pines individuales

5. Conecte un extremo del cable HDMI al dispositivo HDMI y el otro extremo del cable HDMI a la TELEVISIÓN.

### Nota:

Cuando conecte los cables HDMI asegúrese de la orientación correcta y no ejerza una fuerza excesiva a fin de no dañar los pines individuales.

6. Comprobar que todos los cables AV están insertados correctamente en los puertos correspondientes.

7. Para estos conectores conecte la entrada o salida al conector SCART del dispositivo.

8. Conectar la toma de corriente al cable de alimentación con un voltaje de 100 V - 240V.

### Nota:

El rango de tensión de alimentación permitida para este televisor es 100 V - 240 V ~ 50/60 Hz. No conecte el televisor a una fuente de energía fuera de este rango.

Al conectar y desconectar el cable de alimentación, sujete el enchufe de la parte aislada y no toque las partes metálicas del enchufe.

## Selección de Fuente de Entrada

### 4. Selección de fuente de entrada

Pulse el botón de **FUENTE** para mostrar la lista de fuentes de entrada,  
Pulse ▼/▲ o el botón de **FUENTE** para seleccionar la fuente de entrada que desea,  
Pulse el botón de **ENTRAR** para introducir la fuente de entrada,  
Pulse el botón de **SALIDA** para salir.





# Primera Configuración

## 5. Primera configuración

Conecte el cable RF desde la entrada de la Televisión llamada "RF-In" y a la toma aérea de su televisión.

### Lenguaje de OSD

Pulse el botón ◀/▶ para seleccionar el lenguaje que se utilizará para los menús y mensajes.

### Modo Configuración de País

Pulse el botón ◀/▶ para seleccionar el país que desee.

### Tipo de sintonizador

Pulse el botón ◀/▶ para seleccionar el modo.

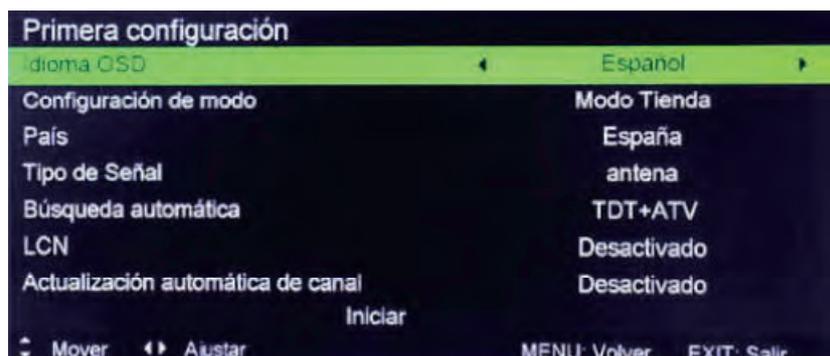
Pulse el botón ◀/▶ para seleccionar Antena (TDT) o cable (DVB-C).

### Escáner Auto

Pulse el botón ◀/▶ para seleccionar el modo: **TDT+ATV, TDT, ATV**

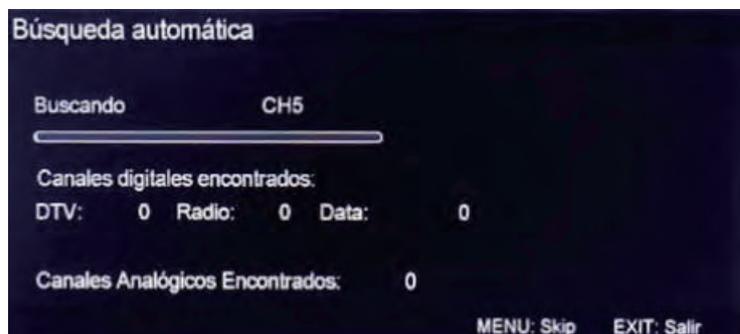
### Actualización de Canales Automática

Pulse el botón ◀/▶ para seleccionar: **ENCENDIDO, APAGADO**



### Sintonización automática de estado

Primera sintonización digital , pulse el botón de Menú para saltar sintonización digital, Segunda sintonización analógica, pulse el botón de Menú para detener la sintonización automática.



# Operaciones del Menú Principal

## 6. Operación de Menú Principal

### 6.1

#### Menú de Imagen

Pulse el botón de **MENÚ** para mostrar el menú principal.

Pulse el botón ◀/▶

para seleccionar la **IMAGEN** en el menú principal, luego pulse **ENTRAR** / ▼ para entrar.



1. Pulse ▼ / ▲ para seleccionar la opción que desea ajustar en el menú de **IMAGEN**.
2. Pulse el botón de **Entrar** / ◀/▶ para ajustar.
3. Después de terminar el ajuste, pulse el botón de **MENÚ** para guardar y volver de nuevo al menú anterior

#### **MODO DE Imagen**

Pulse el botón ▼/▲ para seleccionar el Modo de Imagen, luego pulse el botón ◀/▶ para seleccionar.

(El modo de imagen disponible: Estándar, Suave, Personal, Dinámico).

CONSEJOS: Puede pulsar **PMODE** para cambiar el modo de imagen directamente.

#### **Brillo / Contraste / Nitidez / Saturación / Matiz**

Pulse el botón ▼/▲ para seleccionar la opción, luego pulse el botón ◀/▶ para ajustar.

**Brillo** Ajuste la salida de la percepción visual de toda la imagen, que afectará a la luminosidad de la imagen.

**Contraste** Ajuste la intensidad más destacado de la foto, pero la sombra de la imagen es invariable.

**Nitidez** Ajuste el pico en el detalle de la imagen.

**Saturación** Ajuste la saturación del color en base a su propio estilo.

**Matiz** Utilice para compensar el color cambiado con la transmisión en el modo NTSC

#### **Temperatura de color**

Cambie el elenco de color general de la imagen

Pulse el botón ▼/▲ para seleccionar la Temperatura de color, luego pulse el botón ◀/▶ para seleccionar Estándar / Fría / Calida.

Estándar Produce una imagen vívida.

Fría Produce una imagen azul en tonos suaves.

Calida Produce una imagen rojiza.

#### **Relación de aspecto**

Utilice los botones para seleccionar la proporción de la imagen.

**Auto (Automático)** Ajuste automático de la proporción en función del tamaño de la TV y el programa que se está emitiendo.

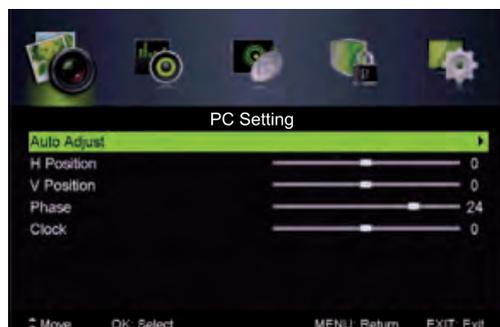
**Completo/ 4:3 / Zoom 1 / Zoom 2** Seleccione dependiendo del formato recomendado.

# Operaciones del Menú Principal

## Ajustes PC (configuración de PC)

Pulse el botón INPUT y seleccione PC.

Pulse el botón MENU para entrar en el menú principal, a continuación, utilizar los Botones <> para seleccionar la imagen. Pulse el botón OK para entrar en el menú y luego use el botón “v” para seleccionar Ajustes de PC (Configuración de PC).



<b>Ajuste automático:</b>	Pulse el botón MENU para ajustar automáticamente la posición de imagen óptima.
<b>Posición H:</b>	Ajusta la posición horizontal de la imagen
<b>Posición V:</b>	Ajusta la posición vertical de la imagen
<b>Posición V:</b>	Ajusta la posición vertical de la imagen
<b>Fase:</b>	Distorsión horizontal mínima
<b>Reloj:</b>	Distorsión vertical mínima

## Modo Pantalla

Utilice los botones .....para seleccionar el modo HDMI, a continuación, utilice los botones .....para seleccionar Auto (Automático), Vídeo (Vídeo) o PC (ordenador). Estas opciones sólo están disponibles en el modo HDMI.

## Configuración Avanzada

Ajustar las características avanzadas de video para sintonizar la imagen.

Pulse los botones ▼ / ▲ para seleccionar los ajustes avanzados, luego pulse Ok / para acceder al submenú.



## NR (Reducción de sonido)

Configure las opciones para reducir el ruido de las imágenes.

Pulse el Botón ▼/▲ para seleccionar NR, entonces pulse los botones..... para seleccionar el modo.

<b>Apagado:</b>	Seleccionar para apagar la reducción de ruido de vídeo.
<b>Débil:</b>	Detección y reducción de ruidos débiles.
<b>Mediano:</b>	Detección y reducción de ruidos medios.
<b>Fuerte:</b>	Detección y reducción de ruidos fuertes.

## Contraste Dinámico

Para los ajustes automáticos de detalle de brillo Utilice los botones..... para seleccionar Contraste dinámico y los botones ..... para seleccionar el modo deseado. Las siguientes opciones son las disponibles: Off (Apagado), débil, Medio , Fuerte

# Operaciones del Menú Principal

## 6.2 Menú de Sonido

Pulse el botón MENÚ para mostrar el menú principal.

Pulse el botón para seleccionar **SONIDO** en el menú principal, luego pulse **Ok / ▼** para entrar.



1. Pulse ▼ / ▲ para seleccionar la opción que desea ajustar en el menú de **SONIDO**.
2. Pulse Entrar / ◀ / ▶ para ajustar.
3. Después de terminar el ajuste, pulse el botón **MENÚ** para guardar y volver de nuevo al menú anterior

### Modo de Sonido

Pulse el botón ▼ / ▲ para seleccionar el modo de sonido, luego pulse el botón ◀ / ▶ para seleccionar. (Modo de sonido disponible: Estándar, Película, Música, Personal).

### Agudos / Graves / Balance

Pulse el botón ▼ / ▲ para seleccionar la opción, luego pulse el botón ◀ / ▶ para ajustar.

**Agudos** Ajuste el efecto de agudos. Aumenta o disminuye los sonidos agudos.

**Graves** Ajuste el efecto de agudos. Aumenta o disminuye los sonidos de graves.

**Balance** Ajuste el balance entre los altavoces izquierdo y derecho para adaptarse a la posición de escucha.

### Sonido Envolvente

Pulse el botón ▼ / ▲ para seleccionar el Sonido Envolvente, a continuación, pulse el botón ◀ / ▶ para seleccionar ENCENDIDO o APAGADO.

### Ajuste de EQ

Ajustar la curva de 7 bandas de ecualizador.

Pulse el botón ▼ / ▲ para seleccionar Configuración de EQ, a continuación, pulse el botón Entrar / ▶ para acceder al submenú.



### Modo EQ (Modo Equalizador)

Utilice los botones ..... para seleccionar el modo EQ (modo de ecualizador) y utilizar los botones.... Para seleccionar este modo.

Las siguientes opciones están disponibles: Off (Apagado), Rock (música Rock), Pop (música pop), Jazz (música de jazz), Usuario.

## Operaciones del Menú Principal

### AVL

Reduce automáticamente los cambios de volumen repentinos, por ejemplo, al cambiar entre los canales. Pulse el botón ▼/▲ para seleccionar AVL, luego pulse el botón ◀ / ▶ para seleccionar Encendido o Apagado.

### SPDIF

Pulse el botón ▼/▲ para seleccionar la salida digital, a continuación, pulse el botón ◀ / ▶ para seleccionar Auto / Apagado / PCM.

### Descripción de Audio

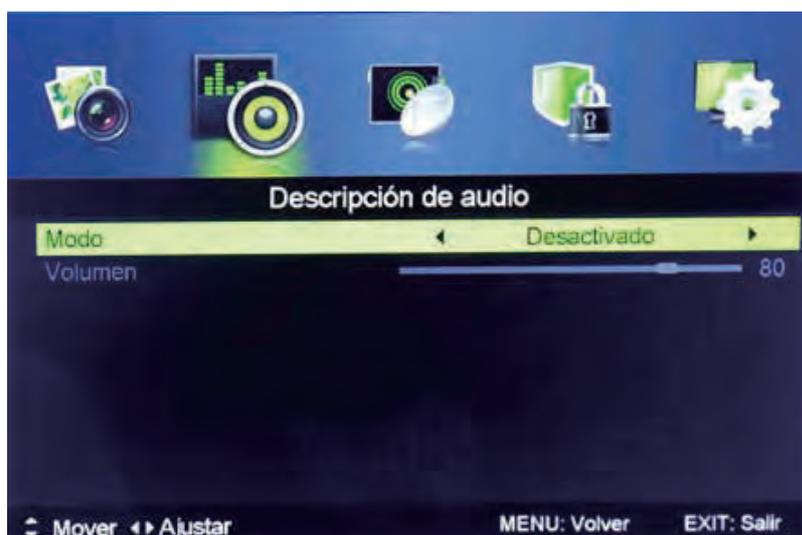
Pulse el botón ▼/▲ para seleccionar la Descripción de Audio, a continuación, pulse el botón **Entrar** / para acceder al submenú.

Usted podrá cambiar la descripción del audio entre el modo (Activado) y (Desactivado) y ajustar la proporción del volumen de una pista de audio standard.

### Nota:

La descripción de audio es establecida por la emisión de la cadena de TV emisora.

Encuentre cuales canales de TV tienen descripciones de audio disponibles.



### Modo

Pulse el botón ▼/▲ para seleccionar el **Modo**, luego pulse el botón ◀ / ▶ para seleccionar Encendido o Apagado.

Cuando el modo está Encendido, el volumen se pueden ajustar por los usuarios.

### Tipo de sonido

Pulse el botón ▼/▲ para seleccionar el Tipo de Sonido, entonces pulse botón ◀ / ▶ para seleccionar. (Tipo de Sonido Disponible : Estéreo, Dual I, Dual II, Mixto).

# Operaciones del Menú Principal

## 6.3 Menú de Canal

Pulse el botón **MENÚ** para mostrar el menú principal.

Pulse el botón para seleccionar **CANAL** en el menú principal, luego pulse **ENTRAR /** para entrar.



1. Pulse **▼ / ▲** para seleccionar la opción que desea ajustar en el menú de CANAL.

2. Pulse el botón de **Entrar** para acceder al submenú.

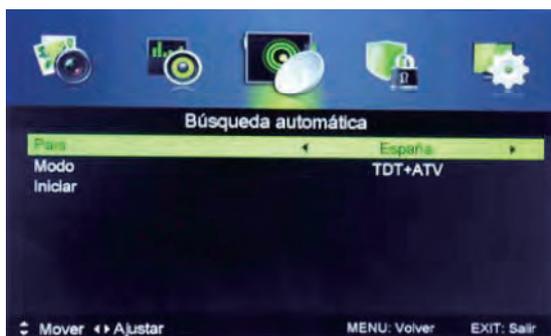
3. Pulse el botón de **MENÚ** para volver de nuevo al menú anterior.

### Tipo de sintonizador

Pulse el botón **▼ / ▲** para seleccionar sintonizador, luego pulse el botón **◀ / ▶** para seleccionar Antena o Cable.

### Búsqueda automática

Pulse el botón **▼ / ▲** para seleccionar Escáner automático, luego pulse el botón **◀ / ▶** para entrar al submenú.



### País

Pulse el botón **◀ / ▶** para seleccionar el país.

### Modo

Pulse el botón **◀ / ▶** para seleccionar el modo: **TDT+ATV, TDT, ATV**

### Tipo de Escáner

Pulse el botón **◀ / ▶** para seleccionar el Tipo de Escáner: **Avanzada, Rápida, Completa.**

### ID de Red

Pulse el botón **◀ / ▶** para seleccionar el ID de Red.

### Frecuencia

Pulse el botón **◀ / ▶** para seleccionar la Frecuencia.

### Tasa de símbolo

Pulse el botón **◀ / ▶** para seleccionar la **Tasa de Símbolo.**

### Inicio

Pulse **Entrar /** para iniciar la búsqueda automática.

Se buscará canales digitales primero, luego los canales analógicos.

Antes de ejecutar la búsqueda automática de canales, por favor confirme su tipo de antena es la Antena o Cable.

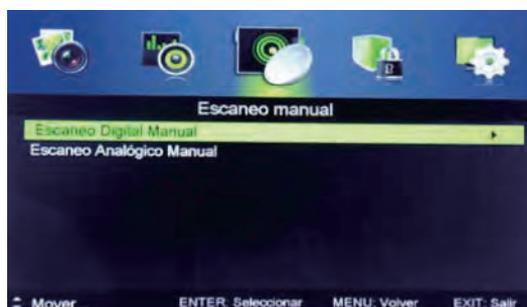
Ajuste incorrecto del Tipo de Señal causará encontrar ningún canal.

# Operaciones del Menú Principal

## Búsqueda Manual

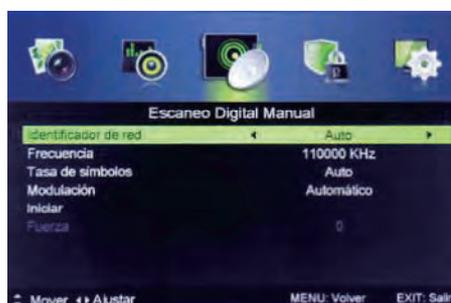
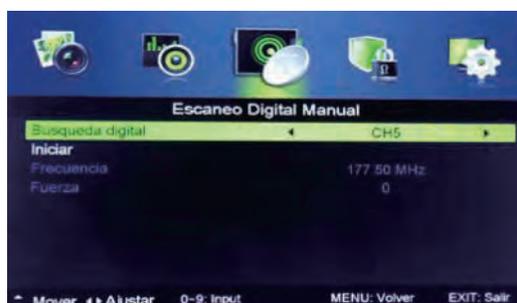
Busca los canales manualmente.

Pulse el botón ▼/▲ para seleccionar el Escáner Manual, a continuación, pulse el botón Entrar / ► para acceder al submenú.



## Búsqueda Manual Digital

Pulse el botón ▼/▲ para seleccionar el Escáner Manual Digital, a continuación, pulse el botón Entrar / ► para acceder al submenú.



**ID de Red** Pulse el botón ◀ / ▶ para seleccionar el ID de Red.

**Frecuencia** Pulse el botón ◀ / ▶ para seleccionar la Frecuencia.

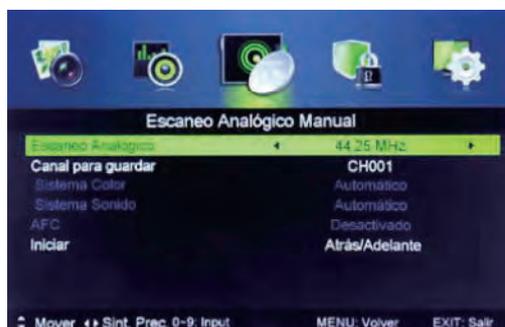
**Tasa de símbolo** Pulse el botón ◀ / ▶ para seleccionar la Tasa de símbolo.

**Modulación** Pulse el botón ◀ / ▶ para seleccionar la Modulación:  
Auto, 16QAM, 32QAM, 64QAM, 128QAM, 256QAM.

**Inicio** Pulse Entrar / ► para iniciar la búsqueda automática.

## Escáner Manual Analógico

Pulse el botón ▼/▲ para seleccionar el Escáner Manual Analógico, a continuación, pulse el botón Entrar / ► para acceder al submenú.



# Operaciones del Menú Principal

**Escáner Analógico** Pulse el botón ◀ / ▶ para seleccionar el Escáner Analógico.

**Canal para Guardar** Pulse el botón ◀ / ▶ para seleccionar la Canal para Guardar.

**Sistema del Color** Pulse el botón ◀ / ▶ para seleccionar el Sistema del Color :Auto,PAL ,SECAM

**Sistema del Sonido** Pulse el botón ◀ / ▶ para seleccionar el Sistema del Sonido: Auto,DK,BG,I,Lo L'.

## AFC (Control de Frecuencia Automática)

Pulse el botón ◀ / ▶ para seleccionar Encendido o Apagado.

## Inicio

Pulse Entrar / ▶ para iniciar la búsqueda de canales

## Editar Canales

Pulse el botón ▼/▲ para seleccionar la Edición de Canales, luego pulse el botón Entrar / ▶ para acceder al submenú.



Las cuatro teclas de colores son la tecla de acceso directo para la programación del canal.

Primero pulse ▼ / ▲ para resaltar el canal que desea eliminar o mover o saltar o cambiar el nombre, entonces:

-Pulse el **botón rojo** para eliminar o borrar el canal.

-Pulse el **botón verde** para saltar la selección de canales .

- (Su televisión se saltará el canal automáticamente cuando se utiliza CH +/- para ver los canales.)

-Pulse el **botón azul** para configurar el canal al estado del movimiento. luego pulse ▼ / ▲ para moverlo a la posición que desea poner.

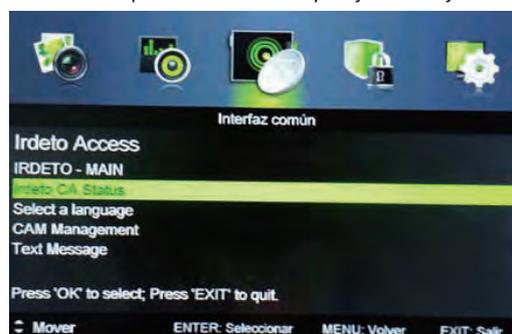
## Gestión de favoritos

Pulse los ▼ / ▲ para seleccionar la gestión de favoritos, después presione Ok para acceder al submenú.

## Interfaz común

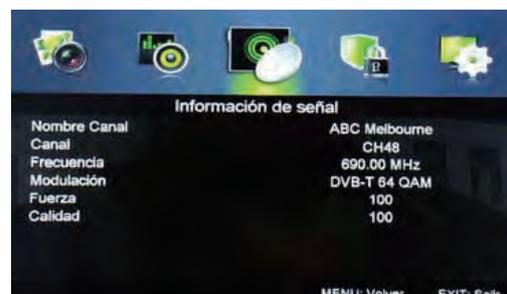
Pulse el botón ▼/▲ para seleccionar la Interfaz común, luego pulse el botón **Entrar** para entrar al submenú.

Sólo está disponible cuando hay tarjeta CI bajo DTV.



## Información de señal

Pulse el botón ▼ / ▲ para seleccionar la Información de señal, luego pulse el botón **Entrar** para ver la información detallada acerca de la señal. Sólo está disponible cuando hay señal bajo DTV.

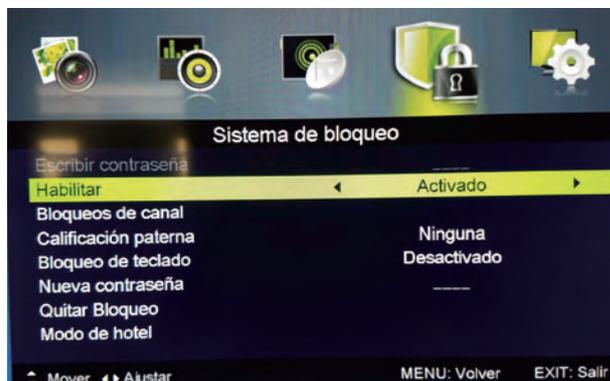


# Operaciones del Menú Principal

## 6.4 Menú de Sistema de bloqueo.

Pulse el botón **MENÚ** para mostrar el menú principal.

Pulse el botón ◀ / ▶ para seleccionar el sistema de bloqueo en el menú principal, luego pulse **ENTRAR / ▼**



1. Pulse ▼/▲ para seleccionar la opción que desea ajustar en el menú **PARENTAL**.

2. Pulse el botón **ENTRAR / ◀ / ▶** para ajustar.

3. Después de terminar el ajuste, pulse el botón **MENÚ** para guardar y volver al menú anterior. La contraseña por defecto es 0000, y si se olvida lo que se propuso, por favor llame al centro de servicio.

### Habilitar

Pulse ▼/ ▲ para seleccionar Habilitar, luego pulse el botón ◀ / ▶ para seleccionar Encendido o Apagado.

**Bloqueo del Canal, Clasificación Parental y Bloqueo de Teclado** están disponibles cuando la función se ha habilitado previamente.

### Bloqueo del Canal

Pulse el botón ▼/▲ para seleccionar el Bloqueos del Canal, luego pulse el botón Entrar / ▶ para entrar al submenú



### Clasificación Paterna

Pulse ▼/▲ para seleccionar la Clasificación Parental, luego pulse el botón ◀ / ▶ para seleccionar

### Bloqueo de Teclado

Ajuste a evitar que sea utilizado por niños pequeños, u otro uso inesperado.

