

Manual de usuario

32HFL5014
43HFL5014
43HFL6014U
50HFL5014
50HFL6014U
55HFL6014U
65HFL6014U

PHILIPS

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Presentación del televisor

Modo profesional

Lo que puede hacer

Con el modo profesional activado, puede acceder a un gran número de ajustes avanzados que permiten un control avanzado del estado del televisor o añadir funciones adicionales.

Este modo está diseñado para instalaciones de televisores en espacios como hoteles, cruceros, estadios o cualquier otra zona empresarial en la que se requiera dicho control.

Si utiliza el televisor en casa, se recomienda hacerlo con el modo profesional desactivado.

Consulte el manual de instalación profesional para obtener más información.

Instalación

2.1

Instrucciones de seguridad

Lea las instrucciones de seguridad antes de utilizar el televisor.

2.2

Soporte del televisor y montaje en pared

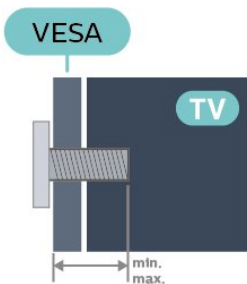
Soporte del televisor

Puede consultar las instrucciones de montaje del soporte del televisor en la guía de inicio rápido que incluye el televisor. Si ha perdido la guía, puede descargarla en www.philips.com.

Utilice el número de producto del televisor para buscar la **guía de inicio rápido** correspondiente y descargarla.

Montaje en pared

El televisor también admite un soporte de montaje en pared compatible con VESA (se vende por separado). Utilice el siguiente código VESA cuando compre el soporte de montaje en pared. . .



- 43HFL6014U
VESA MIS-F 200x200, M6 (mín.: 10 mm, máx.:15 mm)
- 50HFL6014U
VESA MIS-F 200x200, M6 (mín.: 10 mm, máx.:15 mm)
- 55HFL6014U
VESA MIS-F 300x200, M6 (mín.: 11 mm, máx.: 14 mm)
- 65HFL6014U
VESA MIS-F 400x200, M6 (mín.: 11 mm, máx.: 14 mm)

- 32HFL5014
VESA MIS-F 100, M6 (mín.: 12 mm, máx.: 15 mm)
- 43HFL5014
VESA MIS-F 200x200, M6 (mín.: 12 mm, máx.: 15 mm)
- 50HFL5014
VESA MIS-F 200x200, M6 (mín.: 10 mm, máx.:16 mm)

Preparación

En primer lugar, retire las cuatro tapas de plástico de los casquillos roscados para tornillos de la parte posterior del televisor (para 5014 de 43" y 6014U). Asegúrese de insertar los tornillos de metal aproximadamente 10 mm en los casquillos roscados para montar el televisor en el soporte compatible con VESA.

Precaución

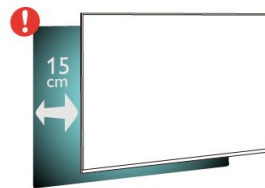
El montaje en pared requiere conocimientos técnicos y solo puede llevarlo a cabo el personal cualificado. Además, el montaje en pared debe cumplir los requisitos de seguridad correspondientes al peso del televisor. Antes de colocarlo, lea también las precauciones de seguridad.

TP Vision Europe B.V. no asume ninguna responsabilidad por el montaje inadecuado del televisor ni por cualquier montaje que provoque accidentes o lesiones.

2.3

Sugerencias de colocación

- Coloque el televisor donde la luz no refleje directamente en la pantalla.
- La distancia ideal para ver la televisión es tres veces el tamaño diagonal de la pantalla. Mientras se está sentado, los ojos deberían quedar a la altura del centro de la pantalla.
- Si va a realizar un montaje en pared, coloque el televisor a una distancia máxima de 15 cm de la pared.



Nota:

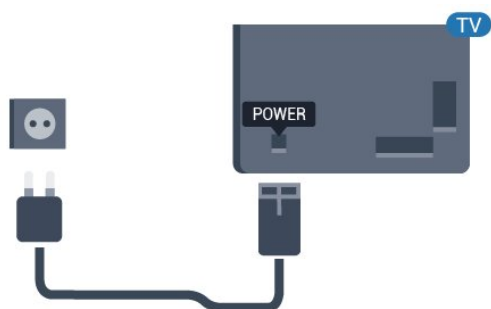
Mantenga el televisor alejado de fuentes de polvo, como los hornillos de la cocina. Se recomienda limpiar el polvo con regularidad para evitar que este

se introduzca en el televisor.

2.4

Cable de alimentación

- Enchufe el cable en el conector **POWER** de la parte posterior del televisor.
- Asegúrese de que el cable de alimentación esté bien insertado en el conector.
- Asegúrese de que el enchufe de la toma de alimentación de la pared permanece accesible en todo momento.
- Al desconectar el cable de alimentación, tire siempre del enchufe, nunca del cable.



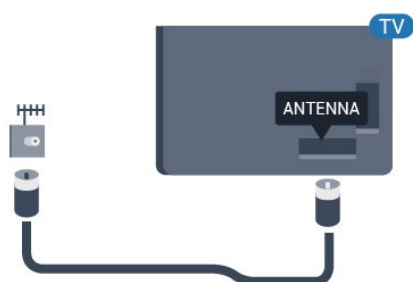
2.5

Cable de antena

Inserte el conector de la antena con firmeza en la toma de la antena de la parte posterior del televisor.

Puede conectar su propia antena o conectar una señal de antena de un sistema de distribución de antena. Utilice un conector de antena RF coaxial IEC de 75 ohmios.

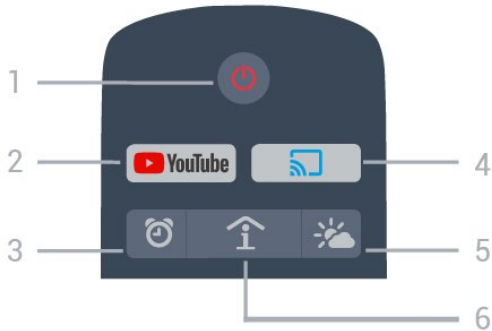
Utilice esta conexión de antena para las señales de entrada de TDT y TDC.



Mando a distancia

Descripción de los botones

Parte superior



1 - En espera / Encendido

Para encender el televisor o volver al modo de espera.

2 - YouTube

Para abrir YouTube.

3 - Alarma (solo con modo profesional activado)

Para ajustar la alarma.

4 - Google Cast (solo con modo profesional activado)

Para que aparezca el contenido de la pantalla del dispositivo móvil en el televisor.

5 - Información meteorológica (solo con modo profesional activado)

Para mostrar la información meteorológica de su ubicación.

6 - SMART INFO (solo con modo profesional activado)

Para mostrar la información proporcionada por el hotel.



1 - AJUSTES

Para abrir el menú de configuración rápida.

2 - TV GUIDE

Para abrir una lista de los programas de televisión actuales y programados de sus canales.

3 - BACK

- Para volver al canal seleccionado anteriormente.
- Para volver al menú anterior.

4 - OPTIONS

Para abrir o cerrar el menú de opciones.

5 - Botón OK

Para confirmar una selección o ajuste.

6 - Flechas/botones de desplazamiento

Para desplazarse hacia arriba , abajo , izquierda o derecha .

7 - Canal

Para cambiar al canal anterior o siguiente de la lista de canales.

8 - EXIT

Para seguir viendo la televisión.

9 - Inicio

Para abrir el menú de inicio.

Parte central

Parte inferior



1 - **🔊 Volumen**

Para ajustar el nivel de volumen.

2 - **🟠 🟢 🟡 🔵 Botones de colores**

Selección directa de las opciones.

3 - **🕒 CLOCK**

Para mostrar el reloj.

4. **☰ Canal**

Para cambiar al canal anterior o siguiente de la lista de canales.

5 - **🔇 Silenciar**

Para silenciar el sonido o restaurarlo.

flecha.

2 - Sustituya las pilas antiguas por 2 pilas **AAA-R03-1.5V**. Asegúrese de que los extremos + y - de las pilas están alineados correctamente.

3 - Vuelva a colocar la tapa de las pilas y deslícela hasta oír un clic.

- Si no va a utilizar el mando a distancia durante un largo período de tiempo, quite las pilas.

- Deseche las pilas de forma segura y conforme a las instrucciones al respecto.

3.4

Limpieza

El mando a distancia cuenta con un revestimiento resistente a los arañazos.

Para limpiar el mando a distancia, utilice un paño suave humedecido. Nunca utilice sustancias como alcohol, productos químicos o detergentes domésticos en el mando a distancia.

3.2

Sensor IR

El televisor puede recibir comandos de un mando a distancia que utilice IR (infrarrojos) para enviar los comandos. Si utiliza un mando a distancia de este tipo, asegúrese siempre de apuntar con el mando a distancia al sensor de infrarrojos de la parte frontal del televisor.

⚠ Advertencia

No coloque ningún objeto delante del sensor de infrarrojos del televisor, ya que ello podría bloquear la señal de infrarrojos.

3.3

Pilas

Si el televisor no reacciona al pulsar un botón del mando a distancia, es posible que las pilas estén agotadas.

Para sustituir las pilas, abra el compartimento del lateral del mando a distancia.