Pulse ▼/▲ para seleccionar el Bloqueo de Teclado, luego pulse el botón ◀ / ▶ para seleccionar Encendido o Apagado.

### Contraseña Nueva

Pulse el botón ▼/▲ para seleccionar Contraseña Nueva , luego introduzca un número de 4 digital que desea configurar dos veces.

### Quitar Bloqueo

Pulse el botón ▼/▲ para seleccionar Bloqueo Claro , luego pulse **Entrar/** botón para entrar.

### Modo Hotel:

Pulse el botón ▼/▲ para seleccionar Modo Hotel.

# Operaciones del Menú Principal

## Activar Modo Hotel

Pulse sobre los botones ▼/▲ para seleccionar “Activar Modo Hotel”, luego presione los botones ◀ / ▶ para seleccionar on/off.

## Max. Volumen

Pulse sobre los botones ▼/▲ para seleccionar “Max. Volumen”, luego presione los botones ◀ / ▶ para ajustarlo.

## Volumen por defecto

Pulse sobre los botones ▼/▲ para seleccionar “Volumen por defecto”, luego presione los botones ◀/▶ para ajustarlo.

## Bloqueo de entrada

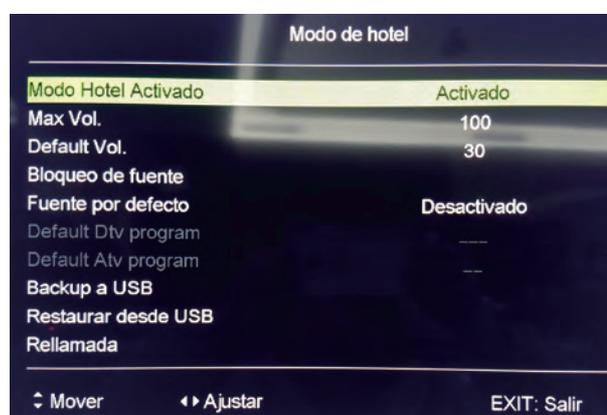
Pulse sobre los botones ▼/▲ para seleccionar “Bloqueo de entrada”, luego presione el botón OK para entrar en el sub.menú.

## Valores por defecto / Programas DTV por defecto / Programas ATV por defecto

Pulse sobre los botones ▼/▲ para seleccionar “Valores por defecto / Programas DTV por defecto / Programas ATV por defecto”, luego presione los botones ◀/▶ para ajustar.

## Backup desde el USB / Restaurar desde el USB / Desactivar

Pulse sobre los botones ▼/▲ para seleccionar “Backup desde el USB / Restaurar desde el USB / Desactivar”, luego presione el botón OK para ajustar



## 6.5 Menú de Configuración

Pulse el botón **MENÚ** para mostrar el menú principal.

Pulse el botón ◀ / ▶ para seleccionar la **CONFIGURACIÓN** en el menú principal, luego pulse ENTRAR / ▼ para entrar.

1. Pulse ▼/▲ para seleccionar la opción que desea ajustar en el menú de **CONFIGURACIÓN**.
2. Pulse el botón ENTRAR / ◀ / ▶ para ajustar.
3. Después de terminar el ajuste, pulse el botón **MENÚ** para guardar y volver al menú anterior.

### Lenguaje de OSD

Pulse ▼/▲ para seleccionar el lenguaje de OSD, luego pulse el botón ◀ / ▶ para seleccionar

### Lenguaje de Audio

Pulse el botón ▼/▲ para seleccionar el lenguaje de Audio, luego pulse el botón **Entrar** para entrar al submenú.

Pulse el botón ▼/▲/ ◀ / ▶ para seleccionar el Lenguaje de Audio Principal y Lenguaje de Audio Secundario.

### Subtítulo

Seleccione un lenguaje de subtítulos se pueden mostrar. Por defecto Inglés se selecciona como subtítulo

Pulse el botón ▼/▲ para seleccionar el Subtítulo, luego pulse el botón **Entrar** para entrar al submenú.

# Operaciones del Menú Principal

## Modo

Pulse el botón ▼/▲ para seleccionar el **Modo**, luego pulse el botón ◀/▶ para seleccionar Encendido o Apagado.  
Pulse el botón ▼/▲/◀/▶ para seleccionar el Lenguaje de Audio Principal y Lenguaje de Audio Secundario.

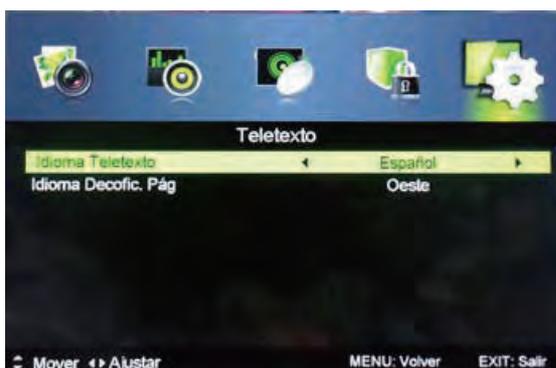
## Impedimento auditivo

Pulse el botón ▼/▲ para seleccionar el Impedimento auditivo, luego pulse el botón ◀/▶ para seleccionar Encendido o Apagado.

## Teletexto

Ajustar la configuración del teletexto. Sólo está disponible bajo la fuente de TDT y de ATV.

Pulse el botón ▼/▲ para seleccionar el Teletexto, luego pulse el botón **Entrar/** para entrar al submenú.



Bajo el modo DTV, pulse el botón ◀/▶ para seleccionar Lenguaje Teletexto Digital .

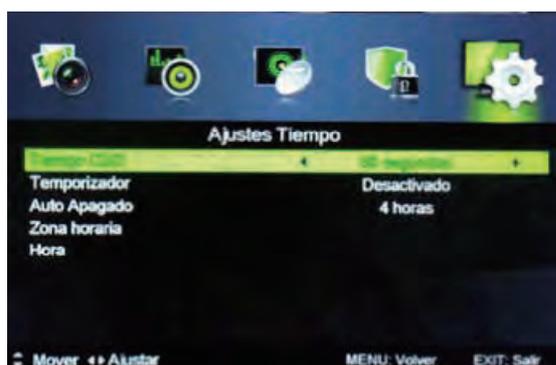
Bajo el modo ATV, pulse el botón ◀/▶ para seleccionar Lenguaje de Página de Decodificación.

## Pantalla Azul

Pulse el botón ▼/▲ para seleccionar Pantalla azul, luego pulse el botón **Entrar/** para entrar al submenú.

## Configuración de tiempo

Pulse el botón ▼/▲ para seleccionar la Configuración del Tiempo, luego pulse el botón **Entrar/** para entrar al submenú.



# Operaciones del Menú Principal

## Tiempo de OSD

Pulse ▼/▲ para seleccionar el Tiempo de OSD, luego pulse el botón ◀ / ▶ para seleccionar.  
(Tiempo de OSD Disponible: Apagado, 10 segundos, 20 segundos, 30 segundos, 60 segundos).

## Temporizador de Apagado

Establecer un temporizador para la televisión se apague automáticamente.

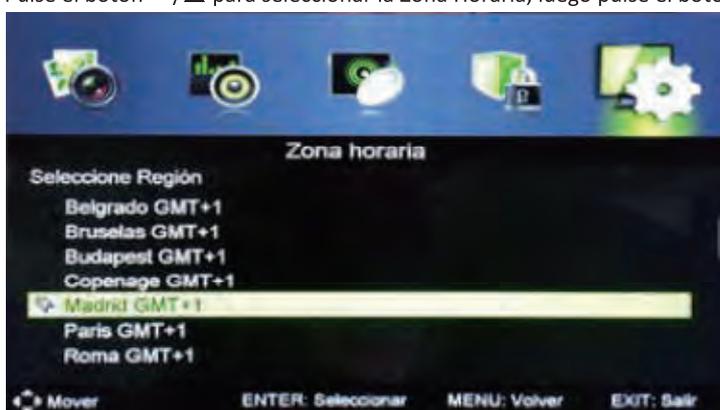
Pulse ▼/▲ para seleccionar el Temporizador de apagado, luego pulse el botón ◀ / ▶ para seleccionar.  
(Temporizador de Apagado Disponible: Encendido, 5 minutos, 15 minutos, 30 minutos, 60 minutos, 90 minutos, 120 minutos, 240 minutos)

**AUTO APAGADO** Pulse ▼/▲ para seleccionar el **Sueño Automático**, luego pulse el botón ◀ / ▶ para seleccionar Encendido, 3 horas, 4 horas o 5 horas.

## Zona Horaria

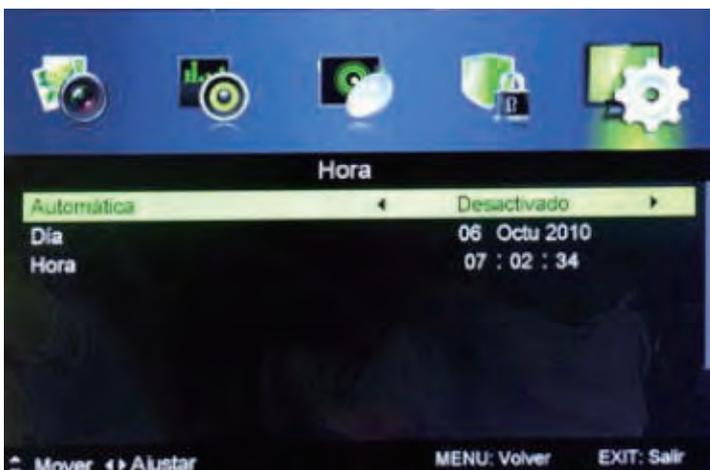
Seleccione su zona horaria.

Pulse el botón ▼/▲ para seleccionar la Zona Horaria, luego pulse el botón **Entrar/** para entrar al submenú.



## Hora

Pulse el botón ▼/▲ para seleccionar Hora, luego pulse el botón **Entrar/** para entrar al submenú.



Ajuste de sincronización automática en Apagado, abra el temporizador de Encendido/Apagado en Encendido, entonces usted puede ajustar la hora manualmente

**Nota:** En el caso de pérdida de poder, se perderá el ajuste del reloj.

# Operaciones del Menú Principal

## Configuración de PVR

Pulse el botón ▼/▲ para seleccionar la Configuración de PVR, luego pulse el botón **Entrar** para entrar al submenú.

Se analizará el dispositivo USB.



## Primera Configuración

Pulse el botón ▼/▲ para seleccionar la Configuración por Primera Vez, luego pulse el botón Entrar para Entrar al submenú.

La contraseña por defecto es "0000"

## Restablecer

Pulse el botón ▼/▲ para seleccionar el Reajuste, luego pulse el botón Entrar / ► para entrar al submenú. Si está seguro de restablecer, pulse Sí para reajustar.

## Menú de EPG

Pulse el botón EPG I para entrar el menú de EPG.

## Nota:

La información del menú EPG depende del operador que emite el canal.

## ATV /SCART/ /HDMI /AV / YPbPr

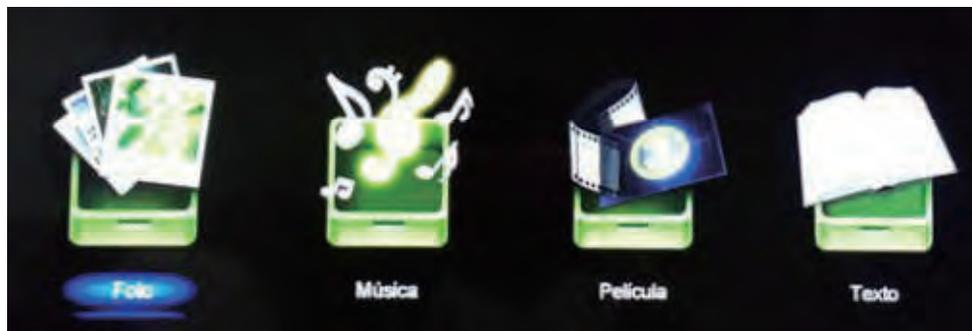
1. Ajustes de PC, en el menú Imagen sólo está disponible en el modo PC Modo. Pantalla en el menú Imagen sólo está disponible en el modo de entrada HDMI
2. Descripción de Audio y Tipo de Sonido en el menú del SONIDO no es válida.
3. Modo de SCART/AV/YPbPr/HDMI no tiene menú de CANAL.
4. Clasificación Parental y Bloqueo del Canal en el menú de BLOQUEO es inválido para modo de SCART/HDMI/AV/YPbPr. La Clasificación Parental es válida para el modo de ATV.
5. Configuración de Lenguajes de Audio, Subtítulos y PVR en la opción de CONFIGURACIÓN son inválidos para el modo de SCART / AV / DVD. Configuración de Lenguajes de Audio, Subtítulos, Teletexto y PVR en la opción de configuración son inválidos para el modo de HDMI / YPbPr.

# Control USB

## 7. MODO USB

Nota: Antes de operar el menú de **USB**, inserte el dispositivo de USB, luego pulse el botón de **FUENTE** para establecer la Fuente de Entrada a **USB**.

Pulse el botón ◀ / ▶ para seleccionar **USB** en el menú de Fuente, luego pulse el botón **Entrar** para entrar.



Pulse ◀ / ▶ para seleccionar la opción que desea ajustar en el menú de USB principal, luego pulse el botón **Entrar** para entrar.

### 7.1 Foto

Pulse el botón ◀ / ▶ para seleccionar FOTO en el menú principal, luego pulse el botón **Entrar** para entrar.

Pulse el botón ◀ / ▶ para seleccionar el archivo que desea ver, luego pulse el botón **Entrar** para entrar.

Pulse el botón ◀ / ▶ para seleccionar la opción de volver al menú anterior.

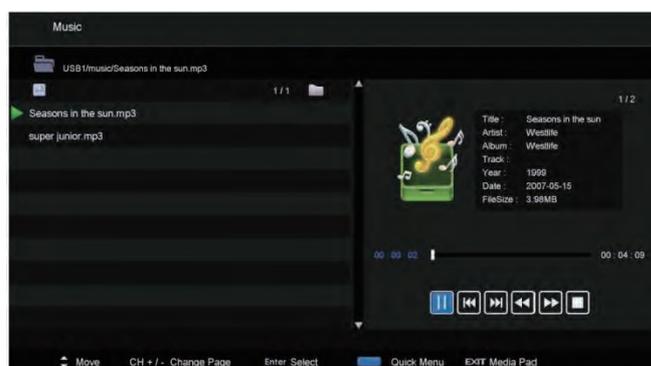


### 7.2 Música

Pulse el botón ◀ / ▶ para seleccionar MÚSICA en el menú principal, luego pulse el botón **Entrar** para entrar.

Pulse el botón ▼ / ▲ para seleccionar el archivo que desea ver, luego pulse el botón **Entrar** para entrar.

Pulse el botón ▼ / ▲ para seleccionar la opción de volver al menú anterior.



# Control USB

## 7.3 Película

Pulse el botón ◀ / ▶ para seleccionar PELÍCULA en el menú principal, luego pulse el botón **Entrar** para entrar.

Pulse el botón ▼ / ▲ para seleccionar el archivo que desea ver , luego pulse el botón **Entrar** para entrar.

Pulse el botón ▼ / ▲ para seleccionar la opción de regreso a volver al menú anterior.

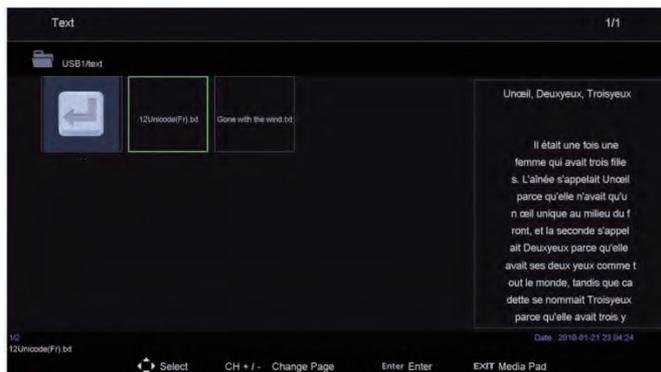


## 7.4 Texto

Pulse el botón ◀ / ▶ para seleccionar TEXTO en el menú principal, luego pulse el botón **Entrar** para entrar.

Pulse el botón ▼ / ▲ para seleccionar el archivo que desea ver , luego pulse el botón **Entrar** para entrar.

Pulse el botón ◀ / ▶ para seleccionar la opción de regreso a volver al menú anterior.



Al resaltar la opción seleccionada, la información del archivo aparecerá en la derecha

# Guía de resolución de problemas

## 8. Guía de resolución de problemas

Antes de contactar con el servicio técnico, por favor realice las siguientes comprobaciones.

Si los problemas persisten, desconecte la TV y contacte con el servicio técnico.

PROBLEMA	POSIBLE SOLUCIÓN
Falta la imagen y el sonido	<ul style="list-style-type: none"> <li>- Compruebe que el cable de alimentación está conectado a la toma de corriente.</li> <li>-Verificar que no se ha pulsado el botón de encendido en el panel frontal del receptor de televisión.</li> <li>-Verificar los ajustes de brillo y contraste.</li> </ul>
La imagen es normal pero no hay sonido	<ul style="list-style-type: none"> <li>- Compruebe el volumen.</li> <li>- ¿Está silenciado el sonido? Pulse el botón MUTE.</li> <li>- Pruebe con otro canal, el problema puede estar en la emisión.</li> <li>- ¿Están conectados los cables de audio correctamente?</li> </ul>
El mando a distancia no funciona	<ul style="list-style-type: none"> <li>--Verificar que no hay ningún obstáculo entre la televisión y el mando a distancia.</li> <li>-¿Están las baterías colocadas correctamente?</li> <li>- ¿Está ajustado el mando a distancia correctamente? ¿TV, VCR, etc.?</li> <li>- Inserte nuevas baterías.</li> </ul>
La TV de repente se apaga	<ul style="list-style-type: none"> <li>- Está ajustado el interruptor de tiempo?</li> <li>-Verificar los ajustes de suministro de energía.</li> <li>- La función de apagado automático así se estableció y la emisora sintonizada no está transmitiendo una señal, o tal vez el mando a distancia no se ha utilizado durante un período de largo tiempo.</li> </ul>
La imagen aparece lentamente una vez que la TV se enciende.	<ul style="list-style-type: none"> <li>-Esto es normal, durante el proceso de instalación del aparato la imagen se apaga. Si la imagen no aparece dentro de unos cinco minutos, por favor, póngase en contacto con su servicio técnico.</li> </ul>
No hay color o colores erróneos o calidad de imagen pobre	<ul style="list-style-type: none"> <li>- Fijar los colores en el menú de opciones.</li> <li>- Mantenga una distancia suficiente entre el televisor y la grabadora de vídeo.</li> <li>- Pruebe con otro canal, el problema puede estar en el otro lado de la emisión.</li> <li>- ¿Están los cables de video conectados correctamente?</li> <li>- Activar una de las funciones para las que se renueva el brillo de la imagen.</li> </ul>
Aparecen rayas verticales u horizontales	<ul style="list-style-type: none"> <li>- Compruebe que no hay interferencias locales, por ej. con otros aparatos eléctricos.</li> </ul>
Recepción de baja calidad de ciertos canales	<ul style="list-style-type: none"> <li>- Problemas con la emisora de televisión. Sintonice otra emisora o la frecuencia de esa misma emisora de TV.</li> <li>- La señal de la emisora es débil o está experimentando alguna interferencia, reorientar la antena o que sea revisada (Una mala antena es la causa más frecuente de problemas de recepción de señal).</li> <li>- Identificar el origen de cualquier interferencia.</li> </ul>
Líneas o rayas en la imagen	<ul style="list-style-type: none"> <li>-Compruebe la antena (Cambie la dirección de la antena)</li> </ul>
No hay salida de sonido de uno de los altavoces	<ul style="list-style-type: none"> <li>- Ajuste el balance en las opciones de menú.</li> </ul>

# Guía de resolución de problemas

**Nota:**

Los problemas del modo VGA.

PROBLEMA	POSIBLE SOLUCIÓN
La señal está fuera de rango	- Ajuste la resolución, la frecuencia horizontal o la frecuencia vertical. - Verificar si el cable de no está suelto. - Verificar la fuente de entrada.
Rayas verticales o bandas en el fondo o una incorrecta posición de la imagen	- Cambie la configuración automática o ajuste la sincronización, fase o el desplazamiento vertical u horizontal
Colores inconsistentes o imágenes de color	- Compruebe el cable de señal - Reinstale la tarjeta de video del PC

## Mantenimiento

Un mantenimiento adecuado puede prevenir el envejecimiento prematuro del aparato. La limpieza de manera habitual limpieza a fondo puede prolongar la vida útil de tu televisor. No se olvide de apagar la fuente de alimentación y desconectar el cable de alimentación antes de limpiarlo.

### Limpieza de la pantalla

1. Humedezca suavemente con un paño de limpieza en una solución de agua tibia. Escurra el paño hasta que esté casi seco y luego úselo para limpiar la pantalla.
2. Asegúrese de que no haya agua en la pantalla; deje que el aparato se seque completamente antes de encenderlo.

### Limpieza de la caja

Limpie la suciedad y el polvo utilizando una bayeta suave y seca. No utilice un paño de limpieza húmedo.

### En caso de ausencia por largos periodos de tiempo

Si no va a utilizar el televisor durante un período largo de tiempo (por ejemplo, durante de vacaciones), es aconsejable desconectar el cable de alimentación y de esta manera proteger el aparato contra posibles daños causados por rayos y sobretensiones en la red eléctrica.

## Especificaciones Técnicas

Pantalla	28 pulgadas 71,12cm
Rango Pixel	0.44475(H) x 0.44924(V)
Resolución	1366 x 768
Rango de aspecto	16:9
Colores de pantalla	16.7 M colores
Contraste	1200: 1
Brillo	220cd/m <sup>2</sup>
Tiempo de respuesta	8ms
Ángulo de visión	178°(H)/178°(V)
Vida útil iluminación (Backlight)	50,000 horas
Alimentación	100-240V~ 50/60Hz
Consumo Máxima Potencia	40W
Altavoces	2 x 6W

# nevir

**TELEVISOR DLED 28" (71,12cm) with HD**

**MODEL: NVR-7421-28HD-N**



## **USER MANUAL**

## Table of Contents

<b>Important safety measures</b> . . . . .	<b>3</b>
<b>1. Description of the appliance</b> . . . . .	<b>8</b>
<b>2. Remote control</b> . . . . .	<b>9</b>
<b>3. Connecting and setting up</b> . . . . .	<b>11</b>
<b>4. Selecting an input source</b> . . . . .	<b>13</b>
<b>5. Initial setup</b> . . . . .	<b>14</b>
<b>6. Using the menus</b> . . . . .	<b>15</b>
<b>6.1 Picture (Picture) menu</b> . . . . .	<b>15</b>
<b>6.2 Sound (Sound) menu</b> . . . . .	<b>17</b>
<b>6.3 Channel (Channel) menu</b> . . . . .	<b>19</b>
<b>6.4 Lock (Lock) menu</b> . . . . .	<b>23</b>
<b>6.5 Setup menu (Setup)</b> . . . . .	<b>24</b>
<b>7. USB control</b> . . . . .	<b>30</b>
<b>7.1 Photo (Photos)</b> . . . . .	<b>30</b>
<b>7.2 Music (Music)</b> . . . . .	<b>30</b>
<b>7.3 Movie (Movie)</b> . . . . .	<b>31</b>
<b>7.4 Text (Text)</b> . . . . .	<b>31</b>
<b>8. Troubleshooting guide</b> . . . . .	<b>32</b>
<b>9. Technical specifications</b> . . . . .	<b>34</b>
<b>10. Installing the Stand</b> . . . . .	<b>35</b>
<b>11. TROUBLESHOOTING</b> . . . . .	<b>36</b>
<b>12. Disposal of used electrical and electronic appliances</b> . . . . .	<b>36</b>



## Important safety measures

If you want to use this product correctly, carefully read this user's manual and store it for future reference. If you give (sell) the appliance to somebody, please also include all the documentation together with this appliance, including this user's manual.

	The flash symbol in an equilateral triangle indicates that there is dangerous voltage inside this appliance, which presents a risk of injury by electrical shock.
	The exclamation mark in an equilateral triangle symbol indicates important operating or servicing instructions in the appliance's documentation.
To reduce the risk of injury by electrical shock do not remove the cover (or the rear side). There are no components inside which the user can repair. Have all repairs or adjustments performed at an authorised service centre.	

### GENERAL SAFETY INSTRUCTIONS

- Carefully read this manual before using the appliance. Follow the instructions contained in this user's manual.
- Heed all warnings.
- Adhere to all instructions.
- Use only accessories determined by the manufacturer.
- **AN OPEN FLAME MUST NOT BE PLACED ON THE APPLIANCE, E.G. A BURNING CANDLE. DO NOT PLACE HOT ITEMS OR OBJECTS WITH AN OPEN FLAME E.G. CANDLES OR NIGHT LAMPS ON OR IN THE VICINITY OF THE APPLIANCE. HIGH TEMPERATURES MAY MELT PLASTIC PARTS AND CAUSE A FIRE.**
- Use the appliance in a temperate climate zone.
- Under no condition does the manufacturer or the vendor of the appliance take responsibility for any direct or indirect damages caused by not adhering to instructions for installation, setup, use, service or cleaning of this appliance as described in this user's manual.
- Protect the appliance against being knocked, dropped, hit and shaken and against vibrations, humidity and dust.
- Before allowing children to use the appliance, they must be appropriately to their age, informed about the correct and safe use of the player.
- If the appliance is equipped with a headphone jack, do not use headphones set to an extreme volume. There is a danger of hearing damage or loss.

### Installation, operation

- Install the appliance according to the instructions in the user's manual.
- Leave free space on all sides of the appliance necessary for proper air circulation. This removes the heat created during operation. Covering the ventilation openings of the appliance's case creates a risk of overheating or damaging the appliance. It is necessary to ensure that the ventilation openings are not blocked, e.g. by a newspaper, table cloth, curtain, etc. Follow the installation instructions in the user's manual.
- This appliance should not be located in a confined area such as a bookshelf or rack, if sufficient ventilation is not provided for or the instructions of the manufacturer are not followed.
- Never insert any items into any ventilation or other openings because they could come into contact with points with dangerous voltage levels or cause a short circuit of parts, which could cause a fire or injury by electric shock. Never pour any liquid into the appliance.
- Do not install the appliance in direct sunlight or near sources of heat, such as heaters, heat exchangers, stoves or other appliances (including amplifiers) producing heat. High temperatures significantly reduce the lifetime of electronic components in the appliance. Do not use or leave the appliance in the vicinity of an open fire.



## Important safety measures

- The appliance must not be exposed to dripping or running water and objects filled with water must not be placed on it, e.g. vases. Protect the appliance against rain, spray or contact with any other liquid, do not leave or install the appliance outdoors. Do not use the appliance outdoors. Not adhering to these instructions creates a risk of electrical shock or fire hazard.
- Do not use this appliance near water.
- Treat the glass panel and appliance cover with care. The screen glass can break on impact and cause serious injuries.
- Make sure that the power cord is not stepped on or compressed, particularly near the power plug, power socket and at the point where it exits the appliance or the adapter. The power plug (adapter) is used as a disconnection device and must be easily accessible.
- Never use a appliance with a damaged power cord or plug. If the power cord or plug are damaged, turn off the appliance, disconnect it from the power source and contact an authorised service centre. A damaged power cord or plug may only be replaced by qualified personnel. Under no circumstances attempt to replace the power cord or plug yourself.
- Do not attempt to circumvent the polarised power plug safety feature. If the power plug cannot be inserted into your power socket, contact a qualified electrician to replace the old type of power socket.
- Before connecting the appliance into a power socket, check that the voltage in your power socket corresponds to the voltage on the rating label of the appliance or on its power adapter. If you are not certain about the type of the power sources in your home, contact your vendor or the local energy company.
- Before turning on the appliance, check that the electrical connection is performed properly and in accordance with the instructions of the manufacturer. Before connecting or changing the connection, turn off the appliance and disconnect it from the mains.
- Remember to always disconnect the power plug (adapter) from the power socket before disconnecting the power cable from the rear side of the appliance.
- Insert the power plug into a independent power socket. Do not overload wall sockets with extension cords or multi-socket adapters. There is a risk of injury by electric shock.
- When disconnecting, hold the power cord by the plug and not by the cord itself.
- Disconnect the appliance from the power socket during storms or if you will not be using it for a longer time.
- Avoid moving the appliance from a cold environment to a warm one or vice versa, or when using the appliance in a very humid environment. Air humidity may condense on some components inside the case of the appliance and the appliance may stop working temporarily. If this occurs leave the appliance in a warm and well ventilated place and wait 1 – 2 hours until the moisture evaporates and the appliance can once more be used as usual. Take care especially during the first use of the player immediately after its purchase during a cold season.
- Do not place this appliance on an unstable cart, pedestal, stand, bracket or table. The appliance could fall and cause serious injuries to children or adults or could be seriously damaged or damage other items. Only use the appliance with a cart, pedestal, stand or table designated by the manufacturer or sold with the appliance. Any mounting of the appliance should be carried out according to the manufacturer's instructions and the mounting accessories recommended by the manufacturer should be used.
- Do not lean on the appliance, do not lean over it or use it as a step. Protect it against violent movements. Ensure that children do not play with the appliance.



If using the cart, be careful when moving it. Stopping suddenly, excessive force and uneven surfaces could cause the cart to fall over with the appliance.

- Neither the manufacturer nor the vendor of the appliance under any condition takes responsibility for any direct or indirect damages caused by not adhering to the instructions for installation, setup, use, service or cleaning of this appliance as described in this user's manual.
- Protect the appliance against being knocked, dropped, hit and shaken and against vibrations, humidity and dust.
- Do not expose the appliance to extreme temperatures or humid conditions.





## Important safety measures

**Note:**

If the appliance is powered by an adapter, use only the adapter and AC power cord supplied with the appliance. Do not use faulty power sockets. Check that the power plug is properly inserted into the power socket. If the power plug is loose, arcing could result in a fire. Contact a qualified electrician to have your socket replaced.

**Note:**

Only connect the appliance to a properly grounded socket with a protective grounding pin.

**Note:**

If you will be installing the appliance on a wall or to the ceiling, follow the manufacturer's instruction found in the user's manual of the particular appliance.

### Repairs and maintenance

- To prevent risk of injury through electric shock or the creation of a fire, do not take the appliance out of the case - there are no parts inside the case repairable or adjustable by the user without appropriate equipment and qualifications. Should the appliance require adjustment or repair, contact a professional service centre.
- In the case of any unusual events occurring during the use of the appliance, e.g. if there is a distinct smell of burning insulation or smoke comes out of the appliance, immediately turn off the appliance, disconnect the appliance from the power source and do not use the appliance until you have received the results of an inspection by the employees of the professional service centre.
- Have all repairs carried out by qualified personnel. Repairs are necessary if the appliance has been damaged in any way, for example if the power cord is damaged, liquid was poured on the appliance, foreign objects have entered the appliance, the appliance has been exposed to rain or moisture, if the appliance is not working as usual or if it has fallen.
- In the event of repair or replacement of a part of the appliance, ensure that the service technician uses components designated by the manufacturer or that these components have the same specifications as the original ones. Unauthorised replacements could cause a fire, lead to a danger of injury by electrical shock or other dangers.
- Before cleaning, carrying or other maintenance, disconnect the plug (adapter) from the power socket.
- Clean the appliance only with a dry cloth.
- For cleaning do not use petrol, thinners or any other solvents or use any abrasive cleaning agents, steel wool or any sponges with steel wool.

**Note:**

**Do not throw the appliance into ordinary household waste. For disposal follow all local laws and regulations.**

### Remote control and batteries

- Do not expose the remote control or the batteries to direct sunlight or sources of heat, such as heaters, heat exchangers, stoves or other appliances (including amplifiers) that produce heat. Do not use or leave the appliance in the vicinity of an open fire.
- Ensure that the sensor is not exposed to a strong light source (e.g. sunlight) or light from fluorescent light tubes, which could reduce the effectiveness and reliability of the remote control.
- Neither the remote control nor the batteries may be exposed to dripping or running water and objects filled with water must not be placed on them, e.g. vases. Protect against exposure to rain, spraying or pouring of any kind of liquid. Do not use outdoors. Not following these instructions creates a danger of damage to the remote control or to the battery.
- Do not use this appliance near water.
- It is necessary to pay attention to the environmental impact aspects of battery disposal.



## Important safety measures

- The incorrect use of batteries may cause the leakage of the electrolyte and corrosion. To ensure that the remote control works correctly, proceed according to the instructions below:
  - Do not insert the batteries in the wrong polarity orientation.
  - Do not charge, heat, open or short circuit the batteries.
  - Do not throw batteries into a fire.
  - Do not leave discharged batteries in the remote control.
  - Do not combine various types of batteries or new and old batteries.
  - If you will not be using the remote control for a longer period of time, remove the batteries to prevent potential damage caused by a subsequent battery leakage.
  - If the remote control is not working correctly or its operational range is reduced, change all batteries for new ones.
  - If electrolyte leaks out from the batteries, have the remote control cleaned by an authorised service centre.

**Attention:** To prevent a fire hazard or injury by electrical shock, do not expose this appliance to rain or humidity.

**Attention:** Batteries must not be exposed to excessive heat, for example sunlight, fire, etc.



This symbol indicates that the appliance has double insulation between the dangerous mains voltage and the parts accessible to the user. In the event of repairs use only identical spare parts.

### Measures to take when a static image is displayed; red/blue/green pixels on the screen

#### A static image can permanently damage the display part of the television

- Do not leave a static image on an LCD screen for longer than 2 hours, because this could damage the screen. This type of damage is known as "screen burn-in".
- Similar damage to the LCD screen can be caused by a statically located TV channel logo.
- Watching television in 4:3, 16:9 formats or similar (formats not covering the entire area of the screen) for a long time may leave marks on the right or left side, or possibly in the middle of the picture as a result of the differences in light emission. Similar damage may also occur when watching a DVD or playing games.
- The display of a static image from video games or computers for an extended period of time may cause a partial effect of a "persistent image". To prevent this effect from occurring, lower the brightness and contrast when displaying a static picture.



Damage to the screen resulting from the above mentioned causes is not covered by the warranty!

#### Red/blue/green/black pixels may appear on the screen

- This is a characteristic feature of liquid crystal displays and does not represent a problem. LCD screens are manufactured using a very precise technology in order to achieve a very fine picture resolution. From time to time several inactive pixels may appear on the screen as a permanently red, blue, green or black pixel (up to 0.001% of the total number of pixels on the screen). This does not in any way affect the features and performance of your television.



## Important safety measures

EN

### Notes on the USB connector:

USB memory devices must be inserted into the appliance directly. To prevent data transmission failure or its interference, do not use USB extension cables. Electrostatic discharges may cause the appliance to malfunction. In such an event the user must restart the appliance.

Before using a USB flash drive test its ability to communicate with the appliance and its data reading and writing speed.

To achieve maximum reading speed we recommend that you keep disk space defragmented. Use the FAT32 file system, a single partition, without protection. If reading and writing on the USB memory device is not continuous, undesirable effects may occur such as partial image loss (distortions/checkering effects) or complete image loss, audio defects, and in extreme cases the operation will be stopped. Unexpected behaviour of the connected memory device, or the presence of viruses or other damaging software may cause the functions of the appliance to stop working, necessitating a restart.

The USB connector is the standard type and is not able to power a USB device with a high power usage (e.g. hard disk drives HDD). Use devices with independent power supplies and power them from their own power supplies.

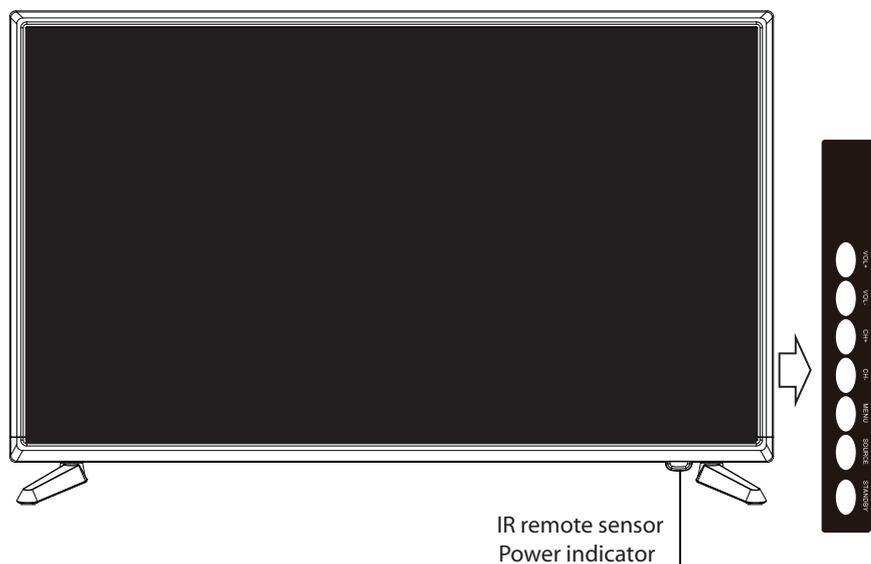
The appliance was designed to achieve maximum compatibility with memory devices. With respect to the variety of devices on the market it is not possible to guarantee compatibility with every USB device. In the event of difficulties try formatting the flash drive directly in the appliance. If problems persist, use a different flash drive.

**Due to the wide range of USB devices available on the market it is not possible to guarantee the compatibility of the appliance with all USB devices.**



## Description of the appliance

### 1. Description of the appliance



#### **VOL +/- button**

Press to increase/decrease the volume. In the OSD menu it serves as the left/right arrows.

#### **CH +/- button**

Press to switch between individual channels. In the OSD menu it serves as the up/down arrows.

#### **MENU button**

In TV mode it displays the LCD television's main menu.

#### **SOURCE button**

Press to select the desired input.

#### **STANDBY button**

Turns the television on from the stand-by mode.

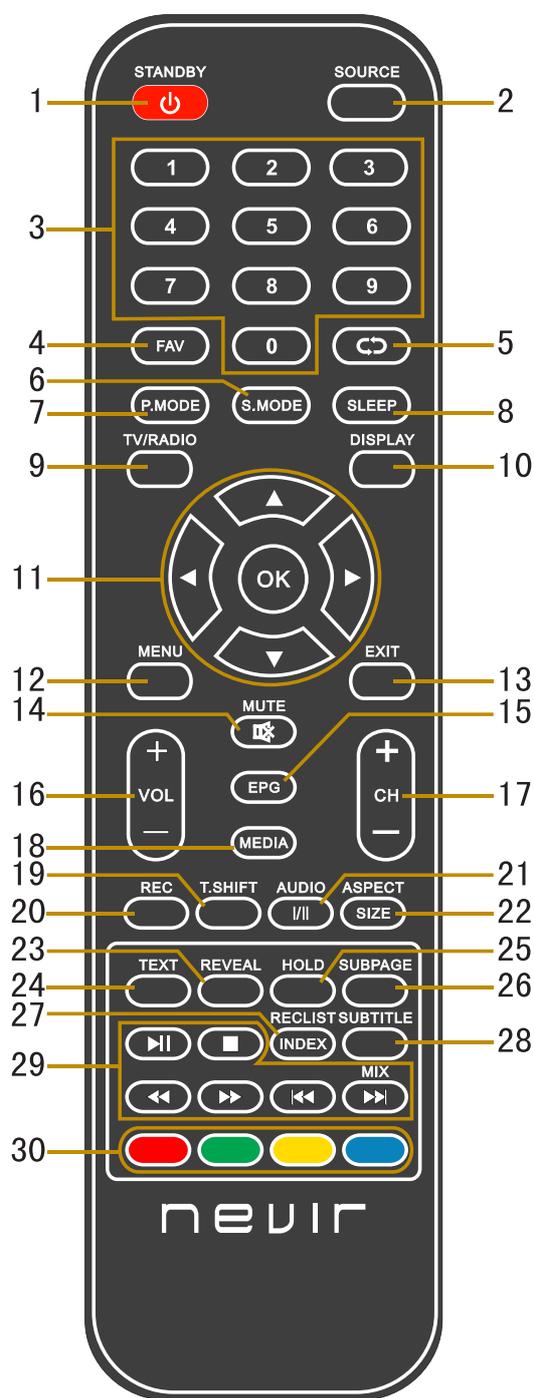
#### **IR remote control sensor**

Point the remote control at this sensor.

#### **Power indicator**

## Remote control

### 2. Remote control



#### 1. STANDBY button

Turns the television on from the stand-by mode.

#### 2. SOURCE button

Press to select the desired input.

#### 3. Numerical buttons 0-9

Press 0-9 to directly select a TV channel while watching the TV.

In teletext mode enter the page number, etc.

#### 4. FAV button

Press in the TV mode to enter / exit the favourites menu.

#### 5. Channel return button

Button for switching to the previously watched channel.

#### 6. S.MODE button

Repeatedly press to select a sound mode.

#### 7. P.MODE button

Repeatedly press to select a picture mode.

#### 8. SLEEP button

Set the automatic shut off time for the television.

#### 9. TV/RADIO button

Switching between the television and radio modes.

#### 10. DISPLAY button

Button for displaying the source and information about channels.

#### 11. Directional pad and OK buttons

Used for navigating in a menu on the screen and for setting up the television according to your preferences.

#### 12. MENU button

In TV mode it displays the LCD television's main menu.

#### 13. EXIT button

Function for exiting a menu or a screen.

#### 14. MUTE button

Press to mute the sound. Press it again to renew the sound or press VOL +.

#### 15. EPG button

Press to show/hide the electronic program guide.

#### 16. VOL +/- buttons

Press to increase/decrease the volume.

#### 17. CH +/- buttons

Press to switch between individual channels.

#### 18. MEDIA button

Press to switch to the Media (USB) mode.

#### 19. T.SHIFT button

It is used to start recording with a time shift (i.e. time shift). Function is only available in the DTV mode.

**20. REC button**

Used to start recording (only in DTV mode).

**21. AUDIO button**

DTV/MEDIA mode: select a background sound, if available.

ATV mode: select a sound mode: Stereo/Dual I / II/Mono.

Other sources: select the left / right channel

**22. SIZE button**

Press SIZE to change the size of the screen in the Teletext.

**23. REVEAL button**

Press REVEAL to display or hide hidden teletext information (depends on the broadcast).

**24. TTX button**

Turn teletext on or off.

**Note:** The teletext function is optional and the availability of buttons depends on the model. Teletext information fully depends on the operator of the channel.

**25. HOLD button**

Freezes the current picture in the Teletext.

**26. SUBPAGE button**

Press to enter a teletext subpage.

**27. RECLIST button**

Enter the list of recordings

**28. SUBTITLE button**

Button for showing / hiding subtitles in the bottom part of the screen, if they are available.

**29. ►||/■/◀◀//▶▶/|◀◀/▶▶|/MIX buttons**

►||: start / pause playback, start timeshift recording function.

■: Stop recording / playback.

◀◀: Fast rewind

▶▶: Fast forward

|◀◀: Skip to previous track

▶▶|: Skip to next track

MIX: TV picture and teletext content are simultaneously displayed on the screen.

**30. RED, GREEN, YELLOW, BLUE button:**

corresponds to various colour functions in the menu or teletext.

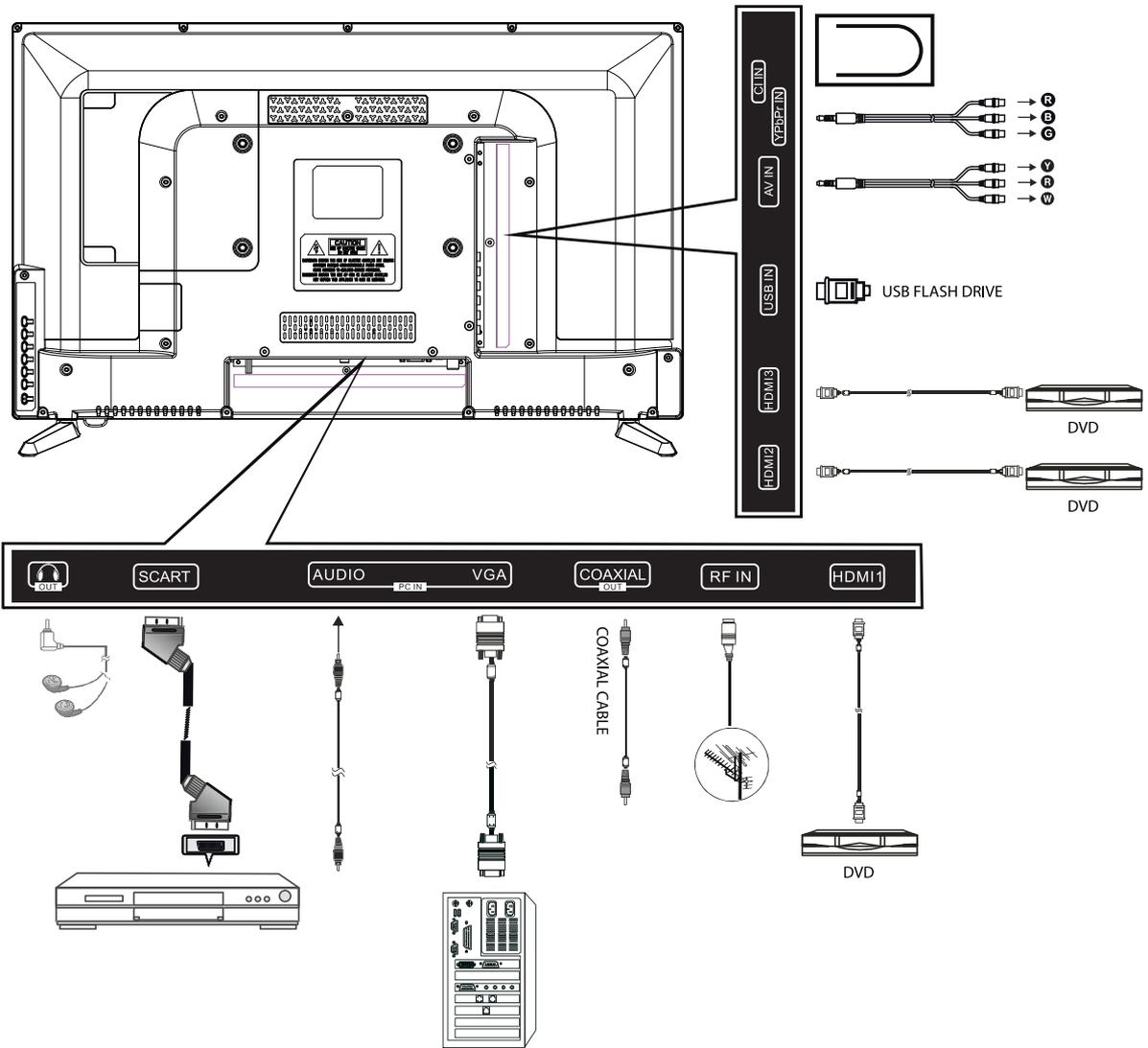
**Note:**

Remove the batteries if you will be storing the appliance or not using it for an extended period of time.

- To control the appliance using the remote control, point the remote control at the appliance and then press the button with the required function. The effective range of the remote control is up to about 5 meters with a maximum deviation of +/- 30° from the perpendicular direction to the reception sensor of the remote control on the front side of the appliance. The falling capacity of the batteries gradually reduces the remote control range. There must be no solid obstacles in the area between the remote control and the appliance when the remote control is being used.
- During standard use the lifetime of batteries in the remote control is about 1 year. When the effective range of the remote control is substantially reduced or when there are problems with its use, change both the batteries in the remote control. If you will not be using the remote control for a longer period of time, take out both batteries - in this way you will prevent potential damage caused by their leakage.
- Prevent strong light from falling on the appliance, (e.g. sunlight or strong fluorescent lamps or ecological light bulbs), which could reduce the effectiveness and reliability of the infrared remote control.

# Connecting and setting up

## Connecting and setting up



- Y** Video (yellow AV)
- R** Audio right (red AV)
- W** Audio left (white AV)
- G** Component Y (green)
- B** Component Pb (blue)
- R** Component Pr (red)

## Connecting and setting up

### Installing cables

Please carefully read the entire user's manual before installation and operation.

1. Take the TV out of the packaging and place it on an even rigid surface.

**Note:**

Before connecting or disconnecting a TV, computer or other devices it is necessary to check that the power cord is disconnected. When disconnecting power or signal cables, hold the cable by the end, never pull on the cable itself.

2. An IEC antenna connector can be connected with the VF television input connector.
3. The AV output connector DVD can be connected with the television's AV output using an AV cable.
4. Connect one end of the VGA cable to the VGA port on the computer and the other end of the VGA cable to the VGA port on the television and on both ends tighten the screws in the clockwise direction.