1 - Deslice la tapa en la dirección que muestra la

Encendido y apagado


Encendido o modo de espera

Asegúrese de que el televisor esté conectado a la toma de alimentación de CA. Conecte el cable de alimentación proporcionado al conector de la toma de CA situado en la parte posterior del televisor. Se encenderá el piloto indicador en la parte posterior del televisor.

Activar

Pulse  en el mando a distancia para encender el televisor. Como alternativa, pulse  Inicio. También puede pulsar el pequeño botón del joystick en la parte trasera del televisor para encenderlo en caso de no disponer de mando a distancia o de que se hayan agotado las pilas.

Cambio al modo de espera

Para activar el modo de espera en el televisor, pulse  en el mando a distancia. También puede pulsar el pequeño botón del joystick en la parte trasera del televisor.



En el modo de espera, el televisor sigue conectado a la red eléctrica pero consume muy poca energía.

Para apagar el televisor completamente, desenchufe el cable de alimentación de la toma de corriente. Cuando desenchufe el cable de alimentación, tire siempre de la clavija, nunca del cable. Asegúrese de poder acceder sin dificultad a la clavija de alimentación, al cable de alimentación y a la toma de corriente en todo momento.

Botones del TV


Si ha perdido el mando a distancia o se han agotado las pilas, todavía puede realizar algunas operaciones básicas en el televisor.

Para abrir el menú básico:

1 - Con el televisor encendido, pulse el botón con el símbolo de joystick de la parte posterior del televisor


para ver el menú básico.

2 - Pulse izquierda o derecha para seleccionar  Volumen,  Canal o  Fuentes.

Seleccione  Demo para iniciar un vídeo de demostración.

3 - Pulse arriba o abajo para ajustar el volumen o sintonizar el canal siguiente o anterior. Pulse arriba o abajo para desplazarse por la lista de fuentes, incluida la selección del sintonizador. Presione el joystick para iniciar el vídeo de demostración.

4 - El menú desaparecerá automáticamente.

Para poner en el modo de espera el televisor, seleccione  y pulse el botón del joystick.



Accesorios

5.1

Medio ambiente

Etiqueta energética europea

La etiqueta energética europea le informa de la clase de eficiencia energética de este producto. Cuanto más ecológica sea la clase de eficiencia energética, menos energía consumirá el producto. En la etiqueta aparece la clase de eficiencia energética, el consumo de energía medio de este producto en funcionamiento, así como el consumo medio durante 1 año. Los valores de consumo de energía de este producto también se indican en la página correspondiente a su país del sitio web de Philips en www.philips.com/TV.

Ficha del producto

43HFL6014U

- Clase de eficiencia energética: A
- Tamaño de pantalla visible: 108 cm/43 pulgadas
- Consumo de energía (W) en modo encendido: 67 W
- Consumo anual de energía (kWh)*: 98 kWh
- Consumo de energía (W) en modo de espera**: 0,3 W
- Resolución de pantalla (píxeles): 3840 x 2160p

50HFL6014U

- Clase de eficiencia energética: A+
- Tamaño de pantalla visible: 126 cm/50 pulgadas
- Consumo de energía (W) en modo encendido: 70 W
- Consumo anual de energía (kWh)*: 103 kWh
- Consumo de energía (W) en modo de espera**: 0,3 W
- Resolución de pantalla (píxeles): 3840 x 2160p

55HFL6014U

- Clase de eficiencia energética: A+
- Tamaño de pantalla visible: 139 cm/55 pulgadas
- Consumo de energía (W) en modo encendido: 84 W
- Consumo anual de energía (kWh)*: 123 kWh
- Consumo de energía (W) en modo de espera**: 0,3 W
- Resolución de pantalla (píxeles): 3840 x 2160p

65HFL6014U

- Clase de eficiencia energética: A+
- Tamaño de pantalla visible: 164 cm/65 pulgadas
- Consumo de energía (W) en modo encendido: 105 W
- Consumo anual de energía (kWh)*: 154 kWh
- Consumo de energía (W) en modo de espera**: 0,3 W

- Resolución de pantalla (píxeles): 3840 x 2160p

32HFL5014

- Clase de eficiencia energética: A+
- Tamaño de pantalla visible: 80 cm/32 pulgadas
- Consumo de energía (W) en modo encendido: 29 W
- Consumo anual de energía (kWh)*: 43 kWh
- Consumo de energía (W) en modo de espera**: 0,35 W
- Resolución de pantalla (píxeles): 1920 x 1080

43HFL5014

- Clase de eficiencia energética: A+
- Tamaño de pantalla visible: 108 cm/43 pulgadas
- Consumo de energía (W) en modo encendido: 48 W
- Consumo anual de energía (kWh)*: 71 kWh
- Consumo de energía (W) en modo de espera**: 0,3 W
- Resolución de pantalla (píxeles): 1920 x 1080

50HFL5014

- Clase de eficiencia energética: A++
- Tamaño de pantalla visible: 126 cm/50 pulgadas
- Consumo de energía (W) en modo encendido: 49 W
- Consumo anual de energía (kWh)*: 72 kWh
- Consumo de energía (W) en modo de espera**: 0,3 W
- Resolución de pantalla (píxeles): 1920 x 1080

*Consumo anual de energía en kWh, basado en el consumo de un televisor en funcionamiento 4 horas al día durante 365 días. El consumo real de energía dependerá del uso que se haga del televisor.

**Cuando se apaga el televisor con el mando a distancia y no hay ninguna función activa.

Fin de la vida útil

Cómo deshacerse del producto antiguo y de las pilas

Este producto se ha diseñado y fabricado con materiales y componentes de alta calidad, que se pueden reciclar y volver a utilizar.



Cuando aparece este símbolo de cubo de basura tachado en un producto, significa que cumple la directiva europea 2012/19/UE.



Infórmese acerca del sistema de reciclaje de productos eléctricos y electrónicos de su localidad.

Cumpla la legislación local y no deseche los productos usados con la basura normal del hogar. El desecho correcto del producto usado ayuda a evitar consecuencias potencialmente negativas para el medio ambiente y la salud humana.

El producto contiene pilas cubiertas por la directiva europea 2006/66/CE, que no se pueden eliminar con la basura doméstica normal.



Infórmese sobre la legislación local sobre la recogida de pilas. La eliminación correcta ayuda a evitar consecuencias negativas para el medio ambiente y la salud humana.

5.2

Potencia

Las especificaciones del producto están sujetas a cambios sin previo aviso. Para obtener más información acerca de las especificaciones de este producto, visite www.philips.com/support.

Potencia

- Red eléctrica: CA 220-240 V +/-10 %
- Temperatura ambiente: De 5 °C a 35 °C
- Funciones de ahorro de energía: Modo Eco, silenciar pantalla (para radio), temporizador de apagado automático, menú de ajustes ecológicos.

Para obtener más información sobre el consumo de energía, consulte el capítulo **Ficha del producto**.

5.3

Sistema operativo

Android OS:

Android Nougat 7

5.4

Recepción

- Entrada de antena: coaxial de 75 ohmios (IEC75)
- Bandas de sintonización: Hyperband, S-Channel, UHF, VHF
- DVB: DVB-T2, DVB-C (cable) QAM
- Reproducción de vídeo analógico: SECAM, PAL
- Reproducción de vídeo digital: MPEG2 SD/HD (ISO/IEC 13818-2), MPEG4 SD/HD (ISO/IEC 14496-10), HEVC*
- Reproducción de audio digital (ISO/IEC 13818-3)
- Intervalo de frecuencias de entrada: de 950 a 2150 MHz

- Intervalo de niveles de entrada: de 25 a 65 dBm

* Solo para DVB-T2

5.5

Tipo de pantalla (6014U)

Tamaño de pantalla diagonal

- 108 cm/43 pulgadas
- 126 cm/50 pulgadas
- 139 cm/55 pulgadas
- 164 cm/65 pulgadas

Resolución de la pantalla

- 3840 x 2160

5.6

Tipo de pantalla (5014)

Tamaño de pantalla diagonal

- 80 cm/32 pulgadas
- 108 cm/43 pulgadas
- 126 cm/50 pulgadas

Resolución de la pantalla

- 1920 x 1080

5.7

Resolución de entrada de la pantalla (6014U)

Formatos de vídeo

Resolución: frecuencia de actualización

- 480i - 60 Hz
- 480p - 60 Hz
- 576i - 50 Hz
- 576p - 50 Hz
- 720p - 50 Hz, 60 Hz
- 1080i - 50 Hz, 60 Hz
- 1080p: 24 Hz, 25 Hz, 30 Hz
- 2160p: 24 Hz, 25 Hz, 30 Hz, 50 Hz, 60 Hz

Formatos informáticos

Resoluciones (entre otras)

- 640 x 480 - 60 Hz
- 800 x 600 - 60 Hz
- 1024 x 768 - 60 Hz
- 1280 x 768 - 60 Hz
- 1360 x 768 - 60 Hz
- 1360 x 768 - 60 Hz
- 1280 x 1024 - 60 Hz
- 1920 x 1080 - 60 Hz
- 3840 x 2160 - 60 Hz

Resolución de entrada de la pantalla (5014)

Formatos de vídeo

Resolución: frecuencia de actualización

- 480i - 60 Hz
- 480p - 60 Hz
- 576i - 50 Hz
- 576p - 50 Hz
- 720p - 50 Hz, 60 Hz
- 1080i - 50 Hz, 60 Hz
- 1080p: 24 Hz, 25 Hz, 30 Hz

Formatos informáticos

Resoluciones (entre otras)

- 640 x 480 - 60 Hz
- 800 x 600 - 60 Hz
- 1024 x 768 - 60 Hz
- 1280 x 768 - 60 Hz
- 1360 x 765 - 60 Hz
- 1360 x 768 - 60 Hz
- 1280 x 1024 - 60 Hz
- 1920 x 1080 - 60 Hz

Conectividad (6014U)

Parte lateral del televisor

- Ranura de interfaz común: CI+/CAM
- USB 1: USB 2.0
- USB 2: USB 3.0
- Auriculares: miniconector estéreo de 3,5 mm
- Entrada HDMI 1 - ARC - MHL - Ultra HD
- Entrada HDMI 2 - ARC - Ultra HD

Parte inferior del televisor

- Entrada de audio VGA
- Red LAN: RJ45
- HDMI ARC de 3 entradas
- Antena (75 ohmios)
- USB 3: USB 2.0
- Salida de audio, Toslink óptica
- VGA

Parte posterior del televisor

- Salida de 12 V de CC
- 8 Ω Salida de audio
- DATA(RJ-48)

Conectividad (5014)

Parte lateral del televisor

- Ranura de interfaz común: CI+/CAM
- USB 1: USB 3.0
- Auriculares: miniconector estéreo de 3,5 mm
- HDMI 1 en - ARC - MHL

Parte posterior del televisor

- Red LAN: RJ45
- HDMI ARC de 2 entradas
- Antena (75 ohmios)
- USB 2: USB 2.0
- Salida de audio, Toslink óptica
- Salida de 12 V de CC
- 8 Ω Salida de audio
- DATA(RJ-48)

Dimensiones y pesos

43HFL6014U

- Sin soporte de TV:
Anchura: 971,3 mm - Altura: 563,53 mm - Profundidad: 77,3 mm - Peso: \pm 8,92 kg
- Con soporte de TV:
Anchura: 971,3 mm - Altura: 628,61 mm - Profundidad: 205 mm - Peso: \pm 11,37 kg

50HFL6014U

- Sin soporte de TV:
Anchura: 1128,4 mm - Altura: 653 mm - Profundidad: 78,2 mm - Peso: \pm 13,11 kg
- Con soporte de TV:
Anchura: 1128,4 mm - Altura: 715,43 mm - Profundidad: 225 mm - Peso: \pm 15,93 kg

55HFL6014U

- Sin soporte de TV:
Anchura: 1244,2 mm - Altura: 719 mm - Profundidad: 78,4 mm - Peso: \pm 18,44 kg
- Con soporte de TV:
Anchura: 1244,2 mm - Altura: 783,9 mm - Profundidad: 225,2 mm - Peso: \pm 21,29 kg

65HFL6014U

- Sin soporte de TV:
Anchura: 1462,3 mm - Altura: 844,7 mm - Profundidad: 87,5 mm - Peso: \pm 24,45 kg
- Con soporte de TV:
Anchura: 1462,3 mm - Altura: 905,75 mm - Profundidad: 279,1 mm - Peso: \pm 25,2 kg

32HFL5014

- Sin soporte de TV:
Anchura: 731,8 mm - Altura: 435,31 mm - Profundidad: 77,3 mm - Peso: \pm 4,61 kg
- Con soporte de TV:

Anchura: 731,8 mm - Altura: 494,14 mm - Profundidad:
179,31 mm - Peso: ± 4,68 kg

43HFL5014

· Sin soporte de TV:

Anchura: 969,6 mm - Altura: 565,6 mm -
Profundidad: 80,5 mm - Peso: ± 7,19 kg

· Con soporte de TV:

Anchura: 969,6 mm - Altura: 624,2 mm -
Profundidad: 194 mm - Peso: ± 7,27 kg

50HFL5014

· Sin soporte de TV:

Anchura: 1127,6 mm - Altura: 655,3 mm - Profundidad:
85,9 mm - Peso: ± 11,25 kg

· Con soporte de TV:

Anchura: 1127,6 mm - Altura: 714,8 mm - Profundidad:
218,9 mm - Peso: ± 11,61 kg

5.12

Sonido

- Potencia de salida (RMS): 20 W (32HFL5014/12:
16 W)
- Dolby Audio
- DTS HD

Conexión de dispositivos

Conexión de dispositivos

Guía de conectividad

Conecte los dispositivos al televisor siempre con la conexión de mayor calidad posible. Además, utilice cables de alta calidad para garantizar una buena transferencia de imagen y sonido.

Cuando se conecta un dispositivo, el televisor reconoce su tipo y le otorga un nombre de tipo correcto. Puede cambiar el nombre del tipo si lo desea. Si se ha establecido un nombre de tipo correcto para un dispositivo, el televisor cambia automáticamente a la configuración idónea del televisor cuando se cambia a ese dispositivo en el menú Fuentes.




Puerto de la antena




Si dispone de un receptor o grabador digital, conecte los cables de antena para transmitir la señal de antena a través del receptor o grabador en primer lugar antes de que llegue al televisor. De esta forma, la antena y el receptor digital podrán enviar los posibles canales adicionales para que se graben en el grabador.



Puertos HDMI


Control de dispositivos

Para controlar un dispositivo conectado mediante HDMI y configurarlo con EasyLink, seleccione el dispositivo (o su actividad) en la lista de conexiones del televisor.

Modo profesional desactivado – Pulse  Inicio, seleccione  Aplicaciones, seleccione  SOURCES . Seleccione un dispositivo conectado a una conexión HDMI y pulse **OK**.

Modo profesional activado – Pulse  Inicio, seleccione  Canales de televisión, seleccione  Fuentes. Seleccione un dispositivo conectado a una conexión HDMI y pulse **OK**.

Una vez seleccionado el dispositivo, podrá controlarlo con el mando a distancia. Sin embargo los botones  Inicio y  OPTIONS y algunos otros botones del televisor no tienen efecto sobre el dispositivo. Si el botón que necesita no se encuentra en el mando a distancia del televisor, puede seleccionarlo en el menú Opciones.

Pulse  OPTIONS y seleccione **Controles** en la barra de menús. En la pantalla, seleccione el botón del dispositivo que necesita y pulse **OK**.

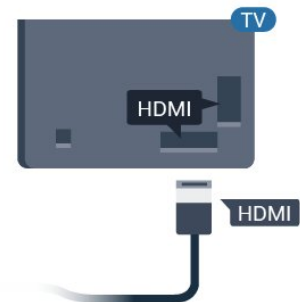
Puede que algunos botones del dispositivo muy específicos no estén disponibles en el menú Controles.

Nota: Solo los dispositivos que admiten la función **Mando a distancia de EasyLink** responderán al mando a distancia del televisor.

Calidad HDMI

La conexión HDMI ofrece la mejor calidad de imagen y sonido. Un cable HDMI combina señales de vídeo y audio. Utilice un cable HDMI para señales de televisión.

Para una calidad óptima de la transferencia de la señal, emplee un cable HDMI de alta velocidad y no use un cable HDMI de más de 5 m de largo.



Protección contra copia

Los cables HDMI admiten la protección de contenido digital de banda ancha (HDCP). HDCP es una señal de protección contra copia que impide copiar contenidos de DVD o Blu-ray Disc. Esta tecnología también es conocida como gestión de derechos digitales (DRM, del inglés Digital Rights Management).

HDMI ARC

Todas las conexiones HDMI del televisor tienen **HDMI ARC** (canal de retorno de audio).

Si el dispositivo, normalmente un sistema de cine en casa (HTS), también dispone de conexión HDMI ARC, conéctelo a cualquiera de las conexiones HDMI del televisor. Con la conexión HDMI ARC, no es necesario conectar un cable de audio adicional para que envíe

el sonido de la imagen del televisor al sistema de cine en casa. La conexión HDMI ARC combina ambas señales.

Puede utilizar cualquier conexión HDMI del televisor para conectar el sistema de cine en casa, pero el ARC solo está disponible para un dispositivo o una conexión al mismo tiempo.



cable HDMI de alta velocidad y no use un cable HDMI de más de 5 m de largo.

Puede conectar dispositivos compatibles con HDMI-CEC al televisor y controlarlos con el mando a distancia de este.

Debe activar EasyLink HDMI-CEC en el televisor y el dispositivo conectado.



HDMI MHL

Con HDMI MHL, puede enviar todo lo que vea en su smartphone o tableta Android a la pantalla del televisor.

La conexión HDMI 1 de este televisor incorpora MHL 2.0 (Mobile High-Definition Link).

Esta conexión por cable ofrece una gran estabilidad y ancho de banda, baja latencia y una reproducción de sonido de gran calidad sin interferencias. A parte de eso, la conexión MHL carga la batería del smartphone o tableta. Aunque esté conectado, el dispositivo móvil no se carga cuando el televisor está en modo de espera.

Infórmese sobre cuál es el cable MHL pasivo adecuado para su dispositivo móvil. En particular, con el conector HDMI del televisor a un lado, el tipo de conector que necesita para conectar el smartphone o tableta.

MHL, Mobile High-Definition Link y el logotipo de MHL son marcas comerciales o marcas comerciales registradas de MHL, LLC.