**Note:**

When connecting the 15-pin VGA connector, do not use excessive force so as not to damage the individual pins.

5. Connect one end of the HDMI cable to the HDMI device and the other end of the HDMI cable to the TV.

**Note:**

When connecting HDMI cables ensure that the correct orientation is maintained and do not use excessive force so as not to damage the individual pins.

6. Check that all AV cables are correctly inserted into the corresponding ports.
7. To these connectors connect the input or output SCART connector of the external device.
8. Connect the power cord to a power socket with a voltage of 100 – 240 V ~.

**Note:**

The permitted power voltage range for this TV is 100 – 240 V~ 50/60 Hz. Do not connect the TV to a power source outside of this range.

When connecting and disconnecting the power cord, hold the plug by the insulated part and do not touch the metal parts of the plug.

## Selecting an input source

EN

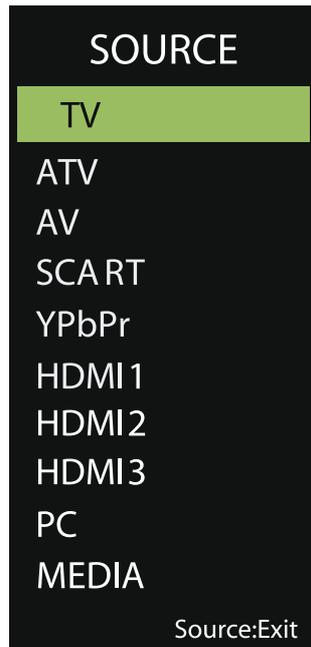
### 4. Selecting an input source

Press the **SOURCE** button to show the input source list.

Use the ▲/▼ or **SOURCE** buttons to select the required input source.

Press the **OK** button to confirm the input source.

Press the **EXIT** button to exit the menu.



# Initial setup

## 5. Initial setup

Use an antenna cable to connect the television (RF-IN input) with the antenna socket.

### OSD Language (OSD language)

Use the ◀/▶ buttons to select a language for the menus and messages.

### Country (Country)

Use the ◀/▶ buttons to select the country of installation.

### Tuner Type (Tuner type)

Use the ◀/▶ buttons to select the antenna.

### Auto Scan (Automatic search)

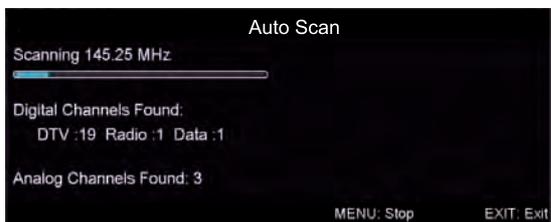
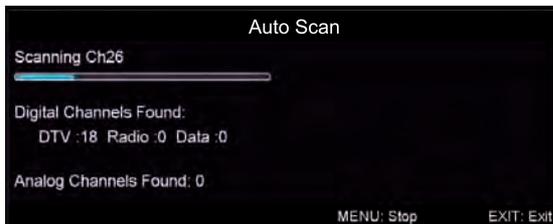
Use the ◀/▶ buttons to select a mode: DTV + ATV, DTV or ATV.



### Auto Tuning Status (Auto tuning status)

The first tuning is digital. To leave out digital tuning, press the **MENU** button.

The second tuning is analogue. To leave out analogue tuning, press the **MENU** button.





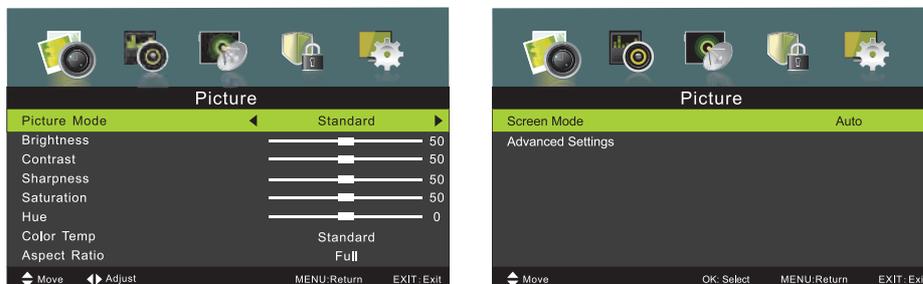
## Using the menus

### 6. Using the menus

#### 6.1 Picture (Picture) menu

Press **MENU** to show the main menu.

Use the ◀/▶ buttons to select **Picture (Picture)** and enter the menu by pressing the **OK/▼** button.



1. Press ▲/▼ to select the desired item that you wish to modify.
2. Use the **OK/◀/▶** button to make the settings.
3. After completing setup, press the **MENU** button to save and to return to the previous menu.

#### Picture Mode (Picture mode)

Use the ▲/▼ buttons to select the item Picture Mode (Picture mode) and the ◀/▶ buttons to select a mode. In the menu there are the following modes: **Standard (Standard)**, **Mild (Mild)**, **Personal (Personal)**, **Dynamic (Dynamic)**.

#### Brightness (Brightness) / Contrast (Contrast) / Sharpness (Sharpness) / Saturation (Saturation) / Hue (Hue)

Use the ▲/▼ buttons to select an option and the ◀/▶ buttons to perform the setting.

- Brightness (Brightness)** Set the brightness of the entire picture.
- Contrast (Contrast)** Set the picture contrast, nevertheless the hue of the picture will remain the same.
- Sharpness (Sharpness)** Set the sharpness of the picture details.
- Saturation (Saturation)** Set the colour saturation.
- Hue (Hue)** Set the colour hue used in NTSC mode.

#### Color Temperature (Colour temperature)

Serves to change the colour spectrum of the picture.

Use the ▲/▼ buttons to select the item **Color Temp (Colour temperature)** and change the settings using the ◀/▶ buttons. In the menu there are the following modes: **Standard (Standard)** / **Cool (Cool)** / **Warm (Warm)**.

- Standard (Standard)** The result is a vivid picture.
- Cool (Cool)** The result is a slightly blueish hue of the picture.
- Warm (Warm)** The result is a reddish hue of the picture.

#### Aspect Ratio (Side aspect ratio)

Use the ▲/▼ buttons to select **Aspect Ratio (Side aspect ratio)** and the ◀/▶ buttons to select the respective side aspect ratio.

- Auto (Automatic)** Automatic side aspect ratio setting depending on the size of the TV and the program that is being broadcast.
- Full / 4:3 / Zoom 1 / Zoom 2** Select depending on the recommended format.



## Using the menus

<b>Auto Adjust (Automatic adjustment)</b>	Press the <b>MENU/▶</b> button to automatically set the optimal picture position.
<b>H position (H position)</b>	Set the horizontal position of the picture
<b>V position (V position)</b>	Set the vertical position of the picture
<b>Phase (Phase)</b>	Minimum horizontal distortion
<b>Clock (Clock)</b>	Minimum vertical distortion

### Screen Mode (Screen mode)

Use the ▲/▼ buttons to select the **HDMI** mode, then use the ◀/▶ buttons to select **Auto (Automatic)**, **Video (Video)** or **PC (computer)**. These options are only available in the HDMI mode.

### Advanced Settings (Advanced settings)

Perform advanced settings to fine tune the picture.

Use the ▲/▼ buttons to select **Advanced Settings (Advanced settings)** and the **OK/▶** button to enter the submenu.



### NR (Noise reduction)

Set the picture noise reduction option. Use the ▲/▼ buttons to select option NR and the ◀/▶ buttons to select the mode.

<b>Off (Off)</b>	Noise reduction will be off.
<b>Weak (Weak)</b>	Detection and reduction of weak picture noise.
<b>Medium (Medium)</b>	Detection and reduction of medium picture noise.
<b>Strong (Strong)</b>	Detection and reduction of strong picture noise.

### Dynamic Contrast (Dynamic contrast)

Automatic picture detail and brightness settings Use the ▲/▼ buttons to select **Dynamic Contrast (Dynamic contrast)** and the ◀/▶ buttons to select the desired mode. The following options are available: **Off (Off)**, **Weak (Weak)**, **Medium (Medium)**, **Strong (Strong)**.

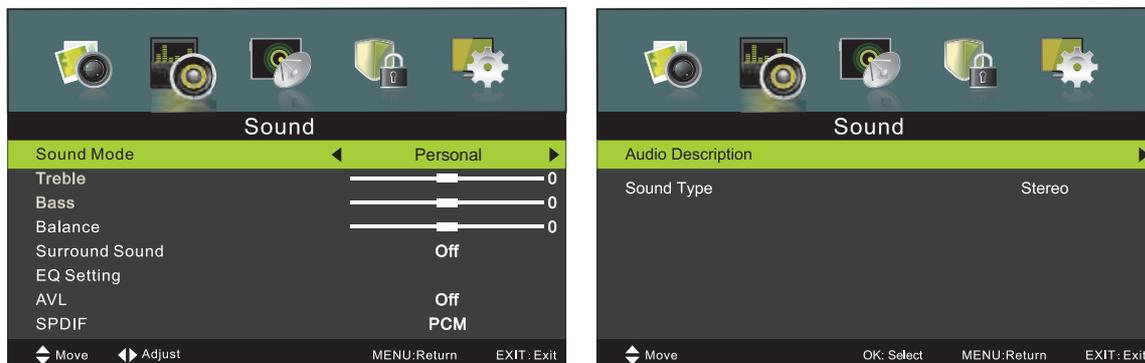


## Using the menus

### 6.2 Sound (Sound) menu

Press **MENU** to show the main menu.

Use the **◀/▶** buttons to select **Audio (Audio)** and enter the menu by pressing the **OK/▼** button.



1. Press **▲/▼** to select the desired item that you wish to modify.
2. Use the **OK/◀/▶** button to make the settings.
3. After completing setup, press the **MENU** button to save and to return to the previous menu.

#### Sound Mode (Sound mode)

Use the **▲/▼** buttons to select **Sound Mode (Sound mode)** and use the **◀/▶** buttons to select an audio mode. The following option are available: **Standard (Standard)**, **Music (Music)**, **Personal (Personal)**, **Movie (Movie)**.

#### Treble (Treble) / Bass (Bass) / Balance (Balance)

Use the **▲/▼** buttons to select an item and the **◀/▶** buttons to make a setting.

**Treble (Treble)** Set the treble for the sound. Increase or decrease the high tones.

**Bass (Bass)** Set the bass for the sound. Increase or decrease the low (deep) tones.

**Balance (Balance)** Set the balance of the left and right loudspeaker for the desired playback.

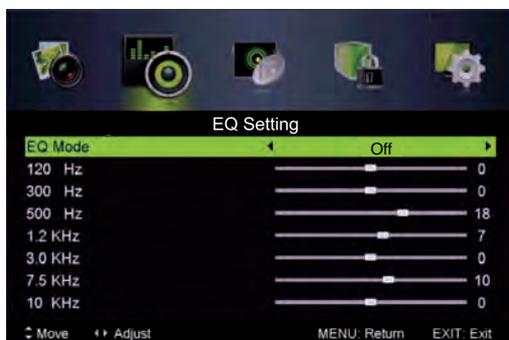
#### Surround sound (Surround sound)

Use the **▲/▼** buttons to select **Surround Sound (Surround sound)** and use the **◀/▶** buttons to select **On (On)** or **Off (Off)**.

#### EQ Setting (Equaliser settings)

You can choose from up to 7 equaliser bands.

Use the **▲/▼** buttons to select **EQ Setting (Equaliser settings)** and use the **OK/▶** button to enter the submenu.



#### EQ Mode (Equaliser mode)

Use the **▲/▼** buttons to select **EQ Mode (Equaliser mode)** and use the **◀/▶** buttons to select a mode. The following option are available: **Off (Off)**, **Rock (Rock music)**, **Pop (Pop music)**, **Jazz (Jazz music)**, **User (User)**.



## Using the menus

### AVL (Automatic volume limiter)

Set the automatic volume control function. Use the ▲/▼ buttons to select **AVL** and then use the ◀/▶ buttons to select **On (On)** or **Off (Off)**.

### SPDIF

Use the ▲/▼ buttons to select **SPDIF** and then use the ◀/▶ buttons to select **Off (Off)** / **Auto (Automatic)** / **PCM**.

### Audio Description (Audio description)

Use the ▲/▼ buttons to select **Audio Description (Audio description)** and then use the **OK/▶** button to enter the submenu.

In it you can turn the Audio Description on (On) or off (Off) and set the volume ratio of a standard audio track and audio description track.

#### Note:

The audio description is placed in the broadcast by the TV station. Find out which TV stations and which programs have audio description available.



### Mode (Mode)

Use the ▲/▼ buttons to select **Mode (Mode)** and then use the ◀/▶ buttons to select **On (On)** or **Off (Off)**. When the mode is on, the volume may be set by the user.

### Sound Type (Sound type)

Use the ▲/▼ buttons to select **Sound Type (Sound type)** and then use the ◀/▶ buttons to select a mode. The following options are available: **Stereo** / **Dual I**, **Dual II**, **Mixed (mixed)**.

## Using the menus

### 6.3 Channel (Channel) menu

Press **MENU** to show the main menu.

Use the ◀/▶ buttons to select **Channel (Channel)** and enter the menu by pressing the **OK/▼** button.



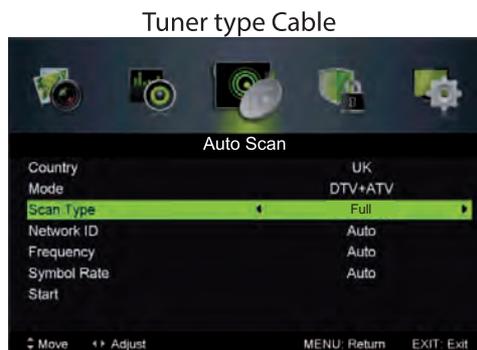
1. Press ▲/▼ to select the desired item that you wish to modify.
2. Use the **OK** button to enter the submenu.
3. After completing setup, press the **MENU** button to save and to return to the previous menu.

#### Tuner Type (Tuner type)

Use the ▲/▼ buttons to select **Tuner Type (Tuner type)** and then use the ◀/▶ buttons to select **Antenna (Antenna)** or **Cable (Cable)**.

#### Auto Scan (Automatic search)

Use the ▲/▼ buttons to select **Auto Scan (Automatic scanning)** and then use the **OK/▶** button to enter the submenu.



#### Country (Country)

Use the ◀/▶ buttons to select a country.

#### Mode (Mode)

Use the ◀/▶ buttons to select a mode.

#### Scan Type (Scan type)

Use the ◀/▶ buttons to select the scan type: **Advanced (Advance)**, **Quick (Quick)**, **Full (Full)**.

#### Network ID (Network ID)

Use the ◀/▶ buttons to select the network ID: **Auto** (Automatic) or enter a numerical value.

#### Frequency (Frequency)

Use the ◀/▶ buttons to select a frequency. **Auto** (Automatic) or enter a numerical value.

#### Symbol Rate (Symbol Rate)

Use the ◀/▶ buttons to select the symbol rate: **Auto** (Automatic) or enter a numerical value.

#### Start

Press the **OK/▶** button to start the automatic scan. The television will first scan the digital channels and thereafter the analogue channels. Before launching the automatic scan, it is necessary to select an antenna. An incorrectly set antenna may result in certain channels not being found. The number of the found channels does not include coded channels.



## Using the menus

### Manual Scan (Manual search)

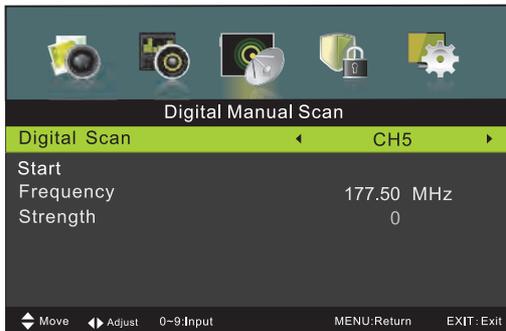
Use the ▲/▼ buttons to select **Manual Scan (Manual scanning)** and then use the **OK/▶** button to enter the submenu.



### Digital Manual Scan (Digital Manual Search)

Use the ▲/▼ buttons to select **Digital Manual Scan (Digital manual scanning)** and then use the **OK/▶** button to enter the submenu.

Tuner type Antenna



Tuner type Cable



### Network ID (Network ID)

Use the ◀/▶ buttons to select the network ID: **Auto** (Automatic) or enter a numerical value.

### Frequency (Frequency)

Use the ◀/▶ buttons to select a frequency. **Auto** (Automatic) or enter a numerical value.

### Symbol Rate (Symbol Rate)

Use the ◀/▶ buttons to select the symbol rate: **Auto** (Automatic) or enter a numerical value.

### Modulation (Modulation)

Use the ◀/▶ buttons to select the modulation type: **Auto (Automatic), 16QAM, 32QAM, 64QAM, 128QAM, 256QAM.**

### Start

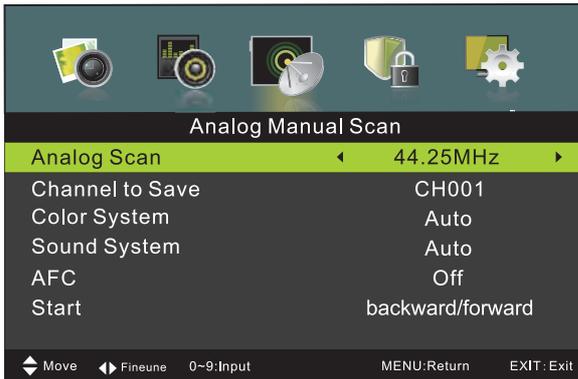
Press the **OK/▶** button to start the automatic scan.

### Analog Manual Scan (Analog manual search)

Use the ▲/▼ buttons to select **Analog Manual Scan (Analog manual search)** and then use the **OK/▶** button to enter the submenu.



## Using the menus



### Analogue Scan (Analogue scanning)

Use the ◀/▶ buttons to select **Analog Scan (Analogue scanning)**.

### Channel to Save (Channel to save)

Use the ◀/▶ buttons to select **Channel to Save (Channel to save): digital number**.

### Color System (Colour system)

Use the ◀/▶ buttons to select the colour system: **Auto (Automatic), PAL or SECAM**.

### Sound System (Sound system)

Use the ◀/▶ buttons to select the audio system: **Auto (Automatic), DK, BG, I or L**.

### AFC (Automatic fine tuning)

Use the ◀/▶ buttons select **On (On)** or **Off (Off)**.

### Start

Press the **OK/▶** button to start the scan.



## Using the menus

### Channel Edit (Channel editing)

Use the ▲/▼ buttons to select **Channel Edit (Channel editing)** and the **OK /▶** button to enter the submenu.

-    The coloured buttons are used as short cut buttons for programming channels. First use the ▲/▼ buttons to highlight a channel that you wish to delete, move or skip and then:
- **With the red** button delete the channel.
  - **With the green** button set the skip channel function.
  - **With the blue** button designate a channel that is to be moved. Then use the ▲/▼ buttons to select a position where you wish to move the channel to.



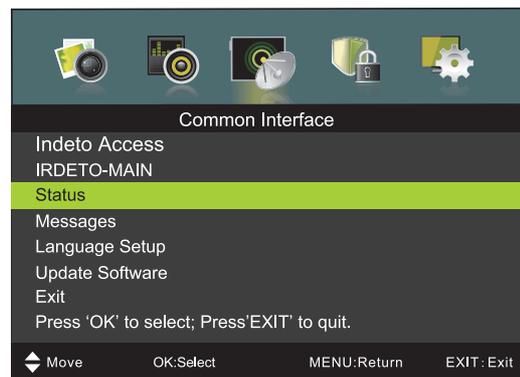
### Favorite Manager (Favourites manager)

Use the ▲/▼ buttons to select **Favorite Manager (Favourites manager)**, then press the **OK** button to enter the submenu.



### Common Interface (CI interface)

Use the ▲/▼ buttons to select **Common Interface (CI interface)** and use the **OK/▶** button to enter the submenu. The mode is available when a CI card is inserted in the DTV mode.



### Signal Information (Information about the signal)

Use the ▲/▼ buttons to select **Signal Information (Information about the signal)** and then use the **OK** button to enter the submenu for displaying detailed signal information. This function is only available in the DTV mode.





## Using the menus

### 6.4 Lock (Lock) menu

Press **MENU** to show the main menu.

Use the ◀/▶ buttons to select **Lock system (Lock)** and enter the menu by pressing the **OK/▼** button.

1. Press ▲/▼ to select the desired item that you wish to modify.
  2. Use the **OK/◀/▶** button to enter the submenu.
  3. After completing setup, press the **MENU** button to save and to return to the previous menu.
- The factory-set password is 0000. In the event that you forget the password that you have set, please contact an authorised service centre.



#### Enable (Enable)

Use the ▲/▼ buttons to select **Enable (Enable)** and then use the ◀/▶ buttons to select **On (On)** or **Off (Off)**.

The **Channel Locks (Channel locks)**, **Parental Rating (Parental Rating)** and **Lock Keypad (Lock keypad)** submenus are available only when the function **Enable (Enable)** is turned on (On).

#### Channel Locks (Channel locks)

Use the ▲/▼ buttons to select **Channel Locks (Channel locks)** and the **OK/▶** button to enter the submenu.

#### Parental Rating (Parental rating)

Use the ▲/▼ buttons to select **Parental Rating (Parental rating)** and then use the ◀/▶ buttons to set the respective value.

#### Lock Keypad (Lock keypad)

Serves to lock the buttons to prevent their undesirable use or settings, e.g. by small children.

Use the ▲/▼ buttons to select **Lock Keypad (Lock keypad)** and then use the ◀/▶ buttons to select **On (On)** or **Off (Off)**.

#### New Password (New password)

Use the ▲/▼ buttons to select **New Password (New password)** and then enter a 4-digit number. The password must be entered twice.

#### Clear Lock (Delete lock)

Use the ▲/▼ buttons to select **Clear Lock (Delete lock)**.

#### Hotel mode(Hotel model)

Use the ▲/▼ buttons to select **Hotel mode(Hotel model)**.

#### Active Hotel Mode

Press ▼ / ▲ button to select **Active Hotel Mode**, then press ◀ / ▶ button to select on/off.

#### Max Vol.

Press ▼ / ▲ button to select **Max Vol.**, then press ◀ / ▶ button to adjust.

#### Default Vol.

Press ▼ / ▲ button to select **Default Vol.**, then press ◀ / ▶ button to adjust.

#### Source Lock

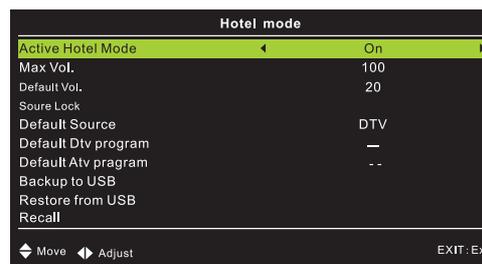
Press ▼ / ▲ button to select **Source Lock**, then press OK button to enter sub-menu.

#### Default Source / Default Dtv Program / Default ATv program

Press ▼ / ▲ button to select **Default Source / Default Dtv Program / Default ATv program**, then press ◀ / ▶ button to adjust.

#### Backup to USB / Restore from USB / Recall

Press ▼ / ▲ button to select **Backup to USB / Restore from USB / Recall**, then press OK button to adjust.



## Using the menus

### 6.5 Setup menu (Setup)

Press **MENU** to show the main menu.

Use the **◀/▶** buttons to select **Setup (Setup)** and enter the menu by pressing the **OK/▼** button.



1. Press **▲/▼** to select the desired item that you wish to modify.
2. Use the **OK/◀/▶** button to enter the submenu.
3. After completing setup, press the **MENU** button to save and to return to the previous menu.

#### OSD Language (OSD language)

Use the **▲/▼** buttons to select **OSD Language (OSD language)** and perform the setting using the **◀/▶** buttons.

#### Audio Languages (Audio languages)

Use the **▲/▼** buttons to select **Audio Languages (Audio languages)** and then use the **OK** button to enter the submenu.

Use the **▲/▼/◀/▶** buttons to select the primary (Audio Primary Language) and the secondary (Audio Secondary Language) audio language.



#### Subtitle (Subtitles)

Use the **▲/▼** buttons to select **Subtitle (Subtitles)** and then use the **OK** button to enter the submenu.

#### Mode (Mode)

Use the **▲/▼** buttons to select **Mode (Mode)** and use the **◀/▶** buttons to select **On (On)** or **Off (Off)**.