HDMI CEC: EasyLink

La conexión HDMI ofrece la mejor calidad de imagen y sonido. Un cable HDMI combina señales de vídeo y audio. Utilice un cable HDMI para señales de televisión de alta definición (HD). Para una calidad óptima de la transferencia de la señal, emplee un

Nota:

- EasyLink podría no funcionar con dispositivos de otras marcas.
- La funcionalidad HDMI-CEC posee diferentes nombres en función de la marca. Algunos ejemplos son: Anynet, Aquos Link, Bravia Theatre Sync, Kuro Link, Simplink y Viera Link. No todas las marcas son totalmente compatibles con EasyLink. Los nombres de marcas de HDMI CEC de ejemplo son propiedad de sus respectivos propietarios.

Activación o desactivación de EasyLink

Puede activar o desactivar EasyLink. El televisor viene con los ajustes de EasyLink activados.

Para desactivar EasyLink completamente:

Modo profesional desactivado – Pulse Inicio. Pulse (abajo), seleccione **Ajustes** y pulse **OK**.

Seleccione **Fuentes** > **EasyLink** y pulse **OK**.

Seleccione **EasyLink** y pulse **OK**.

Seleccione **Apagado** y pulse **OK**.



Pulse **BACK** varias veces si fuera necesario para cerrar el menú.

Modo profesional activado – Consulte el manual de instalación.

Mando a distancia de EasyLink

Si desea que los dispositivos se comuniquen, pero no quiere controlarlos con el mando a distancia del televisor, puede desactivar el mando a distancia de EasyLink por separado.

Para activar o desactivar el mando a distancia de EasyLink:

Modo profesional desactivado – Pulse  Inicio. Pulse  (abajo), seleccione **Ajustes** y pulse **OK**.

Seleccione **Fuentes** > **EasyLink** y pulse **OK**.

Seleccione **Mando a distancia de EasyLink** y pulse **OK**.

Seleccione **Encendido o Apagado** y pulse **OK**.

Pulse  **BACK** varias veces si fuera necesario para cerrar el menú.

Modo profesional activado – Consulte el manual de instalación.

6.2

CAM con tarjeta inteligente: CI+

CI+

Este televisor admite el acceso condicional mediante CI+.

Con CI+ puede ver programas de alta definición premium, como películas y deportes, ofrecidos por emisoras de televisión digital de su región. Están codificados por el proveedor de televisión y se descodifican con un módulo CI+ de prepago.

Los proveedores de televisión digital ofrecen un módulo CI+ (módulo de acceso condicional, CAM) junto con una tarjeta inteligente, con la suscripción a los canales premium. Estos programas tienen un alto nivel de protección contra copia.

Póngase en contacto con un proveedor de televisión digital para obtener más información sobre los términos y condiciones.



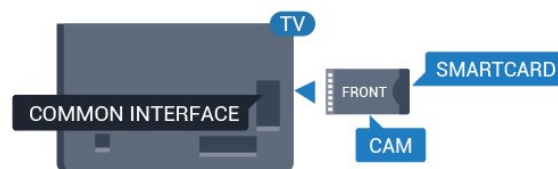
Tarjeta inteligente

Los proveedores de televisión digital ofrecen un módulo CI+ (módulo de acceso condicional, CAM) junto con una tarjeta inteligente, con la suscripción a los canales premium.

Inserte la tarjeta inteligente en el módulo CAM. Consulte las instrucciones que recibió del proveedor.

Para insertar el CAM en el televisor:

- 1 - Fíjese en el CAM para realizar la inserción en la dirección correcta. Si la inserción fuese incorrecta, se podría dañar el CAM y el televisor.
- 2 - Colóquese frente a la parte posterior del televisor y, con la parte delantera del CAM hacia usted, inserte con suavidad el CAM en la ranura **COMMON INTERFACE**.
- 3 - Presione el CAM tanto como sea posible. Déjelo dentro de la ranura de forma permanente.



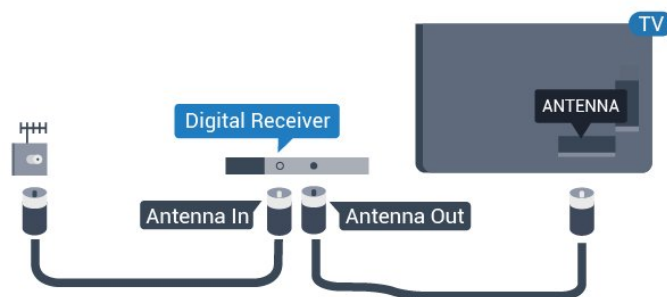
Al encender el televisor, el CAM puede tardar unos minutos en activarse. Si inserta un CAM y ha pagado las cuotas de suscripción (los métodos de suscripción pueden variar), podrá ver los canales codificados admitidos por la tarjeta inteligente y el módulo CAM.

El CAM y la tarjeta inteligente son exclusivos para el televisor. Si se quita el CAM, no será posible ver los canales codificados admitidos por el CAM.

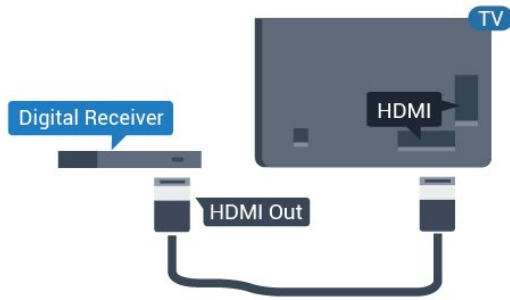
6.3

Receptor digital (STB)

Utilice dos cables de antena para conectar la antena del receptor por cable (receptor digital) y el televisor.



Junto al conector de la antena, añada un cable HDMI para conectar el receptor digital al televisor.



6.4

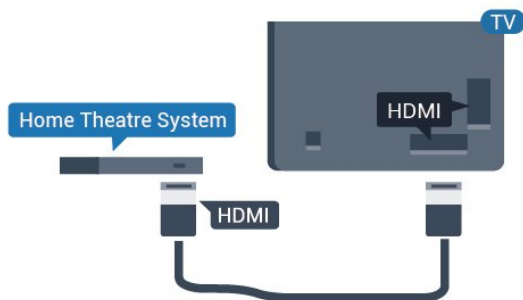
Sistema de cine en casa (HTS)

Conectar con HDMI ARC

Utilice un cable HDMI para conectar un sistema de cine en casa (HTS) al televisor. Puede conectar un SoundBar de Philips al HTS con un reproductor de discos integrado.

HDMI ARC

Si su sistema de cine en casa tiene una conexión HDMI ARC, podrá utilizar cualquier entrada de HDMI del televisor para conectarlo. Con HDMI ARC no es necesario conectar un cable de audio adicional. La conexión HDMI ARC combina ambas señales. Todas las conexiones HDMI del televisor tienen señal ARC (Audio Return Channel). No obstante, una vez que conecte el sistema de cine en casa, el televisor solo puede enviar la señal ARC a esta conexión HDMI.



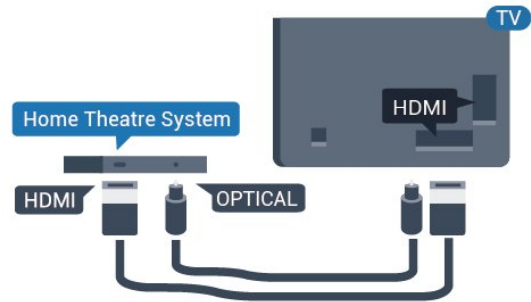
Sincronización de audio y vídeo (sync.)

Si el sonido no coincide con la imagen que se muestra en pantalla, en la mayoría de los sistemas de cine en casa con reproductor de discos es posible configurar un retardo para sincronizar el sonido con el vídeo.

Conectar con HDMI

Utilice un cable HDMI para conectar un sistema de cine en casa (HTS) al televisor. Puede conectar un SoundBar de Philips al HTS con un reproductor de discos integrado.

Si el sistema de cine en casa no dispone de conexión HDMI ARC, añada un cable óptico de audio (Toslink) para enviar el sonido de la imagen del televisor al sistema de cine en casa.



Sincronización de audio y vídeo (sync.)

Si el sonido no coincide con la imagen que se muestra en pantalla, en la mayoría de los sistemas de cine en casa con reproductor de discos es posible configurar un retardo para sincronizar el sonido con el vídeo.

6.5

Smartphones y tabletas

Para conectar un smartphone o tableta al televisor, puede utilizar una conexión inalámbrica o por cable.

Sin cables

Para una conexión inalámbrica, descargue la aplicación Philips TV Remote App en el smartphone o tableta desde su tienda de aplicaciones favorita.

Con cables

Para una conexión por cable, utilice la conexión HDMI 1 MHL de la parte posterior del televisor.

6.6

Reproductor Blu-ray Disc

Utilice un cable HDMI de alta velocidad para conectar el reproductor Blu-ray Disc al televisor.

Unidad flash USB

Puede ver fotos o reproducir vídeos y música desde una unidad flash USB conectada.

Inserte una unidad flash USB en una de las conexiones **USB** del televisor mientras está encendido.



El televisor detecta la unidad flash y abre una lista que muestra su contenido.

Si la lista de contenidos no aparece automáticamente:

Modo profesional desactivado – Pulse Inicio, seleccione Fuentes. Seleccione USB y pulse **OK**.

Modo profesional activado – Pulse Inicio, seleccione Canales de televisión , seleccione SOURCES. Seleccione **USB** y pulse **OK**.