Use the **▲/▼/◀/▶** buttons to select the primary (Subtitle Primary Language) and the secondary (Subtitle Secondary Language) subtitle language.

#### Hearing Impaired (Subtitles for the hearing impaired)

Use the **▲/▼** buttons to select **Hearing Impaired (Subtitles for the hearing impaired)** and then use the **◀/▶** buttons to select **On (On)** or **Off (Off)**.



# Using the menus

## Teletext

Teletext is only available in DTV or ATV mode.

Use the ▲/▼ buttons to select **Teletext** and use the OK/▶ button to enter the submenu



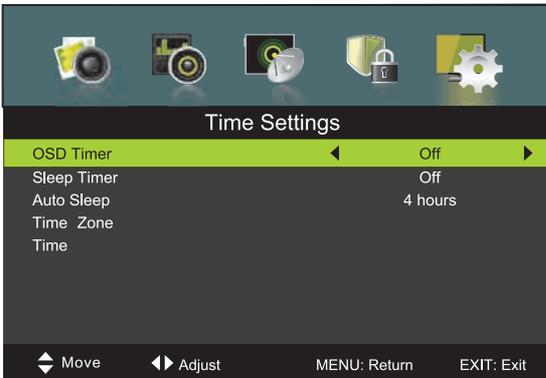
In DTV mode, use the ◀/▶ buttons to select **Digital Teletext Language (Digital teletext language)**.  
In ATV mode, use the ◀/▶ buttons to select **Decoding Page Language (Decoding page language)**.

## Blue Screen (Blue screen)

Use the ▲/▼ buttons to select **Blue Screen (Blue screen)**, then press the OK/▶ button to enter the submenu.

## Time Setting (Setting the time)

Use the ▲/▼ buttons to select **Time Setting (Time settings)** and use the OK/▶ button to enter the submenu.



## Using the menus

### OSD Time (OSD display time)

Use the ▲/▼ buttons to select **OSD Time (OSD display time)** and set the value using the ◀/▶ buttons. The following options are available: **Off (Off), 10 seconds, 20 seconds, 30 seconds, 60 seconds.**

### Sleep timer (Shut off timer)

Set the timer period after which the television will turn off automatically.

Use the ▲/▼ buttons to select **Sleep timer (Shut off timer)** and set the value using the ◀/▶ buttons. The following options are available: **Off (Off), 5 minutes, 15 minutes, 30 minutes, 60 minutes, 90 minutes, 120 minutes, 240 minutes.**

### Auto Sleep (Automatic shut-off)

Use the ▲/▼ buttons to select **Auto Sleep (Automatic shut off)** and the ◀/▶ buttons to set the value **Off (Off), 3 hours, 4 hours or 5 hours.**

### Time Zone (Time zone)

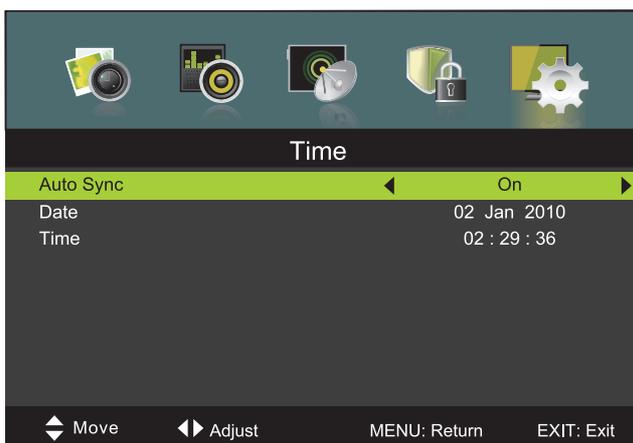
Set the time zone in which you are located.

Use the ▲/▼ buttons to select **Time Zone (Time zone)** and then use the **OK/▶** to enter the submenu.



### Time (Time)

Use the ▲/▼ buttons to select **Time (Time)** and use the **OK/▶** button to enter the submenu.



Set **Auto Sync (Automatic synchronisation)** to **Off (Off)**, **On/Off Timer (On/Off timer)** to **On (On)** and then you can set the time manually.

#### Note:

In the event of a power outage, the time will be reset and it will be necessary to set it again.

## Using the menus

### PVR Setting (PVR settings)

Use the ▲/▼ buttons to select **PVR Setting (PVR settings)** and press the **OK** button to enter the submenu. The system will check whether a USB device is connected.



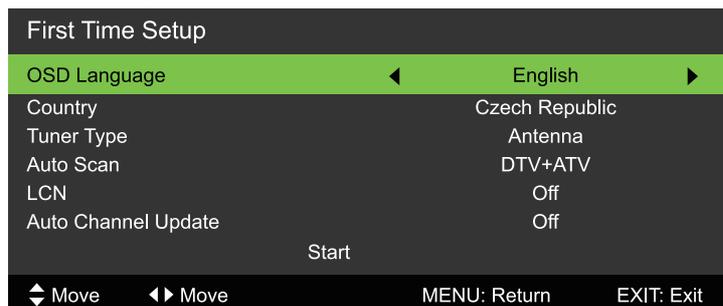
### HDMI CEC Control

Use the ▲/▼ buttons to select **HDMI CEC Control** and then use the **OK** button to enter the submenu.

### First Time Setup (First time setup)

Use the ▲/▼ buttons to select **First Time Setup (First time setup)** and press the **OK** button to enter the submenu.

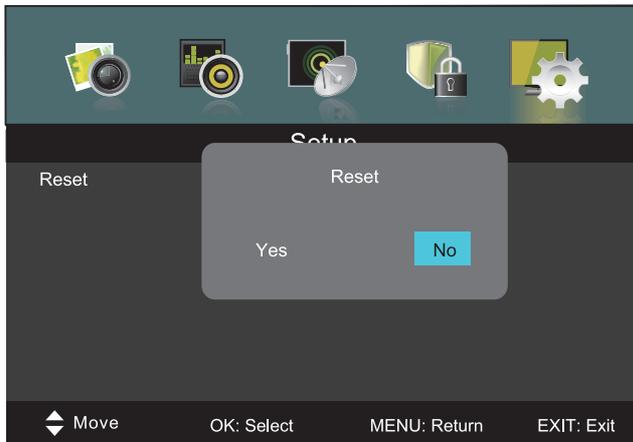
The default password is "0000".



## Using the menus

### Restore Factory Default

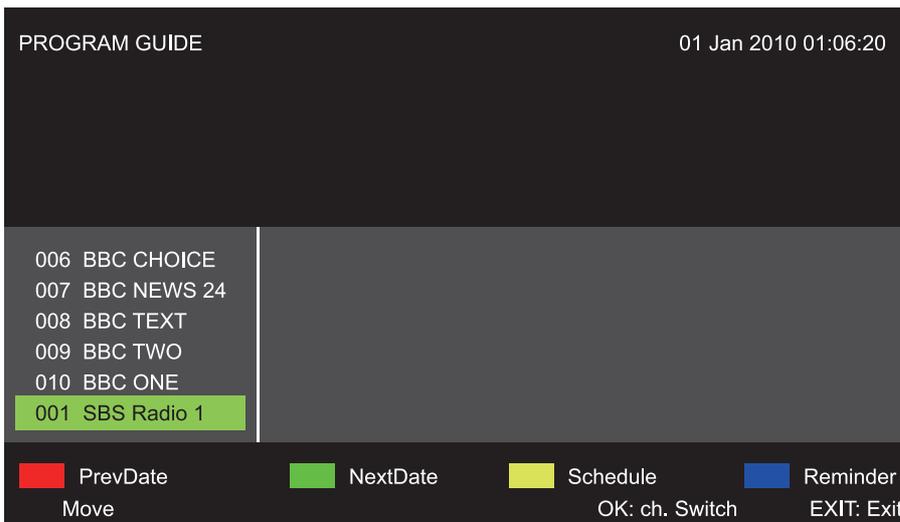
Use the ▲/▼ buttons to select **Restore Factory Default** and then use the **OK** button to enter the submenu.



You will be asked to confirm that you wish to perform a reset. Select **Yes (Yes)** to perform it.

### EPG menu

Press the **EPG** button on the remote control to enter the EPG menu.



#### Note:

The information in the EPG menu depends on the operator of the given channel.



## Using the menus

EN

### ATV / SCART / HDMI / AV / YPbPr

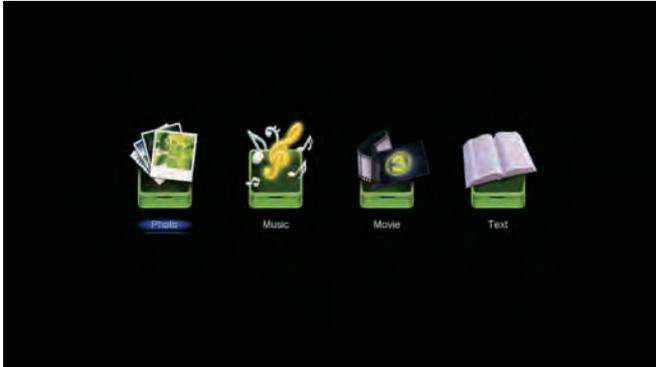
1. **PC Setting (PC settings)** in the **Picture (Picture)** menu is only available in the PC mode. **Screen Mode (Screen Mode)** in the **Picture (Picture)** menu is only available in the **HDMI Input (HDMI input)** mode.
2. **Audio Description (Audio description)** and **Sound Type (Sound type)** are not valid in the **Audio (Audio)** menu.
3. The SCART, HDMI, AV / YPbPr/PC modes do not support the **Channel (Channel)** menu.
4. **Parental Rating (Parental settings)** a **Channel Locks (Channel locks)** in the **Lock (Lock)** menu are not available for the SCART, HDMI, AV / YPbPr modes. **Parental Rating (Parental settings)** is not available for the **ATV mode**.
5. **Audio Language (Audio language)**, **Subtitle (Subtitles)** and **PVR Setting (PVR settings)** in the **Setup (Setup)** menu are not available for the SCART, AV/PC modes. **Audio Language (Audio language)**, **Subtitle (Subtitles)**, Teletext and **PVR Setting (PVR settings)** in the **Setup (Setup)** menu are not available for the HDMI / YPbPr modes.



## 7. USB control

Before entering the **USB** menu it is necessary to first insert a USB device, then press the **SOURCE** button and select the input **USB** source.

Use the ◀/▶ buttons to select **USB** as the input source and press the **OK** button to enter the submenu.



Use the ◀/▶ buttons to select the desired item and press the **OK** button to enter the submenu.

### 7.1 Photo (Photos)

Use the ◀/▶ buttons to select **Photo (Photos)** from the main menu and press the **OK** button to enter the submenu.

Use the ◀/▶ buttons to select a drive disk and press the **OK** button to enter the disk menu.

Use the ◀/▶ buttons to select the option to return to the previous menu.

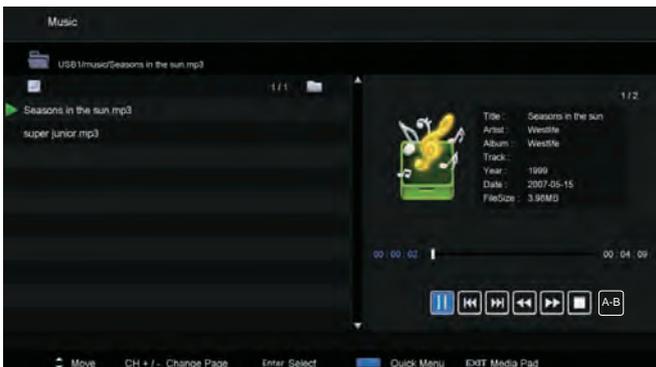


### 7.2 Music (Music)

Use the ◀/▶ buttons to select **Music (Music)** from the main menu and press the **OK** button to enter the submenu.

Use the ▲/▼ buttons to select a drive disk and press the **OK** button to enter the disk menu.

Use the ▲/▼ buttons to select the option to return to the previous menu.





## USB control

EN

When the selected item is highlighted, file information will be shown on the right hand side.

### 7.3 Movie (Movie)

Use the ◀/▶ buttons to select **Movie (Movie)** from the main menu and press the **OK** button to enter the submenu.

Use the ▲/▼ buttons to select a drive disk and press the **OK** button to enter the disk menu.

Use the ▲/▼ buttons to select the option to return to the previous menu.

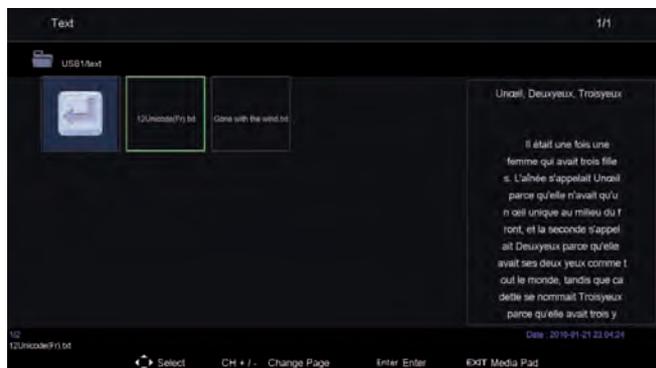


### 7.4 Text (Text)

Use the ◀/▶ buttons to select **Text (Text)** from the main menu and press the **OK** button to enter the submenu.

Use the ▲/▼ buttons to select a drive disk and press the **OK** button to enter the disk menu.

Use the ◀/▶ buttons to select the option to return to the previous menu.



When the selected item is highlighted, file information will be shown on the right hand side.



## Troubleshooting guide

### 8. Troubleshooting guide

#### Troubleshooting

Before contacting the service centre, please perform the following simple checks. If problems persist, disconnect the TV and contact a service centre.

PROBLEM	POSSIBLE SOLUTION
No picture and sound	<ul style="list-style-type: none"> <li>- Check that the power cord is connected to the wall power socket.</li> <li>- Check that you have not pressed the POWER button on the front panel of the TV receiver.</li> <li>- Check the brightness and contrast settings.</li> </ul>
Normal picture but no sound.	<ul style="list-style-type: none"> <li>- Check the volume.</li> <li>- Is the sound muted? Press the MUTE button.</li> <li>- Try another channel, the problem may be on the other side of the broadcast.</li> <li>- Are the audio cables connected correctly?</li> </ul>
The remote control does not work.	<ul style="list-style-type: none"> <li>- Check that there is no obstacle between the television and the remote control.</li> <li>- Are the batteries inserted correctly?</li> <li>- Is the control mode setup correctly? TV, VCR etc.?</li> <li>- Insert new batteries.</li> </ul>
The TV suddenly turns off.	<ul style="list-style-type: none"> <li>- Is the time switch set?</li> <li>- Check the power supply settings. Power supply interruption.</li> <li>- The automatic shut off function is set and the tuned station is not transmitting a signal, or perhaps the remote control has not been used for a longer period of time.</li> </ul>
The picture appears slowly after the television is turned on.	<ul style="list-style-type: none"> <li>- This is normal; during the initialisation process of the appliance the picture is turned off. If the picture does not appear within five minutes, please contact your service centre.</li> </ul>
No colours or wrong colours or poor picture quality	<ul style="list-style-type: none"> <li>- Set the colours in the options menu.</li> <li>- Maintain a sufficient distance between the television and the video recorder.</li> <li>- Try another channel, the problem may be on the other side of the broadcast.</li> <li>- Are the video cables connected correctly?</li> <li>- Activate one of the functions for renewing the brightness of the picture.</li> </ul>
Horizontal/vertical strip or broken picture.	<ul style="list-style-type: none"> <li>- Check that local interference is not occurring, e.g. from other electrical appliances.</li> </ul>
Poor reception of certain channels	<ul style="list-style-type: none"> <li>- Problems with the station or cable television. Tune into another station or frequency of the same station.</li> <li>- The station signal is weak or is experiencing interference, redirect your antenna or have it inspected. (A bad antenna is the most frequent cause of reception problems).</li> <li>- Identify the source of any interference.</li> </ul>
Lines or stripes in the picture	<ul style="list-style-type: none"> <li>- Check the antenna (change the direction of the antenna).</li> </ul>
No output from one of the loudspeakers	<ul style="list-style-type: none"> <li>- Set the balance in the options menu.</li> </ul>



## Troubleshooting guide

**Note:**

Problem in the VGA mode (only for the VGA mode).

PROBLEM	POSSIBLE SOLUTION
The signal is out of range.	- Set the resolution, horizontal frequency or vertical frequency. - Check whether a signal cable has not come loose. - Check the input source.
Vertical stripe or band on the background and horizontal noise and incorrect position of the picture.	- Launch automatic setup or adjust the timing, phase or horizontal/vertical shift.
Inconsistent colours or single-colour picture.	- Check the signal cable. - Reinstall the video card in the PC.

**Maintenance**

Appropriate maintenance can prevent premature ageing of the appliance. Regular and thorough cleaning can prolong the lifetime of your television. Do not forget to turn off the power supply and disconnect the power cord before cleaning.

**Cleaning the screen**

1. Dampen a soft wiping cloth into a solution of lukewarm water and dishwashing detergent. Wring out the cloth until it is almost dry and then use it to wipe the screen.
2. Make sure that no water remains on the screen; allow the appliance to completely dry before turning it on.

**Cleaning the cabinet**

Wipe dirt and dust away using a soft dry wiping cloth. Do not use a damp wiping cloth.

**In the event of a long term absence**



If you will not be using the television for a longer period of time (for example during vacation time), it is advisable to disconnect the power cord and in this way protect the appliance against possible damage by lightning or overvoltage in the power grid.



## Technical specifications

### 9. Technical specifications

Display Device	DLED TV 28" (71,12cm) with HD
Resolution	1366 x 768
Display Colors	16.7M
Contrast Ratio	1200:1
Aspect Ratio	16:9
Life Time	30,000 Hrs
USB Multimedia Playback Format	Movie: AVI, MPEG, MPE, WMV, TS
	Music: WAV, AAC, MP3
	Photo: JPEG, JPG
	Text: TXT
Power Source	100-240V, 50/60Hz
Power ConsumptionW	40W
Operation Temperature	-5°C to 45°C

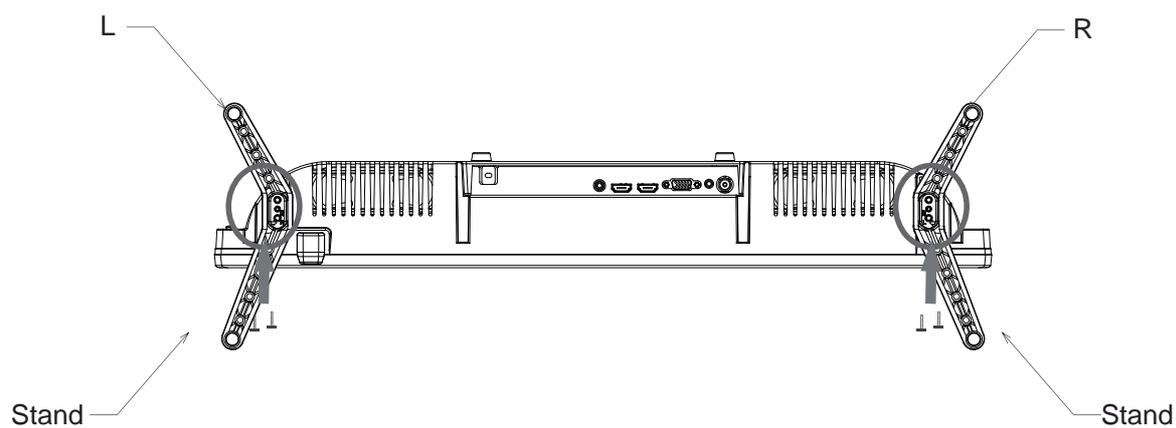
Specifications are subject to change without notice.

## Installing the Stand

EN

### 10. Installing the Stand:

1. Place the TV screen side down on a soft and flat surface.
2. Install the device on a stand and secure it by tightening the screws from the bottom of the stand.



## GENERAL TROUBLESHOOTING

### 11. Check the following points before assuming malfunctions of this unit:

Symptom[COMMON]	Remedy
No power.	Insert the power plug securely into the power outlet.
No picture.	Ensure that the equipment is connected properly.
<ul style="list-style-type: none"> <li>No sound.</li> <li>Distorted sound.</li> </ul>	<ul style="list-style-type: none"> <li>Ensure that the equipment is connected properly.</li> <li>Ensure that the input setting for the TV and stereo system are correct.</li> <li>Adjust the master volume to a suitable volume by pressing VOL+/VOL- button.</li> </ul>
No operations can be performed with the remote control unit.	<ul style="list-style-type: none"> <li>Check the batteries are installed with the correct polarities.</li> <li>The batteries are exhausted: replace them with new ones.</li> <li>Point remote control at the remote control sensor and operate it again.</li> <li>Operate the remote control unit at a distance of no more than 6m from the remote control sensor.</li> <li>Remove the obstacles between the remote control and remote control sensor.</li> </ul>
No key operation (by the main unit and/or the remote control unit) is effective.	Disconnect the power plug and then reconnect it. (The player may not be operating properly due to lightning, static electricity or some other factors.)
Symptom[TV]	Remedy
No or poor picture.	<ul style="list-style-type: none"> <li>Adjust antenna or use an external antenna.</li> <li>Relocate the unit near a window (if inside a building).</li> <li>Move units away from this product that causes interference.</li> <li>Do Auto Tuning again.</li> <li>Try another channel.</li> </ul>
No sound or poor sound.	<ul style="list-style-type: none"> <li>Check the audio settings.</li> <li>Press MUTE button on remote control to cancel mute function.</li> <li>Unplug the headphone.</li> </ul>
Noise or other interface.	Electronic equipment near the unit is causing interface. Relocate the unit or move the equipment.

## Disposal of used electrical and electronic appliances



The European Directive 2002/96 /EC on Waste Electrical and Electronic Equipment (WEEE) required that old household electrical appliances must not be disposed of in the normal unsorted municipal waste stream. Old appliances must be collected separately in order to optimize the recovery and recycling of the material they contain, and reduce the impact on human health and the environment. The crossed out "wheeled bin" symbol on the product remind you of your obligations that when you dispose of the appliance, it must be separately collected.

Besides that, waste batteries and/or accumulator must be removed prior to delivery of WEEE, through the separated collection channels provided for this purpose (distributors and/or facilities from Local Authorities).



## DECLARACIÓN DE CONFORMIDAD

NEVIR, S.A. Declara bajo su responsabilidad que el aparato indicado cumple los requisitos de las siguientes directivas:

## DIRECTIVA EMC

EN 55013: 2013

EN 55020: 2007+A11: 2011

EN 61000-3-2: 2014

EN 61000-3-3: 2013

## LOW VOLTAGE DIRECTIVA EEC

EN 60065: 2014

Descripciones del aparato: TELEVISIÓN LED 28"

Modelo(s) NEVIR: NVR-7421-28HD-N

Importador: NEVIR, S.A.

Dirección del importador: NEVIR, S.A.

C/ Canteros, 14

Parque Empresarial Puerta de Madrid

28830 San Fernando de Henares, Madrid



## Table of Contents

<b>Important safety measures</b> . . . . .	<b>3</b>
<b>1. Description of the appliance</b> . . . . .	<b>8</b>
<b>2. Remote control</b> . . . . .	<b>9</b>
<b>3. Connecting and setting up</b> . . . . .	<b>11</b>
<b>4. Selecting an input source</b> . . . . .	<b>13</b>
<b>5. Initial setup</b> . . . . .	<b>14</b>
<b>6. Using the menus</b> . . . . .	<b>15</b>
<b>6.1 Picture (Picture) menu</b> . . . . .	<b>15</b>
<b>6.2 Sound (Sound) menu</b> . . . . .	<b>17</b>
<b>6.3 Channel (Channel) menu</b> . . . . .	<b>19</b>
<b>6.4 Lock (Lock) menu</b> . . . . .	<b>23</b>
<b>6.5 Setup menu (Setup)</b> . . . . .	<b>24</b>
<b>7. USB control</b> . . . . .	<b>30</b>
<b>7.1 Photo (Photos)</b> . . . . .	<b>30</b>
<b>7.2 Music (Music)</b> . . . . .	<b>30</b>
<b>7.3 Movie (Movie)</b> . . . . .	<b>31</b>
<b>7.4 Text (Text)</b> . . . . .	<b>31</b>
<b>8. Troubleshooting guide</b> . . . . .	<b>32</b>
<b>9. Technical specifications</b> . . . . .	<b>34</b>
<b>10. Installing the Stand</b> . . . . .	<b>35</b>
<b>11. TROUBLESHOOTING</b> . . . . .	<b>36</b>
<b>12. Disposal of used electrical and electronic appliances</b> . . . . .	<b>36</b>



## Important safety measures

If you want to use this product correctly, carefully read this user's manual and store it for future reference. If you give (sell) the appliance to somebody, please also include all the documentation together with this appliance, including this user's manual.

	The flash symbol in an equilateral triangle indicates that there is dangerous voltage inside this appliance, which presents a risk of injury by electrical shock.
	The exclamation mark in an equilateral triangle symbol indicates important operating or servicing instructions in the appliance's documentation.
To reduce the risk of injury by electrical shock do not remove the cover (or the rear side). There are no components inside which the user can repair. Have all repairs or adjustments performed at an authorised service centre.	

### GENERAL SAFETY INSTRUCTIONS

- Carefully read this manual before using the appliance. Follow the instructions contained in this user's manual.
- Heed all warnings.
- Adhere to all instructions.
- Use only accessories determined by the manufacturer.
- **AN OPEN FLAME MUST NOT BE PLACED ON THE APPLIANCE, E.G. A BURNING CANDLE. DO NOT PLACE HOT ITEMS OR OBJECTS WITH AN OPEN FLAME E.G. CANDLES OR NIGHT LAMPS ON OR IN THE VICINITY OF THE APPLIANCE. HIGH TEMPERATURES MAY MELT PLASTIC PARTS AND CAUSE A FIRE.**
- Use the appliance in a temperate climate zone.
- Under no condition does the manufacturer or the vendor of the appliance take responsibility for any direct or indirect damages caused by not adhering to instructions for installation, setup, use, service or cleaning of this appliance as described in this user's manual.
- Protect the appliance against being knocked, dropped, hit and shaken and against vibrations, humidity and dust.
- Before allowing children to use the appliance, they must be appropriately to their age, informed about the correct and safe use of the player.
- If the appliance is equipped with a headphone jack, do not use headphones set to an extreme volume. There is a danger of hearing damage or loss.

### Installation, operation

- Install the appliance according to the instructions in the user's manual.
- Leave free space on all sides of the appliance necessary for proper air circulation. This removes the heat created during operation. Covering the ventilation openings of the appliance's case creates a risk of overheating or damaging the appliance. It is necessary to ensure that the ventilation openings are not blocked, e.g. by a newspaper, table cloth, curtain, etc. Follow the installation instructions in the user's manual.
- This appliance should not be located in a confined area such as a bookshelf or rack, if sufficient ventilation is not provided for or the instructions of the manufacturer are not followed.
- Never insert any items into any ventilation or other openings because they could come into contact with points with dangerous voltage levels or cause a short circuit of parts, which could cause a fire or injury by electric shock. Never pour any liquid into the appliance.
- Do not install the appliance in direct sunlight or near sources of heat, such as heaters, heat exchangers, stoves or other appliances (including amplifiers) producing heat. High temperatures significantly reduce the lifetime of electronic components in the appliance. Do not use or leave the appliance in the vicinity of an open fire.



## Important safety measures

- The appliance must not be exposed to dripping or running water and objects filled with water must not be placed on it, e.g. vases. Protect the appliance against rain, spray or contact with any other liquid, do not leave or install the appliance outdoors. Do not use the appliance outdoors. Not adhering to these instructions creates a risk of electrical shock or fire hazard.
- Do not use this appliance near water.
- Treat the glass panel and appliance cover with care. The screen glass can break on impact and cause serious injuries.
- Make sure that the power cord is not stepped on or compressed, particularly near the power plug, power socket and at the point where it exits the appliance or the adapter. The power plug (adapter) is used as a disconnection device and must be easily accessible.
- Never use a appliance with a damaged power cord or plug. If the power cord or plug are damaged, turn off the appliance, disconnect it from the power source and contact an authorised service centre. A damaged power cord or plug may only be replaced by qualified personnel. Under no circumstances attempt to replace the power cord or plug yourself.
- Do not attempt to circumvent the polarised power plug safety feature. If the power plug cannot be inserted into your power socket, contact a qualified electrician to replace the old type of power socket.
- Before connecting the appliance into a power socket, check that the voltage in your power socket corresponds to the voltage on the rating label of the appliance or on its power adapter. If you are not certain about the type of the power sources in your home, contact your vendor or the local energy company.
- Before turning on the appliance, check that the electrical connection is performed properly and in accordance with the instructions of the manufacturer. Before connecting or changing the connection, turn off the appliance and disconnect it from the mains.
- Remember to always disconnect the power plug (adapter) from the power socket before disconnecting the power cable from the rear side of the appliance.
- Insert the power plug into a independent power socket. Do not overload wall sockets with extension cords or multi-socket adapters. There is a risk of injury by electric shock.
- When disconnecting, hold the power cord by the plug and not by the cord itself.
- Disconnect the appliance from the power socket during storms or if you will not be using it for a longer time.
- Avoid moving the appliance from a cold environment to a warm one or vice versa, or when using the appliance in a very humid environment. Air humidity may condense on some components inside the case of the appliance and the appliance may stop working temporarily. If this occurs leave the appliance in a warm and well ventilated place and wait 1 – 2 hours until the moisture evaporates and the appliance can once more be used as usual. Take care especially during the first use of the player immediately after its purchase during a cold season.
- Do not place this appliance on an unstable cart, pedestal, stand, bracket or table. The appliance could fall and cause serious injuries to children or adults or could be seriously damaged or damage other items. Only use the appliance with a cart, pedestal, stand or table designated by the manufacturer or sold with the appliance. Any mounting of the appliance should be carried out according to the manufacturer's instructions and the mounting accessories recommended by the manufacturer should be used.
- Do not lean on the appliance, do not lean over it or use it as a step. Protect it against violent movements. Ensure that children do not play with the appliance.



If using the cart, be careful when moving it. Stopping suddenly, excessive force and uneven surfaces could cause the cart to fall over with the appliance.

- Neither the manufacturer nor the vendor of the appliance under any condition takes responsibility for any direct or indirect damages caused by not adhering to the instructions for installation, setup, use, service or cleaning of this appliance as described in this user's manual.
- Protect the appliance against being knocked, dropped, hit and shaken and against vibrations, humidity and dust.
- Do not expose the appliance to extreme temperatures or humid conditions.





## Important safety measures

**Note:**

If the appliance is powered by an adapter, use only the adapter and AC power cord supplied with the appliance. Do not use faulty power sockets. Check that the power plug is properly inserted into the power socket. If the power plug is loose, arcing could result in a fire. Contact a qualified electrician to have your socket replaced.

**Note:**

Only connect the appliance to a properly grounded socket with a protective grounding pin.

**Note:**

If you will be installing the appliance on a wall or to the ceiling, follow the manufacturer's instruction found in the user's manual of the particular appliance.

### Repairs and maintenance

- To prevent risk of injury through electric shock or the creation of a fire, do not take the appliance out of the case - there are no parts inside the case repairable or adjustable by the user without appropriate equipment and qualifications. Should the appliance require adjustment or repair, contact a professional service centre.
- In the case of any unusual events occurring during the use of the appliance, e.g. if there is a distinct smell of burning insulation or smoke comes out of the appliance, immediately turn off the appliance, disconnect the appliance from the power source and do not use the appliance until you have received the results of an inspection by the employees of the professional service centre.
- Have all repairs carried out by qualified personnel. Repairs are necessary if the appliance has been damaged in any way, for example if the power cord is damaged, liquid was poured on the appliance, foreign objects have entered the appliance, the appliance has been exposed to rain or moisture, if the appliance is not working as usual or if it has fallen.
- In the event of repair or replacement of a part of the appliance, ensure that the service technician uses components designated by the manufacturer or that these components have the same specifications as the original ones. Unauthorised replacements could cause a fire, lead to a danger of injury by electrical shock or other dangers.
- Before cleaning, carrying or other maintenance, disconnect the plug (adapter) from the power socket.
- Clean the appliance only with a dry cloth.
- For cleaning do not use petrol, thinners or any other solvents or use any abrasive cleaning agents, steel wool or any sponges with steel wool.

**Note:**

**Do not throw the appliance into ordinary household waste. For disposal follow all local laws and regulations.**

### Remote control and batteries

- Do not expose the remote control or the batteries to direct sunlight or sources of heat, such as heaters, heat exchangers, stoves or other appliances (including amplifiers) that produce heat. Do not use or leave the appliance in the vicinity of an open fire.
- Ensure that the sensor is not exposed to a strong light source (e.g. sunlight) or light from fluorescent light tubes, which could reduce the effectiveness and reliability of the remote control.
- Neither the remote control nor the batteries may be exposed to dripping or running water and objects filled with water must not be placed on them, e.g. vases. Protect against exposure to rain, spraying or pouring of any kind of liquid. Do not use outdoors. Not following these instructions creates a danger of damage to the remote control or to the battery.
- Do not use this appliance near water.
- It is necessary to pay attention to the environmental impact aspects of battery disposal.



## Important safety measures

- The incorrect use of batteries may cause the leakage of the electrolyte and corrosion. To ensure that the remote control works correctly, proceed according to the instructions below:
  - Do not insert the batteries in the wrong polarity orientation.
  - Do not charge, heat, open or short circuit the batteries.
  - Do not throw batteries into a fire.
  - Do not leave discharged batteries in the remote control.
  - Do not combine various types of batteries or new and old batteries.
  - If you will not be using the remote control for a longer period of time, remove the batteries to prevent potential damage caused by a subsequent battery leakage.
  - If the remote control is not working correctly or its operational range is reduced, change all batteries for new ones.
  - If electrolyte leaks out from the batteries, have the remote control cleaned by an authorised service centre.

**Attention:** To prevent a fire hazard or injury by electrical shock, do not expose this appliance to rain or humidity.

**Attention:** Batteries must not be exposed to excessive heat, for example sunlight, fire, etc.



This symbol indicates that the appliance has double insulation between the dangerous mains voltage and the parts accessible to the user. In the event of repairs use only identical spare parts.

### Measures to take when a static image is displayed; red/blue/green pixels on the screen

#### A static image can permanently damage the display part of the television

- Do not leave a static image on an LCD screen for longer than 2 hours, because this could damage the screen. This type of damage is known as "screen burn-in".
- Similar damage to the LCD screen can be caused by a statically located TV channel logo.
- Watching television in 4:3, 16:9 formats or similar (formats not covering the entire area of the screen) for a long time may leave marks on the right or left side, or possibly in the middle of the picture as a result of the differences in light emission. Similar damage may also occur when watching a DVD or playing games.
- The display of a static image from video games or computers for an extended period of time may cause a partial effect of a "persistent image". To prevent this effect from occurring, lower the brightness and contrast when displaying a static picture.



Damage to the screen resulting from the above mentioned causes is not covered by the warranty!

#### Red/blue/green/black pixels may appear on the screen

- This is a characteristic feature of liquid crystal displays and does not represent a problem. LCD screens are manufactured using a very precise technology in order to achieve a very fine picture resolution. From time to time several inactive pixels may appear on the screen as a permanently red, blue, green or black pixel (up to 0.001% of the total number of pixels on the screen). This does not in any way affect the features and performance of your television.



## Important safety measures

EN

### Notes on the USB connector:

USB memory devices must be inserted into the appliance directly. To prevent data transmission failure or its interference, do not use USB extension cables. Electrostatic discharges may cause the appliance to malfunction. In such an event the user must restart the appliance.

Before using a USB flash drive test its ability to communicate with the appliance and its data reading and writing speed.

To achieve maximum reading speed we recommend that you keep disk space defragmented. Use the FAT32 file system, a single partition, without protection. If reading and writing on the USB memory device is not continuous, undesirable effects may occur such as partial image loss (distortions/checkering effects) or complete image loss, audio defects, and in extreme cases the operation will be stopped. Unexpected behaviour of the connected memory device, or the presence of viruses or other damaging software may cause the functions of the appliance to stop working, necessitating a restart.

The USB connector is the standard type and is not able to power a USB device with a high power usage (e.g. hard disk drives HDD). Use devices with independent power supplies and power them from their own power supplies.

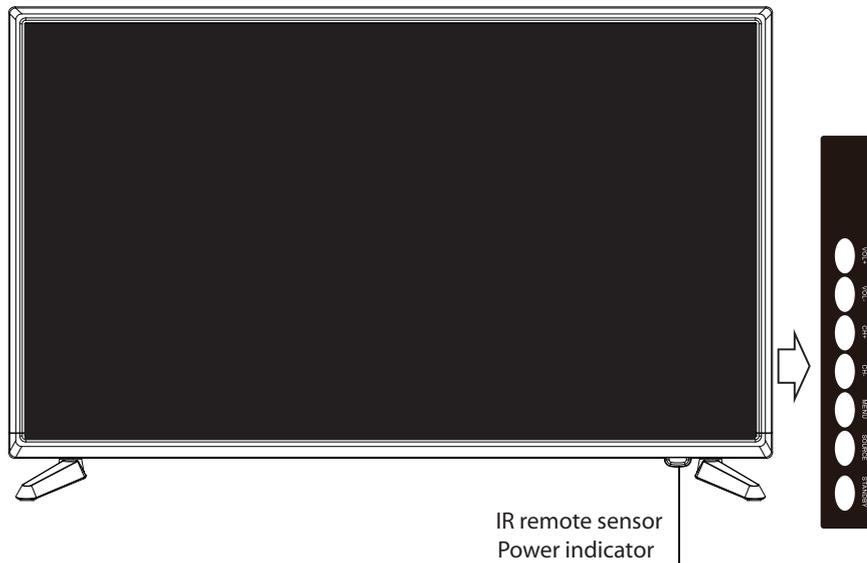
The appliance was designed to achieve maximum compatibility with memory devices. With respect to the variety of devices on the market it is not possible to guarantee compatibility with every USB device. In the event of difficulties try formatting the flash drive directly in the appliance. If problems persist, use a different flash drive.

**Due to the wide range of USB devices available on the market it is not possible to guarantee the compatibility of the appliance with all USB devices.**



## Description of the appliance

### 1. Description of the appliance



#### **VOL +/- button**

Press to increase/decrease the volume. In the OSD menu it serves as the left/right arrows.

#### **CH +/- button**

Press to switch between individual channels. In the OSD menu it serves as the up/down arrows.

#### **MENU button**

In TV mode it displays the LCD television's main menu.

#### **SOURCE button**

Press to select the desired input.

#### **STANDBY button**

Turns the television on from the stand-by mode.

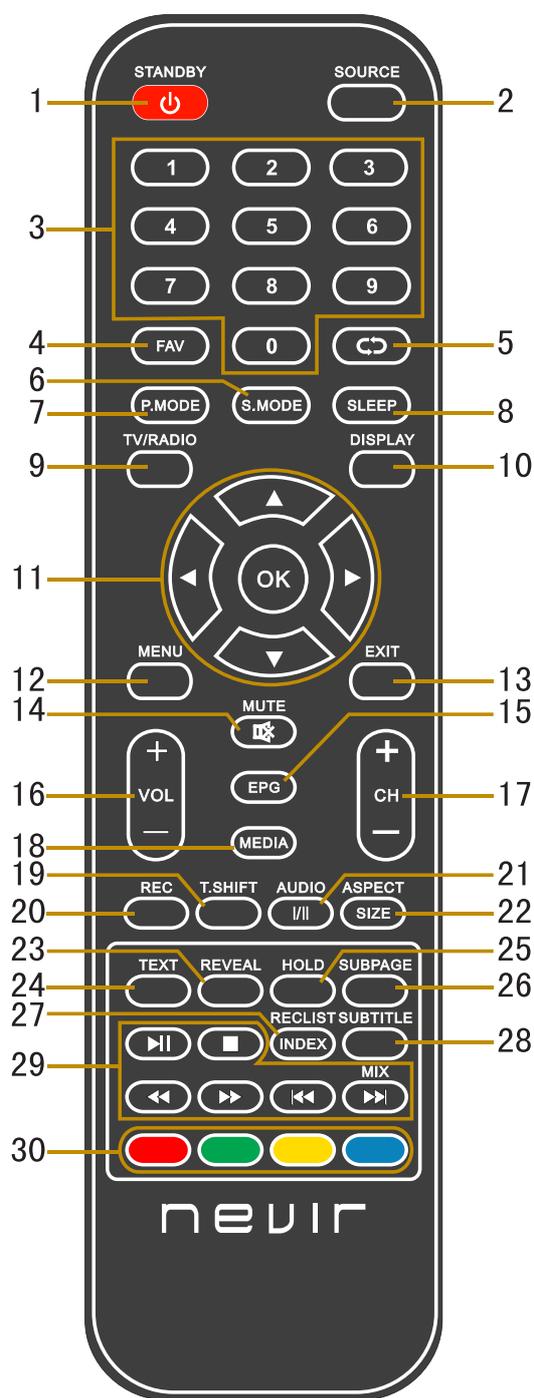
#### **IR remote control sensor**

Point the remote control at this sensor.

#### **Power indicator**

## Remote control

### 2. Remote control



#### 1. STANDBY button

Turns the television on from the stand-by mode.

#### 2. SOURCE button

Press to select the desired input.

#### 3. Numerical buttons 0-9

Press 0-9 to directly select a TV channel while watching the TV.

In teletext mode enter the page number, etc.

#### 4. FAV button

Press in the TV mode to enter / exit the favourites menu.

#### 5. Channel repeat button

Button for switching to the previously watched channel.

#### 6. S.MODE button

Repeatedly press to select a sound mode.

#### 7. P.MODE button

Repeatedly press to select a picture mode.

#### 8. SLEEP button

Set the automatic shut off time for the television.

#### 9. TV/RADIO button

Switching between the television and radio modes.

#### 10. DISPLAY button

Button for displaying the source and information about channels.

#### 11. ▲/▼/◀/▶/OK buttons

Used for navigating in a menu on the screen and for setting up the television according to your preferences.

#### 12. MENU button

In TV mode it displays the LCD television's main menu.

#### 13. EXIT button

Function for exiting a menu or a screen.

#### 14. MUTE button

Press to mute the sound. Press it again to renew the sound or press VOL +.

#### 15. EPG button

Press to show/hide the electronic program guide.

#### 16. VOL +/- buttons

Press to increase/decrease the volume.

#### 17. CH +/- buttons

Press to switch between individual channels.

#### 18. MEDIA button

Press to switch to the Media (USB) mode.

#### 19. T.SHIFT button

It is used to start recording with a time shift (i.e. time shift). Function is only available in the DTV mode.

**20. REC button**

Used to start recording (only in DTV mode).

**21. AUDIO button**

DTV/MEDIA mode: select a background sound, if available.

ATV mode: select a sound mode: Stereo/Dual I / II/Mono.

Other sources: select the left / right channel

**22. SIZE button**

Press SIZE to change the size of the screen in the Teletext.

**23. REVEAL button**

Press REVEAL to display or hide hidden teletext information (depends on the broadcast).

**24. TTX button**

Turn teletext on or off.

**Note:** The teletext function is optional and the availability of buttons depends on the model. Teletext information fully depends on the operator of the channel.

**25. HOLD button**

Freezes the current picture in the Teletext.

**26. SUBPAGE button**

Press to enter a teletext subpage.

**27. RECLIST button**

Enter the list of recordings

**28. SUBTITLE button**

Button for showing / hiding subtitles in the bottom part of the screen, if they are available.

**29. ►||/■/◀◀//▶▶/|◀◀/▶▶|/MIX buttons**

►||: start / pause playback, start timeshift recording function.

■: Stop recording / playback.

◀◀: Fast rewind

▶▶: Fast forward

|◀◀: Skip to previous track

▶▶|: Skip to next track

MIX: TV picture and teletext content are simultaneously displayed on the screen.

**30. RED, GREEN, YELLOW, BLUE button:**

corresponds to various colour functions in the menu or teletext.

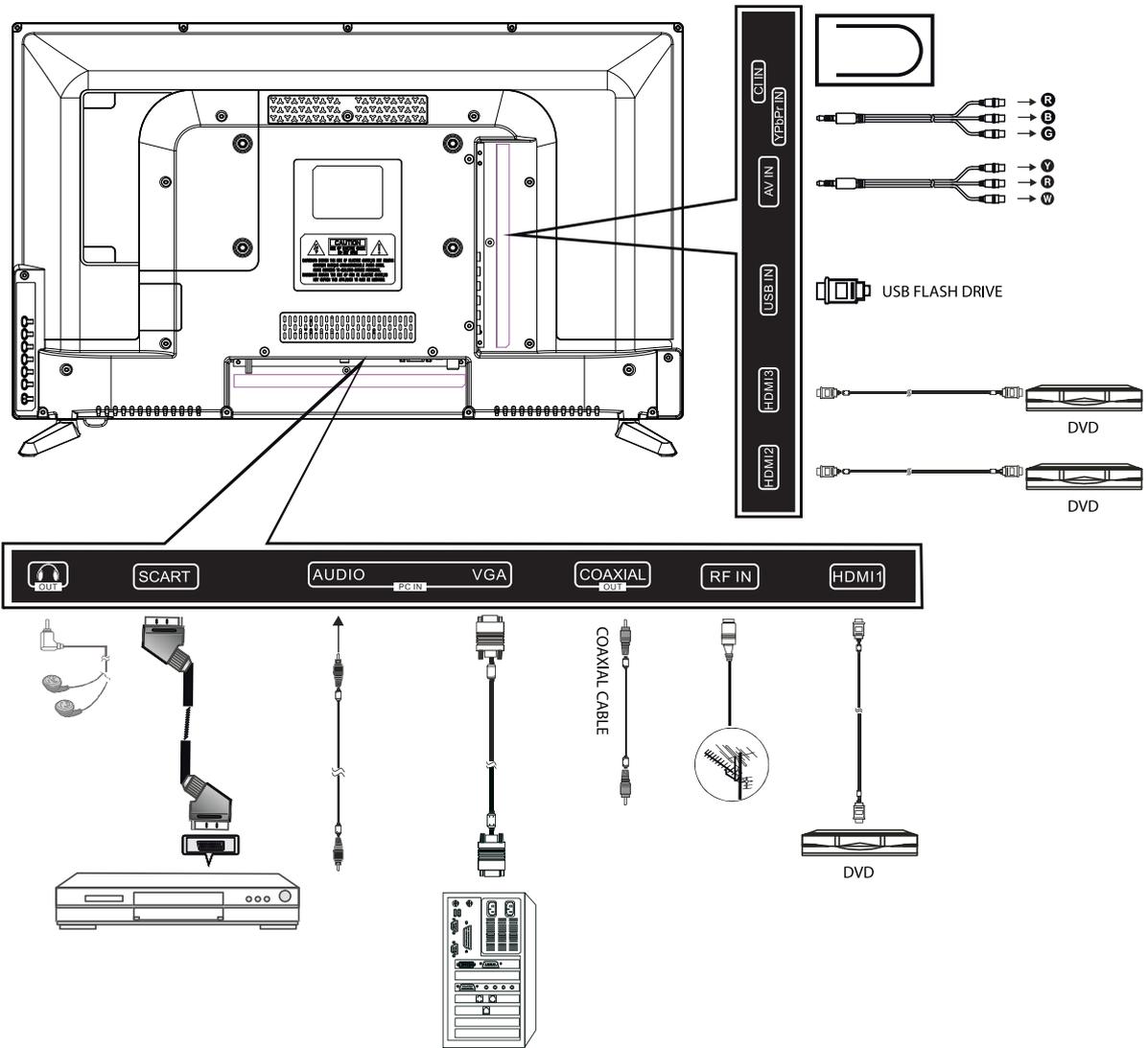
**Note:**

Remove the batteries if you will be storing the appliance or not using it for an extended period of time.

- To control the appliance using the remote control, point the remote control at the appliance and then press the button with the required function. The effective range of the remote control is up to about 5 meters with a maximum deviation of +/- 30° from the perpendicular direction to the reception sensor of the remote control on the front side of the appliance. The falling capacity of the batteries gradually reduces the remote control range. There must be no solid obstacles in the area between the remote control and the appliance when the remote control is being used.
- During standard use the lifetime of batteries in the remote control is about 1 year. When the effective range of the remote control is substantially reduced or when there are problems with its use, change both the batteries in the remote control. If you will not be using the remote control for a longer period of time, take out both batteries - in this way you will prevent potential damage caused by their leakage.
- Prevent strong light from falling on the appliance, (e.g. sunlight or strong fluorescent lamps or ecological light bulbs), which could reduce the effectiveness and reliability of the infrared remote control.