Para dejar de ver el contenido de la unidad flash USB, pulse o seleccione otra actividad.

Para desconectar la unidad flash USB, puede extraerla en cualquier momento.

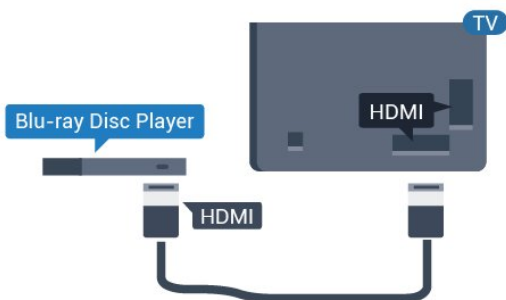
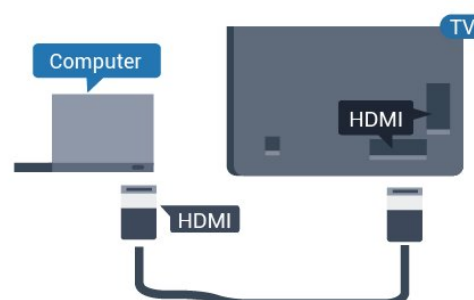
Ordenador

Conectar

Puede conectar el ordenador al televisor y utilizar el televisor como monitor de PC.

Con HDMI

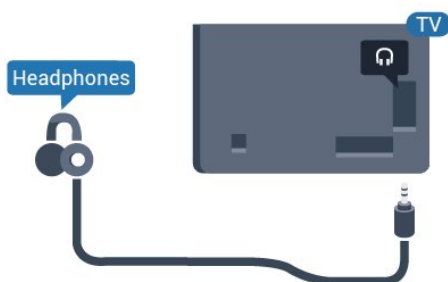
Utilice un cable HDMI para conectar el ordenador al televisor.



Si el reproductor de Blu-ray Disc dispone de EasyLink HDMI CEC, puede controlar el reproductor con el mando a distancia del televisor.

Auriculares

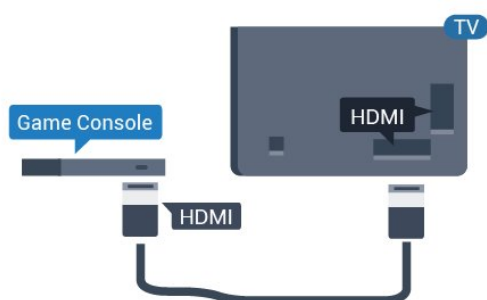
Puede conectar unos auriculares a la conexión de la parte posterior del televisor. La conexión es un miniconector de 3,5 mm. Puede ajustar el volumen de los auriculares de forma independiente.



Consola de juegos

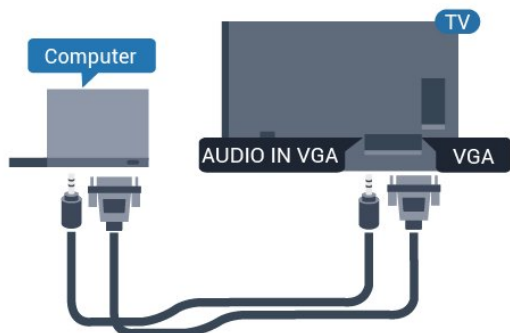
HDMI

Para disfrutar de una calidad óptima, conecte la consola de juegos al televisor mediante un cable HDMI de alta velocidad.



Con VGA (6014U)



Utilice un cable VGA para conectar el ordenador al televisor y utilice un cable de audio (miniconector de 3,5 mm) a la toma AUDIO IN VGA de la parte posterior del televisor.




Ajuste óptimo


Si conecta un ordenador, le recomendamos que asigne el nombre de tipo de dispositivo correcto a la conexión en la que va a conectar el ordenador en el Menú de fuentes. Si cambia a **Ordenador** en el Menú de fuentes, el televisor se establecerá en el ajuste óptimo para ordenador automáticamente.

Para configurar el ajuste óptimo del televisor:

Modo profesional desactivado – Pulse  Inicio. Pulse , seleccione **Ajustes** y pulse **OK**.

Seleccione **Imagen** y pulse  (derecha) para acceder al menú. Seleccione **Estilo de imagen > Ordenador** y pulse **OK**.

Seleccione **Encendido** o **Apagado** y pulse **OK**.

Pulse , varias veces si fuera necesario, para cerrar el menú.

Modo profesional activado – Pulse  Inicio >  Más >  Ajustes >  Imagen. Pulse **OK**.

Seleccione **Estilo de imagen > Ordenador** y pulse **OK**.

Seleccione **Encendido** o **Apagado** y pulse **OK**.

Pulse , varias veces si fuera necesario, para cerrar el menú.

(Para obtener información sobre el modo profesional, consulte el manual de instalación).

Vídeos, fotos y música

7.1

Desde una conexión USB

Puede ver fotos o reproducir vídeos y música desde una unidad flash USB o unidad de disco duro USB conectada.

Con el televisor encendido, conecte una unidad flash USB o un disco duro USB a una de las conexiones USB. El televisor detecta el dispositivo y muestra una lista de los archivos multimedia.

Si la lista de archivos no aparece automáticamente:

- 1 - Pulse **≡** CHANNELS, seleccione **📺** Fuentes.
- 2 - Seleccione **📺 Medios digitales** y pulse **OK**.
- 3 - Puede explorar los archivos de la estructura de carpetas que tenga organizada en la unidad.
- 4 - Para detener la reproducción de vídeos, fotos y música, pulse **🔊**.

7.2

Reproducción de vídeos

Reproducción de vídeos

Apertura de la carpeta de vídeos

- 1 - Pulse **≡** CHANNELS, seleccione **📺** Fuentes.
- 2 - Seleccione **📺 Medios digitales**, seleccione **📺 Vídeos** y pulse **OK**.

Para volver a la carpeta, pulse **←**

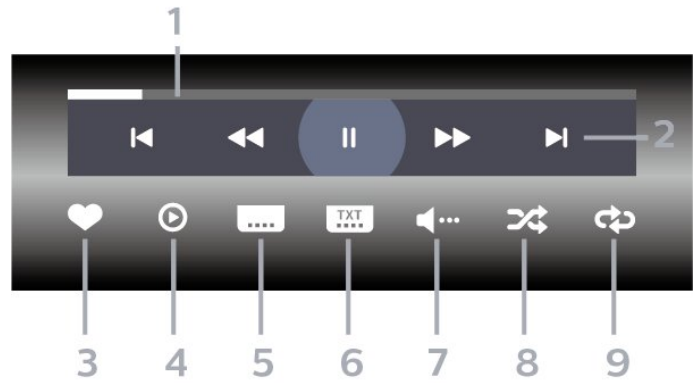
Reproducción de vídeos

- 1 - Pulse **≡** CHANNELS, seleccione **📺** Fuentes.
- 2 - Seleccione **📺 Medios digitales**, seleccione **📺 Vídeos** y pulse **OK**.
- 3 - Seleccione un vídeo. Puede pulsar **▶** Reproducir todo para reproducir todos los archivos de la carpeta o pulsar **📺** Marcar como favorito para añadir el vídeo seleccionado al menú de favoritos: **♥** Favoritos.

Para realizar una pausa en el vídeo, pulse **OK**. Pulse **OK** de nuevo para continuar.

Barra de control

Para mostrar u ocultar la barra de control mientras se reproduce un vídeo, pulse **OK**.



- 1 - Barra de progreso
- 2 - Barra de control de reproducción
 - ◀: Saltar al vídeo anterior de una carpeta
 - ▶: Saltar al vídeo siguiente de una carpeta
 - ◀◀: Retroceder
 - ▶▶: Avanzar rápido
 - ⏸: Poner en pausa la reproducción

- 3 - Marcar como favorito
- 4 - Reproducir todos los vídeos
- 5 - Subtítulos: para activar o desactivar los subtítulos, o activarlos si no hay sonido.
- 6 - Idioma de subtítulos: seleccione un idioma para los subtítulos (no disponible con el modo profesional activado).
- 7 - Idioma de audio: seleccione un idioma de audio
- 8 - Aleatorio: reproduce los archivos en orden aleatorio.
- 9 - Repetir: reproduce todos los vídeos de la carpeta una sola vez o de forma continua.

Opciones de vídeo

Durante la reproducción de vídeo, pulse **+** OPTIONS, seleccione **Info** y pulse **OK** para:

- **Marcar como favorito:** el vídeo seleccionado se establece como favorito.
- **Reproducir todo:** reproduce todos los archivos de la carpeta.
- **Subtítulos:** si están disponibles, puede ajustar los subtítulos en **Encendido**, **Apagado** o **Encendido si no hay sonido**.
- **Idioma de audio:** si está disponible, seleccione un idioma de audio.
- **Aleatorio:** muestra los archivos en orden aleatorio.
- **Repetir:** reproduce todos los vídeos de la carpeta una sola vez o de forma continua.

Visualización de fotos

Visualización de fotografías

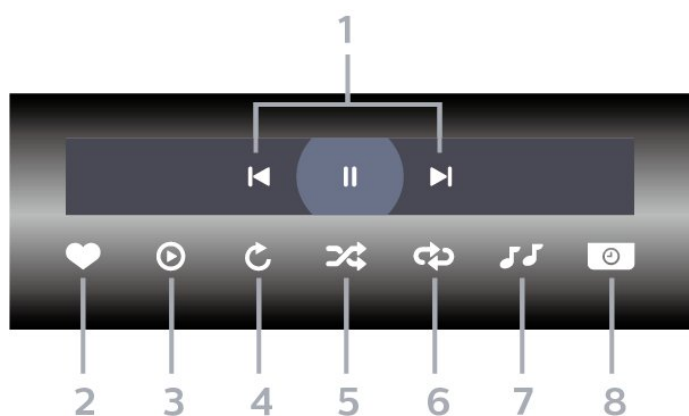
Apertura de la carpeta de fotos

- 1 - Pulse CHANNELS, seleccione Fuentes.
- 2 - Seleccione Medios digitales, seleccione Fotos y pulse **OK**.

Visualización de fotografías

- 1 - Pulse CHANNELS, seleccione Fuentes.
- 2 - Seleccione Medios digitales, seleccione Fotos y pulse **OK**.
- 3 - Seleccione Fotos y seleccione una de las fotos. Puede pulsar Secuencia de diapositivas para reproducir todos los archivos de la carpeta o pulsar Marcar como favorito para añadir la foto seleccionada al menú de favoritos: Favoritos.

Barra de control



- 1 - Barra de control de reproducción
 - Saltar a la foto anterior de una carpeta
 - Saltar a la foto siguiente de una carpeta
 - Poner en pausa la reproducción de la secuencia de diapositivas

- 2 - Marcar como favorito
- 3 - Iniciar una secuencia de diapositivas
- 4 - Girar la foto
- 5 - Aleatorio: reproduce los archivos en orden aleatorio.
- 6 - Repetir: reproduce todas las fotos de la carpeta una sola vez o de forma continua.
- 7 - Detiene la reproducción de música en segundo plano (no disponible con el modo profesional activado)
- 8 - Ajusta la velocidad de la secuencia de diapositivas.

Opciones de fotografía

Durante la reproducción de vídeo, pulse OPTIONS, seleccione Info y pulse **OK** para:

- Marcar como favorito
- Iniciar una secuencia de diapositivas
- Girar la foto
- Aleatorio: reproduce los archivos en orden aleatorio.
- Repetir: reproduce todas las fotos de la carpeta una sola vez o de forma continua.
- Detiene la reproducción de música en segundo plano (no disponible con el modo profesional activado)
- Ajusta la velocidad de la secuencia de diapositivas.

Reproducción de música

Reproducción de música

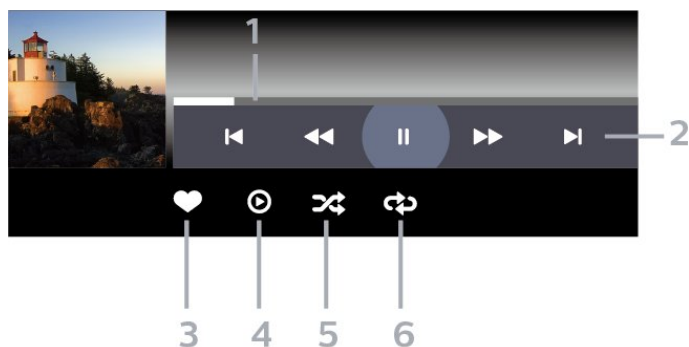
Apertura de la carpeta de música

- 1 - Pulse CHANNELS, seleccione Fuentes.
- 2 - Seleccione Medios digitales, seleccione Música y pulse **OK**.

Reproducción de música

- 1 - Pulse CHANNELS, seleccione Fuentes.
- 2 - Seleccione Medios digitales, seleccione Música y pulse **OK**.
- 3 - Puede pulsar Marcar como favorito para añadir la carpeta de música al menú de favoritos: Favoritos.
- 4 - Puede buscar rápidamente música mediante la clasificación: Géneros, Artistas, Álbumes y Pistas.

Barra de control



- 1 - Barra de progreso
- 2 - Barra de control de reproducción
 - Saltar a la música anterior de una carpeta
 - Saltar a la música siguiente de una carpeta
 - Retroceder

- ▶▶: Avanzar rápido
- ⏸: Poner en pausa la reproducción

- 3 - Marcar como favorito
- 4 - Reproducir toda la música
- 5 - Aleatorio: reproduce los archivos en orden aleatorio.
- 6 - Repetir: reproduce toda la música de la carpeta una sola vez o de forma continua.

Opciones de música


Durante la reproducción de música, pulse **+** **OPTIONS**, seleccione **Info** y pulse **OK** para:

- Marcar como favorito
- Reproducir toda la música
- Aleatorio: reproduce los archivos en orden aleatorio.
- Repetir: reproduce toda la música de la carpeta una sola vez o de forma continua.

Guía de TV

Uso de la guía de televisión

Para acceder a la guía de televisión:

Para abrir la guía de televisión, pulse  TV GUIDE .
La guía de TV muestra los canales del sintonizador seleccionado.

Vuelva a pulsar  TV GUIDE para cerrarla.

La primera vez que abra la guía de televisión, el televisor buscará en todos los canales de televisión información sobre los programas. Este proceso puede llevar unos minutos. Los datos de la guía de TV se almacenan en el televisor.



Juegos

Para jugar a un juego:



Desde una consola de juegos


Para iniciar un juego desde una consola de juegos:

Encienda la consola de juegos.

Modo profesional desactivado – Pulse  Inicio, seleccione  Aplicaciones. Seleccione Fuentes y pulse OK.



Inicie el juego.


Pulse  BACK varias veces, pulse  EXIT o detenga la aplicación con su botón para salir/detener específico.

Para obtener más información sobre la conexión de una consola de juegos, en [Ayuda](#), pulse  Palabras clave y busque [Consola de juegos, conectar](#).

Modo profesional activado – Pulse  SOURCES y seleccione una consola de juegos o el nombre de la conexión.



Inicie el juego.

Pulse  BACK varias veces, pulse  EXIT o detenga la aplicación con su botón para salir/detener específico.



Para obtener más información sobre la conexión de una consola de juegos, en [Ayuda](#), pulse  Palabras clave y busque [Consola de juegos, conectar](#).



Por aplicaciones

Para iniciar un juego desde aplicaciones de juegos:



Modo profesional desactivado – Pulse  Inicio, seleccione  Aplicaciones y, a continuación, seleccione Google Play Juegos.

Inicie sesión en su cuenta de Google e inicie un juego.

Pulse  BACK varias veces, pulse  EXIT o detenga la aplicación con su botón para salir/detener específico.

Modo profesional activado – Pulse  Inicio. Seleccione  Juegos.

Inicie sesión en su cuenta de Google e inicie un juego.






Pulse  BACK varias veces, pulse  EXIT o detenga la aplicación con su botón para salir/detener específico.

Aplicación de menú profesional






Acerca de la Aplicación de menú profesional

En la Aplicación de menú profesional, puede iniciar cualquier actividad que pueda hacer con el televisor.

La parte izquierda de la Aplicación de menú profesional está organizada en filas:

- Recomendados 
- Canales de televisión 
- Cast 
- Juegos 
- Más 



La parte superior derecha de la Aplicación de menú profesional está organizada en filas:

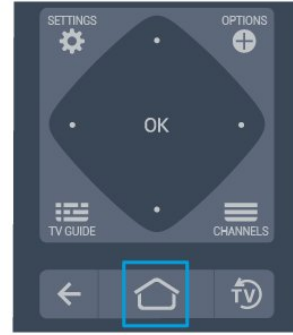
- Gestionar cuenta
- Mensajes  (Esta función opcional depende de los ajustes internos del hotel).
- Factura  (Esta función opcional depende de los ajustes internos del hotel).
- Ajustar alarma 
- Tiempo 
- Idioma del menú 
- Hora actual

Apertura de la Aplicación de menú profesional

Modo profesional desactivado: consulte el capítulo "Pantalla de inicio de Android TV".

Modo profesional activado: para abrir la Aplicación de menú profesional y abrir un elemento:




- 1 - Abra la Aplicación de menú profesional pulsando Inicio .
- 2 - Seleccione una actividad utilizando los botones de flecha y pulse **OK** para iniciar la actividad.
- 3 - Para cerrar la Aplicación de menú profesional sin cambiar la actividad actual, pulse .



Al abrir la Aplicación de menú profesional, se detendrá cualquier aplicación o contenido que se reproduzca en segundo plano. Debe seleccionar la aplicación o el contenido en la Aplicación de menú profesional para reanudarlo.

Recomendados

Para abrir la Aplicación de menú profesional y abrir Recomendados:





- 1 - Abra la Aplicación de menú profesional.
- 2 - Seleccione **Recomendados**  y pulse **OK** para abrirla o iniciarla.
- 3 - Seleccione  Canales de televisión recomendados. Seleccione un canal de la lista y pulse OK.
- 4 - Seleccione  Aplicaciones. Seleccione una aplicación de la lista y pulse OK.

Canales de televisión

Listas de canales

Acerca de las listas de canales

Tras la instalación de canales, estos aparecen en la lista de canales. Los canales se muestran con su nombre y logotipo cuando dicha información está disponible.







Con una lista de canales seleccionada, pulse las flechas  (arriba) o  (abajo) para seleccionar un canal y, a continuación, pulse **OK** para ver el canal seleccionado. Solo se sintonizan los canales de esa lista al usar los botones  + o  -.