# Connecting and setting up

## Connecting and setting up



- Y** Video (yellow AV)
- R** Audio right (red AV)
- W** Audio left (white AV)
- G** Component Y (green)
- B** Component Pb (blue)
- R** Component Pr (red)

## Connecting and setting up

### Installing cables

Please carefully read the entire user's manual before installation and operation.

1. Take the TV out of the packaging and place it on an even rigid surface.

**Note:**

Before connecting or disconnecting a TV, computer or other devices it is necessary to check that the power cord is disconnected. When disconnecting power or signal cables, hold the cable by the end, never pull on the cable itself.

2. An IEC antenna connector can be connected with the VF television input connector.
3. The AV output connector DVD can be connected with the television's AV output using an AV cable.
4. Connect one end of the VGA cable to the VGA port on the computer and the other end of the VGA cable to the VGA port on the television and on both ends tighten the screws in the clockwise direction.

**Note:**

When connecting the 15-pin VGA connector, do not use excessive force so as not to damage the individual pins.

5. Connect one end of the HDMI cable to the HDMI device and the other end of the HDMI cable to the TV.

**Note:**

When connecting HDMI cables ensure that the correct orientation is maintained and do not use excessive force so as not to damage the individual pins.

6. Check that all AV cables are correctly inserted into the corresponding ports.
7. To these connectors connect the input or output SCART connector of the external device.
8. Connect the power cord to a power socket with a voltage of 100 – 240 V ~.

**Note:**

The permitted power voltage range for this TV is 100 – 240 V~ 50/60 Hz. Do not connect the TV to a power source outside of this range.

When connecting and disconnecting the power cord, hold the plug by the insulated part and do not touch the metal parts of the plug.

## Selecting an input source

EN

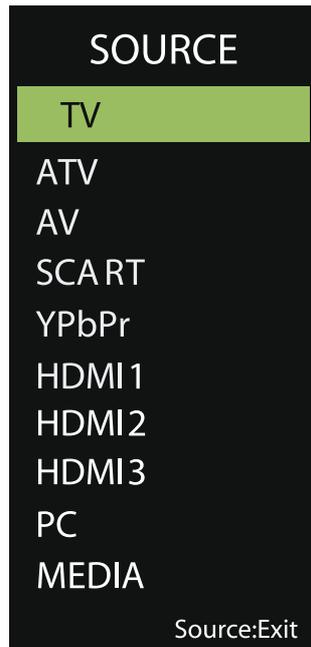
### 4. Selecting an input source

Press the **SOURCE** button to show the input source list.

Use the ▲/▼ or **SOURCE** buttons to select the required input source.

Press the **OK** button to confirm the input source.

Press the **EXIT** button to exit the menu.



## 5. Initial setup

Use an antenna cable to connect the television (RF-IN input) with the antenna socket.

### OSD Language (OSD language)

Use the ◀/▶ buttons to select a language for the menus and messages.

### Country (Country)

Use the ◀/▶ buttons to select the country of installation.

### Tuner Type (Tuner type)

Use the ◀/▶ buttons to select the antenna.

### Auto Scan (Automatic search)

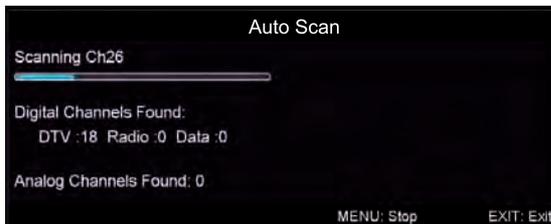
Use the ◀/▶ buttons to select a mode: DTV + ATV, DTV or ATV.



### Auto Tuning Status (Auto tuning status)

The first tuning is digital. To leave out digital tuning, press the **MENU** button.

The second tuning is analogue. To leave out analogue tuning, press the **MENU** button.





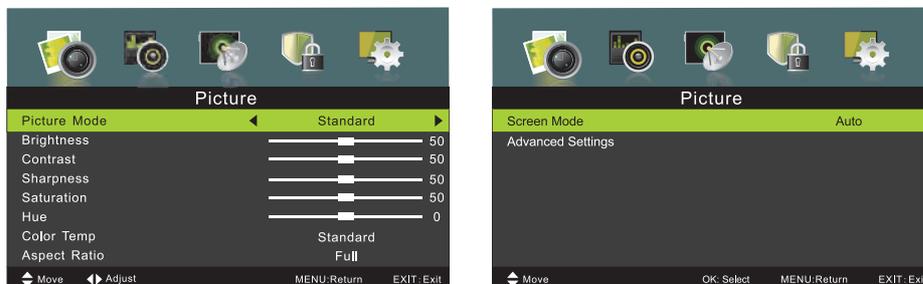
## Using the menus

### 6. Using the menus

#### 6.1 Picture (Picture) menu

Press **MENU** to show the main menu.

Use the ◀/▶ buttons to select **Picture (Picture)** and enter the menu by pressing the **OK/▼** button.



1. Press ▲/▼ to select the desired item that you wish to modify.
2. Use the **OK/◀/▶** button to make the settings.
3. After completing setup, press the **MENU** button to save and to return to the previous menu.

#### Picture Mode (Picture mode)

Use the ▲/▼ buttons to select the item Picture Mode (Picture mode) and the ◀/▶ buttons to select a mode. In the menu there are the following modes: **Standard (Standard)**, **Mild (Mild)**, **Personal (Personal)**, **Dynamic (Dynamic)**.

#### Brightness (Brightness) / Contrast (Contrast) / Sharpness (Sharpness) / Saturation (Saturation) / Hue (Hue)

Use the ▲/▼ buttons to select an option and the ◀/▶ buttons to perform the setting.

- Brightness (Brightness)** Set the brightness of the entire picture.
- Contrast (Contrast)** Set the picture contrast, nevertheless the hue of the picture will remain the same.
- Sharpness (Sharpness)** Set the sharpness of the picture details.
- Saturation (Saturation)** Set the colour saturation.
- Hue (Hue)** Set the colour hue used in NTSC mode.

#### Color Temperature (Colour temperature)

Serves to change the colour spectrum of the picture.

Use the ▲/▼ buttons to select the item **Color Temp (Colour temperature)** and change the settings using the ◀/▶ buttons. In the menu there are the following modes: **Standard (Standard)** / **Cool (Cool)** / **Warm (Warm)**.

- Standard (Standard)** The result is a vivid picture.
- Cool (Cool)** The result is a slightly blueish hue of the picture.
- Warm (Warm)** The result is a reddish hue of the picture.

#### Aspect Ratio (Side aspect ratio)

Use the ▲/▼ buttons to select **Aspect Ratio (Side aspect ratio)** and the ◀/▶ buttons to select the respective side aspect ratio.

- Auto (Automatic)** Automatic side aspect ratio setting depending on the size of the TV and the program that is being broadcast.
- Full / 4:3 / Zoom 1 / Zoom 2** Select depending on the recommended format.



## Using the menus

<b>Auto Adjust (Automatic adjustment)</b>	Press the <b>MENU/▶</b> button to automatically set the optimal picture position.
<b>H position (H position)</b>	Set the horizontal position of the picture
<b>V position (V position)</b>	Set the vertical position of the picture
<b>Phase (Phase)</b>	Minimum horizontal distortion
<b>Clock (Clock)</b>	Minimum vertical distortion

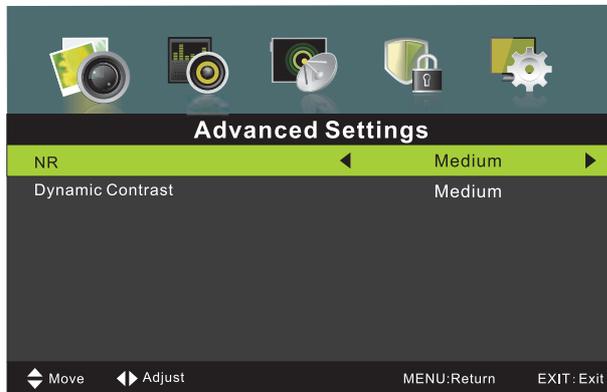
### Screen Mode (Screen mode)

Use the ▲/▼ buttons to select the **HDMI** mode, then use the ◀/▶ buttons to select **Auto (Automatic)**, **Video (Video)** or **PC (computer)**. These options are only available in the HDMI mode.

### Advanced Settings (Advanced settings)

Perform advanced settings to fine tune the picture.

Use the ▲/▼ buttons to select **Advanced Settings (Advanced settings)** and the **OK/▶** button to enter the submenu.



### NR (Noise reduction)

Set the picture noise reduction option. Use the ▲/▼ buttons to select option NR and the ◀/▶ buttons to select the mode.

<b>Off (Off)</b>	Noise reduction will be off.
<b>Weak (Weak)</b>	Detection and reduction of weak picture noise.
<b>Medium (Medium)</b>	Detection and reduction of medium picture noise.
<b>Strong (Strong)</b>	Detection and reduction of strong picture noise.

### Dynamic Contrast (Dynamic contrast)

Automatic picture detail and brightness settings Use the ▲/▼ buttons to select **Dynamic Contrast (Dynamic contrast)** and the ◀/▶ buttons to select the desired mode. The following options are available: **Off (Off)**, **Weak (Weak)**, **Medium (Medium)**, **Strong (Strong)**.

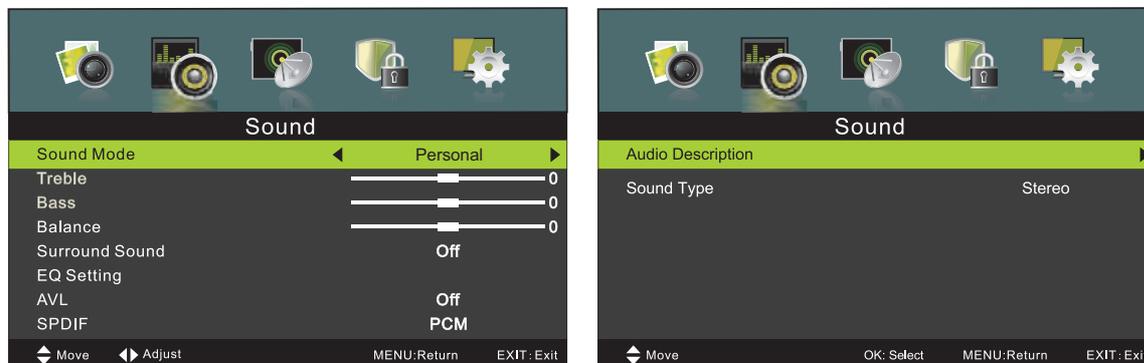


## Using the menus

### 6.2 Sound (Sound) menu

Press **MENU** to show the main menu.

Use the **◀/▶** buttons to select **Audio (Audio)** and enter the menu by pressing the **OK/▼** button.



1. Press **▲/▼** to select the desired item that you wish to modify.
2. Use the **OK/◀/▶** button to make the settings.
3. After completing setup, press the **MENU** button to save and to return to the previous menu.

#### Sound Mode (Sound mode)

Use the **▲/▼** buttons to select **Sound Mode (Sound mode)** and use the **◀/▶** buttons to select an audio mode. The following option are available: **Standard (Standard)**, **Music (Music)**, **Personal (Personal)**, **Movie (Movie)**.

#### Treble (Treble) / Bass (Bass) / Balance (Balance)

Use the **▲/▼** buttons to select an item and the **◀/▶** buttons to make a setting.

**Treble (Treble)** Set the treble for the sound. Increase or decrease the high tones.

**Bass (Bass)** Set the bass for the sound. Increase or decrease the low (deep) tones.

**Balance (Balance)** Set the balance of the left and right loudspeaker for the desired playback.

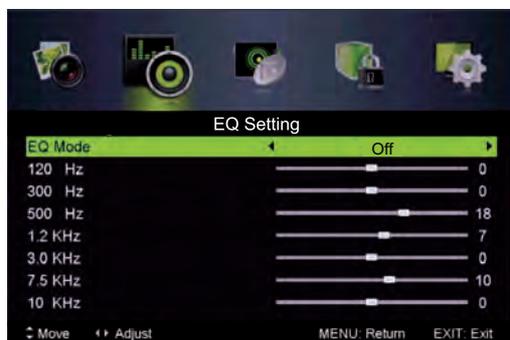
#### Surround sound (Surround sound)

Use the **▲/▼** buttons to select **Surround Sound (Surround sound)** and use the **◀/▶** buttons to select **On (On)** or **Off (Off)**.

#### EQ Setting (Equaliser settings)

You can choose from up to 7 equaliser bands.

Use the **▲/▼** buttons to select **EQ Setting (Equaliser settings)** and use the **OK/▶** button to enter the submenu.



#### EQ Mode (Equaliser mode)

Use the **▲/▼** buttons to select **EQ Mode (Equaliser mode)** and use the **◀/▶** buttons to select a mode. The following option are available: **Off (Off)**, **Rock (Rock music)**, **Pop (Pop music)**, **Jazz (Jazz music)**, **User (User)**.



## Using the menus

### AVL (Automatic volume limiter)

Set the automatic volume control function. Use the ▲/▼ buttons to select **AVL** and then use the ◀/▶ buttons to select **On (On)** or **Off (Off)**.

### SPDIF

Use the ▲/▼ buttons to select **SPDIF** and then use the ◀/▶ buttons to select **Off (Off)** / **Auto (Automatic)** / **PCM**.

### Audio Description (Audio description)

Use the ▲/▼ buttons to select **Audio Description (Audio description)** and then use the **OK/▶** button to enter the submenu.

In it you can turn the Audio Description on (On) or off (Off) and set the volume ratio of a standard audio track and audio description track.

#### Note:

The audio description is placed in the broadcast by the TV station. Find out which TV stations and which programs have audio description available.



### Mode (Mode)

Use the ▲/▼ buttons to select **Mode (Mode)** and then use the ◀/▶ buttons to select **On (On)** or **Off (Off)**. When the mode is on, the volume may be set by the user.

### Sound Type (Sound type)

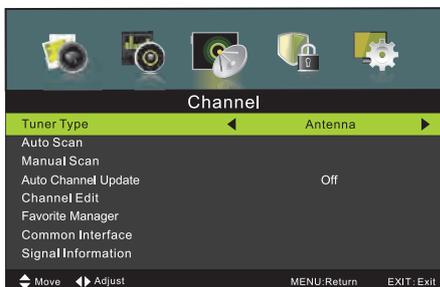
Use the ▲/▼ buttons to select **Sound Type (Sound type)** and then use the ◀/▶ buttons to select a mode. The following options are available: **Stereo** / **Dual I**, **Dual II**, **Mixed (mixed)**.

# Using the menus

## 6.3 Channel (Channel) menu

Press **MENU** to show the main menu.

Use the **◀/▶** buttons to select **Channel (Channel)** and enter the menu by pressing the **OK/▼** button.



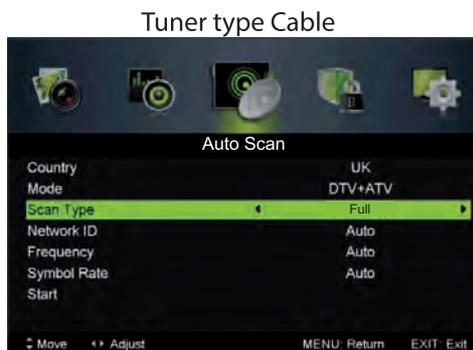
1. Press **▲/▼** to select the desired item that you wish to modify.
2. Use the **OK** button to enter the submenu.
3. After completing setup, press the **MENU** button to save and to return to the previous menu.

### Tuner Type (Tuner type)

Use the **▲/▼** buttons to select **Tuner Type (Tuner type)** and then use the **◀/▶** buttons to select **Antenna (Antenna)** or **Cable (Cable)**.

### Auto Scan (Automatic search)

Use the **▲/▼** buttons to select **Auto Scan (Automatic scanning)** and then use the **OK/▶** button to enter the submenu.



### Country (Country)

Use the **◀/▶** buttons to select a country.

### Mode (Mode)

Use the **◀/▶** buttons to select a mode.

### Scan Type (Scan type)

Use the **◀/▶** buttons to select the scan type: **Advanced (Advance)**, **Quick (Quick)**, **Full (Full)**.

### Network ID (Network ID)

Use the **◀/▶** buttons to select the network ID: **Auto** (Automatic) or enter a numerical value.

### Frequency (Frequency)

Use the **◀/▶** buttons to select a frequency. **Auto** (Automatic) or enter a numerical value.

### Symbol Rate (Symbol Rate)

Use the **◀/▶** buttons to select the symbol rate: **Auto** (Automatic) or enter a numerical value.

### Start

Press the **OK/▶** button to start the automatic scan. The television will first scan the digital channels and thereafter the analogue channels. Before launching the automatic scan, it is necessary to select an antenna. An incorrectly set antenna may result in certain channels not being found. The number of the found channels does not include coded channels.



## Using the menus

### Manual Scan (Manual search)

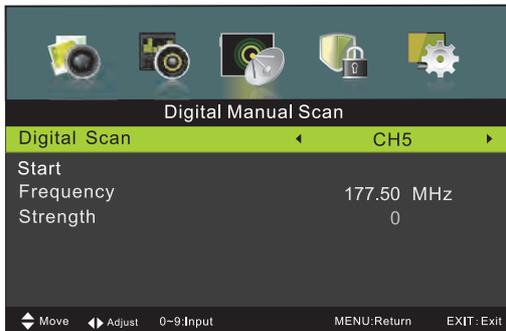
Use the ▲/▼ buttons to select **Manual Scan (Manual scanning)** and then use the **OK/▶** button to enter the submenu.



### Digital Manual Scan (Digital Manual Search)

Use the ▲/▼ buttons to select **Digital Manual Scan (Digital manual scanning)** and then use the **OK/▶** button to enter the submenu.

Tuner type Antenna



Tuner type Cable



### Network ID (Network ID)

Use the ◀/▶ buttons to select the network ID: **Auto** (Automatic) or enter a numerical value.

### Frequency (Frequency)

Use the ◀/▶ buttons to select a frequency. **Auto** (Automatic) or enter a numerical value.

### Symbol Rate (Symbol Rate)

Use the ◀/▶ buttons to select the symbol rate: **Auto** (Automatic) or enter a numerical value.

### Modulation (Modulation)

Use the ◀/▶ buttons to select the modulation type: **Auto (Automatic), 16QAM, 32QAM, 64QAM, 128QAM, 256QAM.**

### Start

Press the **OK/▶** button to start the automatic scan.

### Analog Manual Scan (Analog manual search)

Use the ▲/▼ buttons to select **Analog Manual Scan (Analog manual search)** and then use the **OK/▶** button to enter the submenu.

## Using the menus



### Analogue Scan (Analogue scanning)

Use the ◀/▶ buttons to select **Analog Scan (Analogue scanning)**.

### Channel to Save (Channel to save)

Use the ◀/▶ buttons to select **Channel to Save (Channel to save): digital number**.

### Color System (Colour system)

Use the ◀/▶ buttons to select the colour system: **Auto (Automatic), PAL or SECAM**.

### Sound System (Sound system)

Use the ◀/▶ buttons to select the audio system: **Auto (Automatic), DK, BG, I or L**.

### AFC (Automatic fine tuning)

Use the ◀/▶ buttons select **On (On)** or **Off (Off)**.

### Start

Press the **OK/▶** button to start the scan.

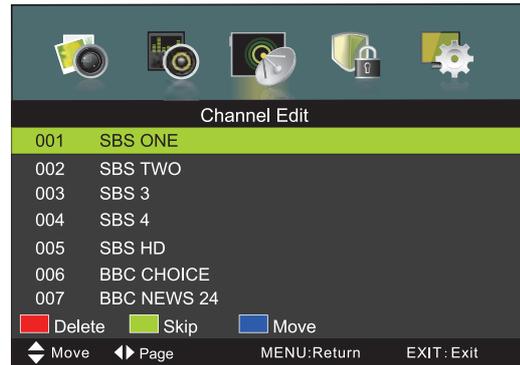


## Using the menus

### Channel Edit (Channel editing)

Use the ▲/▼ buttons to select **Channel Edit (Channel editing)** and the **OK /▶** button to enter the submenu.

-    The coloured buttons are used as short cut buttons for programming channels. First use the ▲/▼ buttons to highlight a channel that you wish to delete, move or skip and then:
- **With the red** button delete the channel.
  - **With the green** button set the skip channel function.
  - **With the blue** button designate a channel that is to be moved. Then use the ▲/▼ buttons to select a position where you wish to move the channel to.



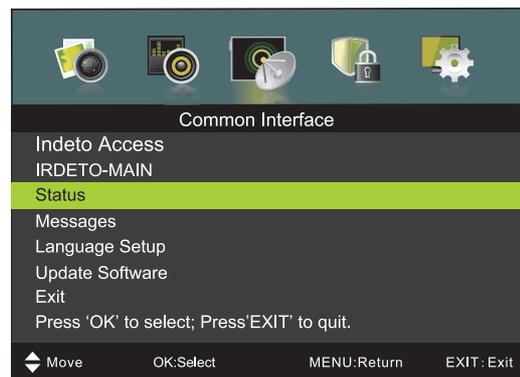
### Favorite Manager (Favourites manager)

Use the ▲/▼ buttons to select **Favorite Manager (Favourites manager)**, then press the **OK** button to enter the submenu.



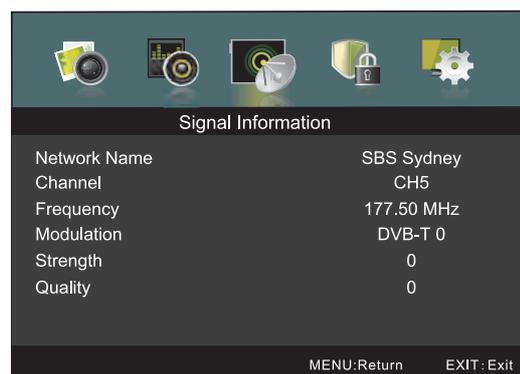
### Common Interface (CI interface)

Use the ▲/▼ buttons to select **Common Interface (CI interface)** and use the **OK/▶** button to enter the submenu. The mode is available when a CI card is inserted in the DTV mode.



### Signal Information (Information about the signal)

Use the ▲/▼ buttons to select **Signal Information (Information about the signal)** and then use the **OK** button to enter the submenu for displaying detailed signal information. This function is only available in the DTV mode.





# Using the menus

## 6.4 Lock (Lock) menu

Press **MENU** to show the main menu.

Use the ◀/▶ buttons to select **Lock system (Lock)** and enter the menu by pressing the **OK/▼** button.

1. Press ▲/▼ to select the desired item that you wish to modify.
  2. Use the **OK/◀/▶** button to enter the submenu.
  3. After completing setup, press the **MENU** button to save and to return to the previous menu.
- The factory-set password is 0000. In the event that you forget the password that you have set, please contact an authorised service centre.



### Enable (Enable)

Use the ▲/▼ buttons to select **Enable (Enable)** and then use the ◀/▶ buttons to select **On (On)** or **Off (Off)**.

The **Channel Locks (Channel locks)**, **Parental Rating (Parental Rating)** and **Lock Keypad (Lock keypad)** submenus are available only when the function **Enable (Enable)** is turned on (On).

### Channel Locks (Channel locks)

Use the ▲/▼ buttons to select **Channel Locks (Channel locks)** and the **OK/▶** button to enter the submenu.

### Parental Rating (Parental rating)

Use the ▲/▼ buttons to select **Parental Rating (Parental rating)** and then use the ◀/▶ buttons to set the respective value.

### Lock Keypad (Lock keypad)

Serves to lock the buttons to prevent their undesirable use or settings, e.g. by small children. Use the ▲/▼ buttons to select **Lock Keypad (Lock keypad)** and then use the ◀/▶ buttons to select **On (On)** or **Off (Off)**.

### New Password (New password)

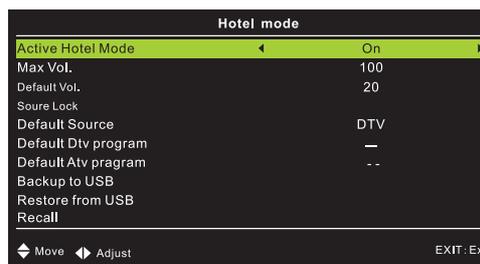
Use the ▲/▼ buttons to select **New Password (New password)** and then enter a 4-digit number. The password must be entered twice.

### Clear Lock (Delete lock)

Use the ▲/▼ buttons to select **Clear Lock (Delete lock)**.

### Hotel mode(Hotel model)

Use the ▲/▼ buttons to select **Hotel mode(Hotel model)**.