Emisoras de radio

Si está disponible la emisión digital, las emisoras digitales de radio se instalarán también durante la instalación. El procedimiento para cambiar de emisora de radio es idéntico al utilizado para cambiar de canal de televisión.


Abrir una lista de canales

Para abrir la lista de canales actual:

1. Pulse  para cambiar a televisión.
2. Pulse  CHANNELS para abrir la lista de canales actuales. Seleccione  Todos los canales para mostrar los canales tanto de televisión como de radio. Seleccione  para mostrar solo los canales de televisión. Seleccione  para mostrar solo las emisoras de radio.
3. Pulse  CHANNELS de nuevo para cerrar la lista de canales.

Visualización de canales


Sintonización de un canal

Para ver canales de televisión, pulse . El televisor muestra el último canal visto.


Cambio de canal

- Para cambiar de canal, pulse  + o  -.

Canal anterior

- Para volver al canal que estaba viendo antes, pulse  BACK.

Lista de canales

Mientras ve un canal de televisión, pulse  para abrir las listas de canales.

Opciones de canal

Apertura de Opciones

Mientras ve un canal, puede configurar algunas opciones.

Dependiendo del tipo de canal que esté viendo (analógico o digital) o en función de los ajustes del televisor, puede haber opciones disponibles.

Para abrir el menú de opciones:

- 1 - Mientras ve un canal, pulse  OPTIONS.
- 2 - Vuelva a pulsar  OPTIONS para cerrar.





10.5

Canales de televisión

Listas de canales

Acerca de las listas de canales

Tras la instalación de canales, estos aparecen en la lista de canales. Los canales se muestran con su nombre y logotipo cuando dicha información está disponible.







Con una lista de canales seleccionada, pulse las flechas  (arriba) o  (abajo) para seleccionar un canal y, a continuación, pulse **OK** para ver el canal seleccionado. Solo se sintonizan los canales de esa lista al usar los botones  + o  -.

Emisoras de radio

Si está disponible la emisión digital, las emisoras digitales de radio se instalarán también durante la instalación. El procedimiento para cambiar de emisora de radio es idéntico al utilizado para cambiar de canal de televisión.


Abrir una lista de canales

Para abrir la lista de canales actual:

1. Pulse  para cambiar a televisión.
2. Pulse  CHANNELS para abrir la lista de canales actuales. Seleccione  Todos los canales para mostrar los canales tanto de televisión como de radio. Seleccione  para mostrar solo los canales de televisión. Seleccione  para mostrar solo las emisoras de radio.
3. Pulse  CHANNELS de nuevo para cerrar la lista de canales.

Visualización de canales


Sintonización de un canal

Para ver canales de televisión, pulse . El televisor muestra el último canal visto.

Cambio de canal

- Para cambiar de canal, pulse  + o  -.

Canal anterior

Para volver al canal que estaba viendo antes, pulse  BACK.

Lista de canales

Mientras ve un canal de televisión, pulse  para abrir la lista de canales.

Opciones de canal

Apertura de Opciones

Mientras ve un canal, puede configurar algunas opciones.

Dependiendo del tipo de canal que esté viendo (analógico o digital) o en función de los ajustes del televisor, puede haber opciones disponibles.

Para abrir el menú de opciones:

- 1 - Mientras ve un canal, pulse **+** **OPTIONS**.
- 2 - Vuelva a pulsar **+** **OPTIONS** para cerrar.

10.6

Google Cast

Qué necesita

Si la aplicación de su dispositivo móvil dispone de Google Cast, puede emitir la aplicación en este televisor. En la aplicación móvil, busque el icono de Google Cast. Puede utilizar su dispositivo móvil para controlar lo que ve en el televisor. Google Cast funciona en Android e iOS.

El dispositivo móvil debe estar conectado a la misma red Wi-Fi doméstica que el televisor.

Aplicaciones con Google Cast

Cada día aparecen nuevas aplicaciones con Google Cast disponibles. Ya puede probar esta opción con YouTube, Chrome, Netflix, Photowall o Big Web Quiz para Chromecast. Consulte también google.com/cast.


Algunos productos y funciones de Google Play no están disponibles en todos los países.

Encontrará más información en support.google.com/androidtv.

Transmisión a su televisor

Para emitir una aplicación en la pantalla de su televisor:

Para abrir la Aplicación de menú profesional y abrir Cast:


- 1 - Abra la Aplicación de menú profesional.
- 2 - Seleccione **Cast**  y pulse **OK** para abrirla o iniciarla.
- 3 - Conecte el smartphone al televisor mediante Wi-Fi Direct (escanee el código QR o utilice el SSID y la contraseña de Wi-Fi). Abra una aplicación compatible con Google Cast.
- 4 - Toque el icono de Google Cast.

- 5 - Seleccione el televisor en el que desea emitirla.
- 6 - Pulse el botón de reproducción en su smartphone o tableta. Lo que seleccione se debería reproducir en el televisor.

10.7

Juegos

Para abrir la Aplicación de menú profesional y abrir Juegos:

- 1 - Abra la Aplicación de menú profesional.
- 2 - Seleccione **Juegos**  y pulse **OK**.






Ajustes óptimos para jugar

En algunos juegos en los que se requiere velocidad y precisión, establezca el televisor en el ajuste de **Juego** ideal antes de comenzar a jugar.

Si la consola de juegos se ha agregado con el tipo de dispositivo **Juego** en el menú de fuentes (lista de conexiones), el televisor se ajusta automáticamente con la configuración óptima para juegos.

Si el tipo de consola de juegos se establece como **Reproductor** y se utiliza como un reproductor de discos la mayor parte del tiempo, deje el tipo de dispositivo como **Reproductor**.



Para configurar manualmente el ajuste óptimo del televisor. . .

- 1 - Seleccione  Inicio >  Más >  Ajustes >  Imagen > Estilo de imagen.
- 2 - Seleccione **Juego** y pulse **OK**.
- 3 - Pulse , varias veces si fuera necesario, para cerrar el menú. No olvide cambiar de nuevo el ajuste Juego u ordenador a Apagado cuando termine de jugar.

10.8


Más

Para abrir la Aplicación de menú profesional y abrir Más:

- 1 - Abra la Aplicación de menú profesional.
- 2 - Seleccione  Más y pulse **OK** para abrirla o iniciarla.
- 3 - Seleccione  Ajustes.

• Imagen :

Cambie entre los ajustes predeterminados de estilo de imagen. Hay estilos idóneos para cada actividad, como para ver películas o fotos, etc.

• Sonido :

Cambie entre los ajustes predeterminados de estilo de sonido. Hay estilos idóneos para ver películas, escuchar música o jugar.

- Formato de imagen 


Seleccione un formato de imagen que se ajuste a la pantalla.

- Idioma del menú 

Seleccione el idioma y pulse OK.


4 - Seleccione  Funciones y pulse OK.

- Ajustar alarma 

Se puede establecer una alarma en el televisor. El televisor puede activarse con una hora de alarma definida. Además, puede establecer la hora de la alarma pulsando el botón  del mando a distancia.

- Temporizador de reposo 


Con ayuda de la barra deslizante, puede ajustar el tiempo hasta 180 minutos en incrementos de 5 minutos. Si se establece en 0 minutos, el temporizador de apagado se apaga. Siempre puede apagar el televisor antes o restablecer el tiempo durante la cuenta atrás.

- Tiempo 

Muestra la temperatura observada; contiene 5 días de previsión meteorológica para la ubicación actual.


Además, puede establecer la hora de la alarma pulsando el botón  del mando a distancia.

5 - Seleccione Personal  y pulse OK.


- Factura : Permite al huésped del hotel ver la factura de su hotel durante su estancia. (Solo con modo profesional activado).

- Mensajes 


Se notifica a los huéspedes la entrada de nuevos mensajes del hotel en el televisor. (Solo con modo profesional activado).

- Visualización de mensajes 

Cambie la forma en la que se muestran las notificaciones de mensajes. (Solo con modo profesional activado).

- Gestionar cuenta 

Al iniciar sesión en la cuenta de Google con el teléfono o el portátil, asegúrese de que el teléfono o el portátil esté conectado a la misma red que el televisor y, a continuación, introduzca el código que aparece en el televisor para completar el proceso de inicio de sesión. El huésped puede utilizar la dirección de correo electrónico y la contraseña de la cuenta de Google para iniciar sesión.

- Borrar historial 

Borrar credenciales de todas las aplicaciones (también se borran automáticamente cuando finaliza su estancia, solo con modo profesional activado).

10.9


Ajustes profesionales

Estilo de imagen

Selección de un estilo

Pulse  Inicio >  Más >  Ajustes >  Imagen > Estilo de imagen.

Para ajustar la imagen fácilmente, puede seleccionar un estilo de imagen preestablecido.


- Personal: las preferencias de imagen que estableció durante el primer uso.
- Vivo: ideal para la visualización con luz diurna
- Natural: ajuste de imagen natural
-  Estándar - Ajuste con mayor ahorro energético
- Ajuste de fábrica
- Cine: ideal para ver películas
- Juego: ideal para videojuegos
- Ordenador: ideal para conectar al ordenador

Formato de imagen

Selección del formato de imagen

Si la imagen no llena toda la pantalla o se muestran barras negras en la parte superior o inferior, o a ambos lados, se puede ajustar la imagen para que ocupe toda la pantalla.