### Active Hotel Mode

Press ▼ / ▲ button to select **Active Hotel Mode**, then press ◀ / ▶ button to select on/off.

### Max Vol.

Press ▼ / ▲ button to select **Max Vol.**, then press ◀ / ▶ button to adjust.

### Default Vol.

Press ▼ / ▲ button to select **Default Vol.**, then press ◀ / ▶ button to adjust.

### Source Lock

Press ▼ / ▲ button to select **Source Lock**, then press OK button to enter sub-menu.

### Default Source / Default Dtv Program / Default ATv program

Press ▼ / ▲ button to select **Default Source / Default Dtv Program / Default ATv program**, then press ◀ / ▶ button to adjust.

### Backup to USB / Restore from USB / Recall

Press ▼ / ▲ button to select **Backup to USB / Restore from USB / Recall**, then press OK button to adjust.



## Using the menus

### 6.5 Setup menu (Setup)

Press **MENU** to show the main menu.

Use the **◀/▶** buttons to select **Setup (Setup)** and enter the menu by pressing the **OK/▼** button.



1. Press **▲/▼** to select the desired item that you wish to modify.
2. Use the **OK/◀/▶** button to enter the submenu.
3. After completing setup, press the **MENU** button to save and to return to the previous menu.

#### OSD Language (OSD language)

Use the **▲/▼** buttons to select **OSD Language (OSD language)** and perform the setting using the **◀/▶** buttons.

#### Audio Languages (Audio languages)

Use the **▲/▼** buttons to select **Audio Languages (Audio languages)** and then use the **OK** button to enter the submenu.

Use the **▲/▼/◀/▶** buttons to select the primary (Audio Primary Language) and the secondary (Audio Secondary Language) audio language.



#### Subtitle (Subtitles)

Use the **▲/▼** buttons to select **Subtitle (Subtitles)** and then use the **OK** button to enter the submenu.

#### Mode (Mode)

Use the **▲/▼** buttons to select **Mode (Mode)** and use the **◀/▶** buttons to select **On (On)** or **Off (Off)**.

Use the **▲/▼/◀/▶** buttons to select the primary (Subtitle Primary Language) and the secondary (Subtitle Secondary Language) subtitle language.

#### Hearing Impaired (Subtitles for the hearing impaired)

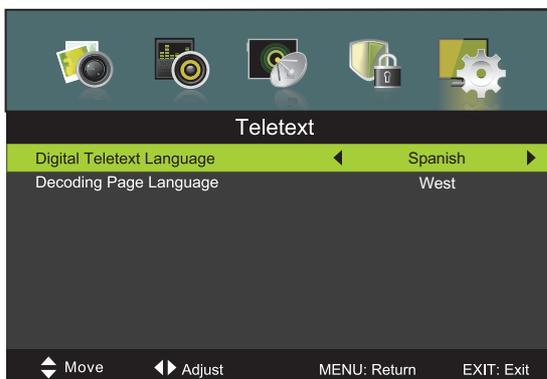
Use the **▲/▼** buttons to select **Hearing Impaired (Subtitles for the hearing impaired)** and then use the **◀/▶** buttons to select **On (On)** or **Off (Off)**.

## Using the menus

### Teletext

Teletext is only available in DTV or ATV mode.

Use the ▲/▼ buttons to select **Teletext** and use the OK/▶ button to enter the submenu



In DTV mode, use the ◀/▶ buttons to select **Digital Teletext Language (Digital teletext language)**.  
In ATV mode, use the ◀/▶ buttons to select **Decoding Page Language (Decoding page language)**.

### Blue Screen (Blue screen)

Use the ▲/▼ buttons to select **Blue Screen (Blue screen)**, then press the OK/▶ button to enter the submenu.

### Time Setting (Setting the time)

Use the ▲/▼ buttons to select **Time Setting (Time settings)** and use the OK/▶ button to enter the submenu.



## Using the menus

### OSD Time (OSD display time)

Use the ▲/▼ buttons to select **OSD Time (OSD display time)** and set the value using the ◀/▶ buttons. The following options are available: **Off (Off), 10 seconds, 20 seconds, 30 seconds, 60 seconds.**

### Sleep timer (Shut off timer)

Set the timer period after which the television will turn off automatically.

Use the ▲/▼ buttons to select **Sleep timer (Shut off timer)** and set the value using the ◀/▶ buttons. The following options are available: **Off (Off), 5 minutes, 15 minutes, 30 minutes, 60 minutes, 90 minutes, 120 minutes, 240 minutes.**

### Auto Sleep (Automatic shut-off)

Use the ▲/▼ buttons to select **Auto Sleep (Automatic shut off)** and the ◀/▶ buttons to set the value **Off (Off), 3 hours, 4 hours or 5 hours.**

### Time Zone (Time zone)

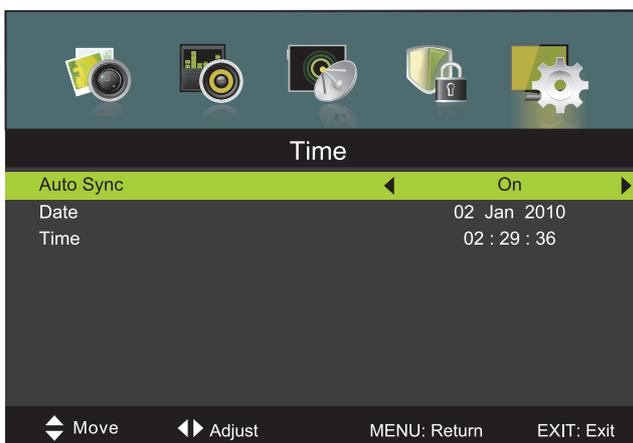
Set the time zone in which you are located.

Use the ▲/▼ buttons to select **Time Zone (Time zone)** and then use the **OK/▶** to enter the submenu.



### Time (Time)

Use the ▲/▼ buttons to select **Time (Time)** and use the **OK/▶** button to enter the submenu.



Set **Auto Sync (Automatic synchronisation)** to **Off (Off)**, **On/Off Timer (On/Off timer)** to **On (On)** and then you can set the time manually.

#### Note:

In the event of a power outage, the time will be reset and it will be necessary to set it again.

## Using the menus

### PVR Setting (PVR settings)

Use the ▲/▼ buttons to select **PVR Setting (PVR settings)** and press the **OK** button to enter the submenu. The system will check whether a USB device is connected.



### HDMI CEC Control

Use the ▲/▼ buttons to select **HDMI CEC Control** and then use the **OK** button to enter the submenu.

### First Time Setup (First time setup)

Use the ▲/▼ buttons to select **First Time Setup (First time setup)** and press the **OK** button to enter the submenu.

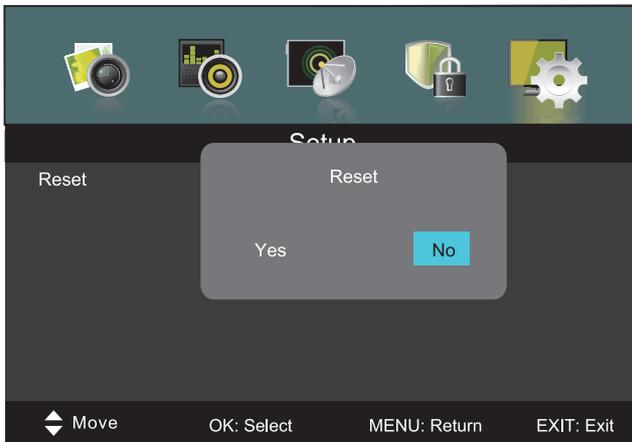
The default password is "0000".



## Using the menus

### Restore Factory Default

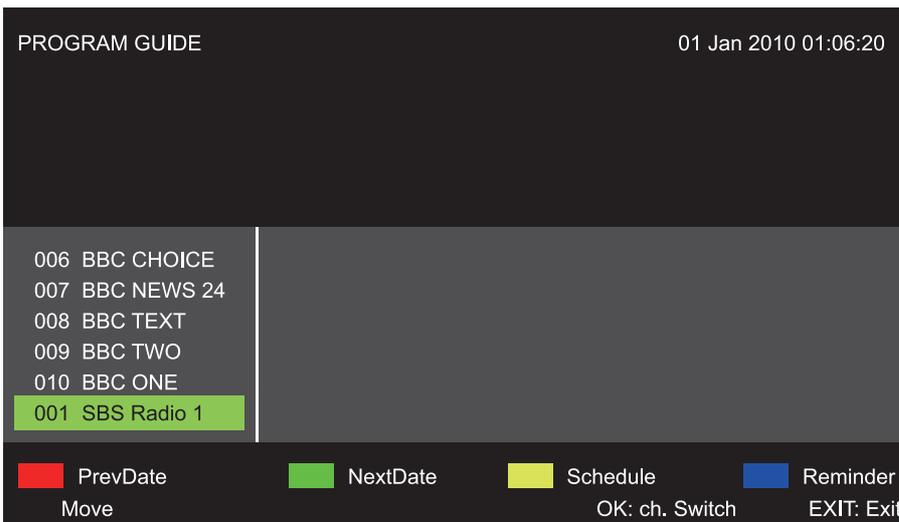
Use the ▲/▼ buttons to select **Restore Factory Default** and then use the **OK** button to enter the submenu.



You will be asked to confirm that you wish to perform a reset. Select **Yes (Yes)** to perform it.

### EPG menu

Press the **EPG** button on the remote control to enter the EPG menu.



#### Note:

The information in the EPG menu depends on the operator of the given channel.



## Using the menus

EN

### ATV / SCART / HDMI / AV / YPbPr

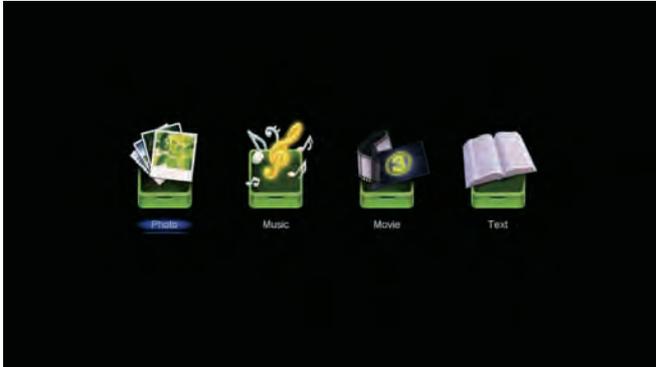
1. **PC Setting (PC settings)** in the **Picture (Picture) menu** is only available in the PC mode. **Screen Mode (Screen Mode) in the Picture (Picture) menu** is only available in the **HDMI Input (HDMI input) mode**.
2. **Audio Description (Audio description)** and **Sound Type (Sound type)** are not valid in the **Audio (Audio) menu**.
3. The SCART, HDMI, AV / YPbPr/PC **modes do not support the Channel (Channel) menu**.
4. **Parental Rating (Parental settings)** a **Channel Locks (Channel locks)** in the **Lock (Lock) menu** are not available for the SCART, HDMI, AV / YPbPr **modes**. **Parental Rating (Parental settings)** is not available for the **ATV mode**.
5. **Audio Language (Audio language), Subtitle (Subtitles)** and **PVR Setting (PVR settings)** in the **Setup (Setup) menu** are not available for the SCART, AV/PC **modes**. **Audio Language (Audio language), Subtitle (Subtitles), Teletext** and **PVR Setting (PVR settings)** in the **Setup (Setup) menu** are not available for the **HDMI / YPbPr modes**.



## 7. USB control

Before entering the **USB** menu it is necessary to first insert a USB device, then press the **SOURCE** button and select the input **USB** source.

Use the ◀/▶ buttons to select **USB** as the input source and press the **OK** button to enter the submenu.



Use the ◀/▶ buttons to select the desired item and press the **OK** button to enter the submenu.

### 7.1 Photo (Photos)

Use the ◀/▶ buttons to select **Photo (Photos)** from the main menu and press the **OK** button to enter the submenu.

Use the ◀/▶ buttons to select a drive disk and press the **OK** button to enter the disk menu.

Use the ◀/▶ buttons to select the option to return to the previous menu.

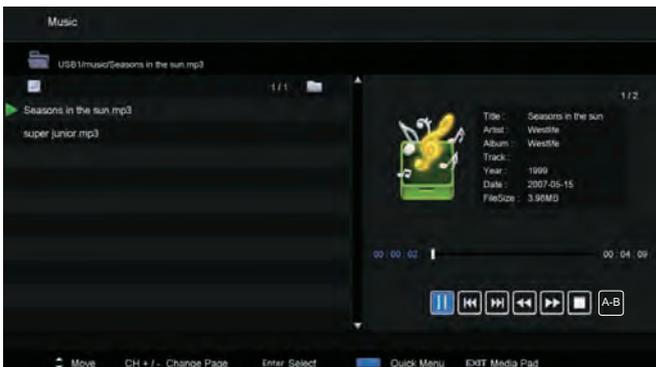


### 7.2 Music (Music)

Use the ◀/▶ buttons to select **Music (Music)** from the main menu and press the **OK** button to enter the submenu.

Use the ▲/▼ buttons to select a drive disk and press the **OK** button to enter the disk menu.

Use the ▲/▼ buttons to select the option to return to the previous menu.





## USB control

EN

When the selected item is highlighted, file information will be shown on the right hand side.

### 7.3 Movie (Movie)

Use the ◀/▶ buttons to select **Movie (Movie)** from the main menu and press the **OK** button to enter the submenu.

Use the ▲/▼ buttons to select a drive disk and press the **OK** button to enter the disk menu.

Use the ▲/▼ buttons to select the option to return to the previous menu.

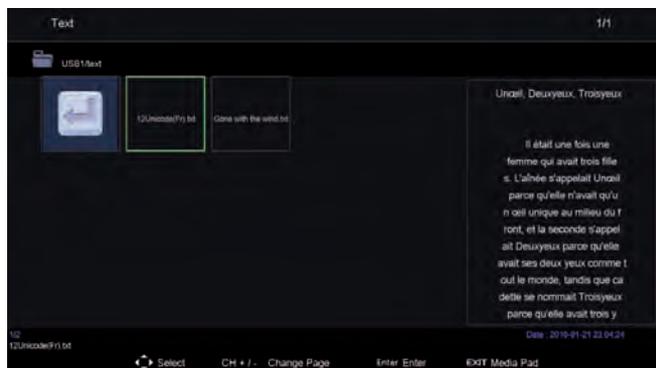


### 7.4 Text (Text)

Use the ◀/▶ buttons to select **Text (Text)** from the main menu and press the **OK** button to enter the submenu.

Use the ▲/▼ buttons to select a drive disk and press the **OK** button to enter the disk menu.

Use the ◀/▶ buttons to select the option to return to the previous menu.



When the selected item is highlighted, file information will be shown on the right hand side.



## Troubleshooting guide

### 8. Troubleshooting guide

#### Troubleshooting

Before contacting the service centre, please perform the following simple checks. If problems persist, disconnect the TV and contact a service centre.

PROBLEM	POSSIBLE SOLUTION
No picture and sound	<ul style="list-style-type: none"> <li>- Check that the power cord is connected to the wall power socket.</li> <li>- Check that you have not pressed the POWER button on the front panel of the TV receiver.</li> <li>- Check the brightness and contrast settings.</li> </ul>
Normal picture but no sound.	<ul style="list-style-type: none"> <li>- Check the volume.</li> <li>- Is the sound muted? Press the MUTE button.</li> <li>- Try another channel, the problem may be on the other side of the broadcast.</li> <li>- Are the audio cables connected correctly?</li> </ul>
The remote control does not work.	<ul style="list-style-type: none"> <li>- Check that there is no obstacle between the television and the remote control.</li> <li>- Are the batteries inserted correctly?</li> <li>- Is the control mode setup correctly? TV, VCR etc.?</li> <li>- Insert new batteries.</li> </ul>
The TV suddenly turns off.	<ul style="list-style-type: none"> <li>- Is the time switch set?</li> <li>- Check the power supply settings. Power supply interruption.</li> <li>- The automatic shut off function is set and the tuned station is not transmitting a signal, or perhaps the remote control has not been used for a longer period of time.</li> </ul>
The picture appears slowly after the television is turned on.	<ul style="list-style-type: none"> <li>- This is normal; during the initialisation process of the appliance the picture is turned off. If the picture does not appear within five minutes, please contact your service centre.</li> </ul>
No colours or wrong colours or poor picture quality	<ul style="list-style-type: none"> <li>- Set the colours in the options menu.</li> <li>- Maintain a sufficient distance between the television and the video recorder.</li> <li>- Try another channel, the problem may be on the other side of the broadcast.</li> <li>- Are the video cables connected correctly?</li> <li>- Activate one of the functions for renewing the brightness of the picture.</li> </ul>
Horizontal/vertical strip or broken picture.	<ul style="list-style-type: none"> <li>- Check that local interference is not occurring, e.g. from other electrical appliances.</li> </ul>
Poor reception of certain channels	<ul style="list-style-type: none"> <li>- Problems with the station or cable television. Tune into another station or frequency of the same station.</li> <li>- The station signal is weak or is experiencing interference, redirect your antenna or have it inspected. (A bad antenna is the most frequent cause of reception problems).</li> <li>- Identify the source of any interference.</li> </ul>
Lines or stripes in the picture	<ul style="list-style-type: none"> <li>- Check the antenna (change the direction of the antenna).</li> </ul>
No output from one of the loudspeakers	<ul style="list-style-type: none"> <li>- Set the balance in the options menu.</li> </ul>

## Troubleshooting guide

### Note:

Problem in the VGA mode (only for the VGA mode).

PROBLEM	POSSIBLE SOLUTION
The signal is out of range.	<ul style="list-style-type: none"> <li>- Set the resolution, horizontal frequency or vertical frequency.</li> <li>- Check whether a signal cable has not come loose.</li> <li>- Check the input source.</li> </ul>
Vertical stripe or band on the background and horizontal noise and incorrect position of the picture.	<ul style="list-style-type: none"> <li>- Launch automatic setup or adjust the timing, phase or horizontal/vertical shift.</li> </ul>
Inconsistent colours or single-colour picture.	<ul style="list-style-type: none"> <li>- Check the signal cable.</li> <li>- Reinstall the video card in the PC.</li> </ul>

### Maintenance

Appropriate maintenance can prevent premature ageing of the appliance. Regular and thorough cleaning can prolong the lifetime of your television. Do not forget to turn off the power supply and disconnect the power cord before cleaning.

#### Cleaning the screen

1. Dampen a soft wiping cloth into a solution of lukewarm water and dishwashing detergent. Wring out the cloth until it is almost dry and then use it to wipe the screen.
2. Make sure that no water remains on the screen; allow the appliance to completely dry before turning it on.

#### Cleaning the cabinet

Wipe dirt and dust away using a soft dry wiping cloth. Do not use a damp wiping cloth.

#### In the event of a long term absence



If you will not be using the television for a longer period of time (for example during vacation time), it is advisable to disconnect the power cord and in this way protect the appliance against possible damage by lightning or overvoltage in the power grid.

## Technical specifications

### 9. Technical specifications

Display Device	DLED TV 28" (71,12cm) with HD
Resolution	1366 x 768
Display Colors	16.7M
Contrast Ratio	1200:1
Aspect Ratio	16:9
Life Time	30,000 Hrs
USB Multimedia Playback Format	Movie: AVI, MPEG, MPE, WMV, TS
	Music: WAV, AAC, MP3
	Photo: JPEG, JPG
	Text: TXT
Power Source	100-240V, 50/60Hz
Power ConsumptionW	40W
Operation Temperature	-5°C to 45°C

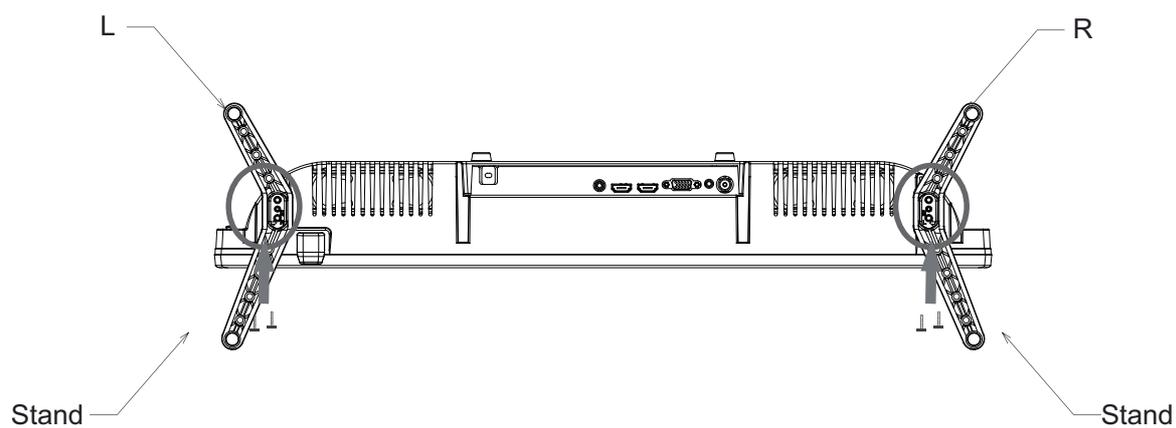
Specifications are subject to change without notice.

## Installing the Stand

EN

### 10. Installing the Stand:

1. Place the TV screen side down on a soft and flat surface.
2. Install the device on a stand and secure it by tightening the screws from the bottom of the stand.



## GENERAL TROUBLESHOOTING

### 11. Check the following points before assuming malfunctions of this unit:

Symptom[COMMON]	Remedy
No power.	Insert the power plug securely into the power outlet.
No picture.	Ensure that the equipment is connected properly.
<ul style="list-style-type: none"> <li>No sound.</li> <li>Distorted sound.</li> </ul>	<ul style="list-style-type: none"> <li>Ensure that the equipment is connected properly.</li> <li>Ensure that the input setting for the TV and stereo system are correct.</li> <li>Adjust the master volume to a suitable volume by pressing VOL+/VOL- button.</li> </ul>
No operations can be performed with the remote control unit.	<ul style="list-style-type: none"> <li>Check the batteries are installed with the correct polarities.</li> <li>The batteries are exhausted: replace them with new ones.</li> <li>Point remote control at the remote control sensor and operate it again.</li> <li>Operate the remote control unit at a distance of no more than 6m from the remote control sensor.</li> <li>Remove the obstacles between the remote control and remote control sensor.</li> </ul>
No key operation (by the main unit and/or the remote control unit) is effective.	Disconnect the power plug and then reconnect it. (The player may not be operating properly due to lightning, static electricity or some other factors.)
Symptom[TV]	Remedy
No or poor picture.	<ul style="list-style-type: none"> <li>Adjust antenna or use an external antenna.</li> <li>Relocate the unit near a window (if inside a building).</li> <li>Move units away from this product that causes interference.</li> <li>Do Auto Tuning again.</li> <li>Try another channel.</li> </ul>
No sound or poor sound.	<ul style="list-style-type: none"> <li>Check the audio settings.</li> <li>Press MUTE button on remote control to cancel mute function.</li> <li>Unplug the headphone.</li> </ul>
Noise or other interface.	Electronic equipment near the unit is causing interface. Relocate the unit or move the equipment.

## Disposal of used electrical and electronic appliances



The European Directive 2002/96 /EC on Waste Electrical and Electronic Equipment (WEEE) required that old household electrical appliances must not be disposed of in the normal unsorted municipal waste stream. Old appliances must be collected separately in order to optimize the recovery and recycling of the material they contain, and reduce the impact on human health and the environment. The crossed out "wheeled bin" symbol on the product remind you of your obligations that when you dispose of the appliance, it must be separately collected.

Besides that, waste batteries and/or accumulator must be removed prior to delivery of WEEE, through the separated collection channels provided for this purpose (distributors and/or facilities from Local Authorities).



## DECLARACIÓN DE CONFORMIDAD

NEVIR, S.A. Declara bajo su responsabilidad que el aparato indicado cumple los requisitos de las siguientes directivas:

## DIRECTIVA EMC

EN 55013: 2013

EN 55020: 2007+A11: 2011

EN 61000-3-2: 2014

EN 61000-3-3: 2013

## LOW VOLTAGE DIRECTIVA EEC

EN 60065: 2014

Descripciones del aparato: TELEVISIÓN LED 28"

Modelo(s) NEVIR: NVR-7421-28HD-N

Importador: NEVIR, S.A.

Dirección del importador: NEVIR, S.A.

C/ Canteros, 14

Parque Empresarial Puerta de Madrid

28830 San Fernando de Henares, Madrid