Para seleccionar uno de los ajustes básicos para llenar la pantalla:

Pulse  Inicio >  Más >  Ajustes >  Formato de imagen.

Las siguientes opciones de formato pueden estar disponibles en función de la imagen en pantalla.

- Pantalla panorámica
- Ocupar pantalla
- Ajustar a pantalla
- Sin escala

Estilo de sonido

Selección de un estilo





Pulse  Inicio >  Más >  Ajustes >  Sonido > Estilo de sonido.

Para ajustar el sonido fácilmente, puede seleccionar un ajuste preestablecido con Estilo de sonido.

- Personal: se aplicarán los ajustes seleccionados en Personalizar imagen y sonido
- Original: ajuste de sonido más neutro
- Cine: ideal para ver películas
- Música: ideal para escuchar música
- Juego: ideal para videojuegos
- Noticias: ideal para el realce de la voz

Idioma




Cambio del idioma del menú y los mensajes del televisor


Pulse  Inicio >  Más >  Ajustes >  Idioma del menú.

Seleccione su idioma y pulse **OK**.

Ajustes ecológicos

Establecimiento de pantalla apagada para ahorrar energía





Pulse  Inicio >  Más > 



Funciones >  Temporizador de reposo > Pantalla apagada.

Si solo desea escuchar música, puede apagar la pantalla del televisor.

Solo se apagará la pantalla del televisor. Para volver a activar la pantalla, pulse cualquier botón del mando a distancia.

Ajuste del temporizador de apagado del televisor

Pulse  Inicio >  Más >  Funciones >  Temporizador de reposo > Temporizador de reposo.

Pulse las flechas  (arriba) o  (abajo) para ajustar el valor. El valor 0 (apagado) desactiva la desconexión automática.

Seleccione Temporizador de apagado y el televisor se apagará automáticamente para ahorrar energía.

* El televisor se apaga si recibe una señal de televisión pero no pulsa un botón del mando a distancia durante un periodo de cuatro horas.

* El televisor se apaga si no recibe una señal de televisión ni un comando del mando a distancia durante 10 minutos.

*Si usa el televisor como monitor o emplea un receptor digital (STB) para ver la televisión y no utiliza el mando a distancia del televisor, debe desactivar el apagado automático, para establecer el valor en 0.

Iniciar sesión

Para disfrutar de todas las funciones de su Android TV de Philips, puede iniciar sesión en Google con su cuenta de Google.

Si inicia sesión, podrá disfrutar de sus juegos favoritos en el teléfono, la tableta o el televisor. También obtendrá recomendaciones personalizadas de vídeos y música en la pantalla de inicio del televisor, además de acceso a YouTube, Google Play y otras aplicaciones.

Utilice su **cuenta de Google** para iniciar sesión en Google en el televisor. Una cuenta de Google se compone de una dirección de correo electrónico y una contraseña. Si aún no tiene una cuenta de Google, utilice su ordenador o tableta para crear una (accounts.google.com). Si no inició sesión durante la instalación inicial del televisor, puede hacerlo más adelante en cualquier momento.

Iniciar sesión

Pulse  > abra la pantalla Aplicación de menú profesional.

Seleccione Gestionar cuenta en la parte superior derecha de la pantalla Aplicación de menú profesional y pulse **OK**. Con el teclado en pantalla, introduzca su dirección de correo electrónico y contraseña y pulse el botón **OK** para iniciar sesión.

10.10

Cuenta de Google

Pantalla de inicio de Android TV

11.1

Acerca de la pantalla de inicio de Android TV

Para disfrutar de todas las ventajas de Android TV, conecte el televisor a Internet.

Al igual que en un smartphone o tableta Android, la pantalla de inicio es el corazón de su televisor. En la pantalla de inicio puede decidir lo que quiere ver y explorar opciones de entretenimiento desde una aplicación o una emisión de televisión en directo. La pantalla de inicio tiene canales para que descubra contenido interesante de sus aplicaciones favoritas. También puede añadir más canales o buscar nuevas aplicaciones para disfrutar de más contenido.

11.2

Apertura de la pantalla de inicio de Android TV

Modo profesional activado: consulte el manual de instalación.

Modo profesional desactivado: para abrir la pantalla de inicio de Android TV y abrir un elemento:

1 - Pulse Menú, desplácese hasta "Colección de Philips" y, a continuación, pulse OK.

2 - Seleccione una actividad utilizando los botones de flecha y pulse **OK** para iniciar la actividad.

3 - Para cerrar el menú de inicio sin cambiar la actividad actual, pulse **←**.



Al abrir la pantalla de inicio de Android TV, se

detendrá cualquier aplicación o contenido que se reproduzca en segundo plano. Debe seleccionar la aplicación o el contenido en la pantalla de inicio de Android TV para reanudarlo.

11.3

Ajustes de Android TV

Imagen

Ajustes de imagen

Estilo de imagen

Selección de un estilo

Pulse **🏠 > ⚙️ Ajustes > Imagen > Estilo de imagen**.

Para ajustar la imagen fácilmente, puede seleccionar un estilo de imagen preestablecido.

- Personal: las preferencias de imagen que estableció durante el primer uso.
- Vivo: ideal para la visualización con luz diurna
- Natural: ajuste de imagen natural
- **📄 Estándar** - Ajuste con mayor ahorro energético
- Ajuste de fábrica
- Cine: ideal para ver películas
- Juego: ideal para videojuegos
- Ordenador: ideal para conectar al ordenador

Color, Contraste, Realce, Brillo

Ajuste del color de la imagen

Pulse **🏠 Inicio > ⚙️ Ajustes > Imagen > Color**. Pulse las flechas **▲** (arriba) o **▼** (abajo) para ajustar el valor de saturación del color de la imagen.

Ajuste del contraste de la imagen

Pulse **🏠 Inicio > ⚙️ Ajustes > Imagen > Contraste**. Pulse las flechas **▲** (arriba) o **▼** (abajo) para ajustar el valor del contraste de la imagen.

Puede disminuir el valor de contraste para reducir el consumo de energía.

Ajuste del realce de la imagen

Pulse **🏠 Inicio > ⚙️ Ajustes > Imagen > Realce**. Pulse las flechas **▲** (arriba) o **▼** (abajo) para ajustar el valor de realce de la imagen.

Ajuste del brillo

Pulse **🏠 Inicio > ⚙️ Ajustes > Imagen > Brillo**. Pulse las flechas **▲** (arriba) o **▼** (abajo) para ajustar el nivel de brillo de la señal de la imagen.

Nota: El ajuste del brillo a un valor muy alejado del valor de referencia (50) puede reducir el contraste.

Ajustes de imagen avanzados

Ajustes de color

Ajustes de color avanzados

Ajuste de la mejora del color



Pulse  Inicio >  Ajustes >

Imagen > Avanzado > Color > Mejora del color.

Seleccione **Máximo**, **Media** o **Mínimo** para ajustar el nivel de intensidad del color y los detalles de los colores claros.

Selección de la fase del color preestablecida



Pulse  Inicio >  Ajustes >

Imagen > Avanzado > Color > Fase del color.

Seleccione **Normal**, **Cálido** o **Frío** para ajustar la fase del color que prefiera.

Personalización de la fase del color





Pulse  Inicio >  Ajustes >

Imagen > Avanzado > Color > Fase del color personalizada.

Seleccione **Personalizado** en el menú **Fase del color** para personalizar la fase del color. Pulse las flechas  (arriba) o  (abajo) para ajustar el valor. WP es punto blanco y BL es nivel negro. También puede seleccionar uno de los ajustes preestablecidos de este menú.

Ajustes de contraste avanzados

Modos de contraste



Pulse  Inicio >  Ajustes >

Imagen > Avanzado > Contraste > Modo de contraste.

Seleccione **Normal**, **Optimización de imagen** u **Optimizado para ahorrar energía** para permitir que el televisor reduzca automáticamente el contraste, optimizar el consumo de energía o mejorar la experiencia de imagen, o bien seleccione **Apagado** para desactivar el ajuste.

Contraste dinámico



Pulse  Inicio >  Ajustes >

Imagen > Avanzado > Contraste > Contraste dinámico.

Seleccione **Máximo**, **Media** o **Mínimo** para definir el nivel al que el televisor realza automáticamente los

detalles de las zonas oscuras, intermedias y claras de la imagen.

Contraste de vídeo, Gamma

Contraste de vídeo




Pulse  Inicio >  Ajustes >

Imagen > Avanzado > Contraste > Contraste de vídeo.

Pulse las flechas  (arriba) o  (abajo) para ajustar el nivel de contraste de vídeo.

Gamma







Pulse  Inicio >  Ajustes >

Imagen > Avanzado > Contraste > Gamma.

Pulse las flechas  (arriba) o  (abajo) para establecer un ajuste no lineal de luminancia y contraste de la imagen.

Ajustes avanzados de realce



Ultra Resolution

Pulse  Inicio >  Ajustes > Imagen > Avanzado > Realce > Ultra Resolution.

Seleccione **Encendido** para disfrutar de un realce superior en los bordes de las líneas y los detalles.

Nitidez de imagen



Reducción de ruido

Pulse  Inicio >  Ajustes > Imagen > Avanzado > Nitidez de imagen > Reducción del ruido.

Seleccione **Máximo**, **Medio** o **Mínimo** para ajustar el nivel de eliminación de ruido en contenidos de vídeo.

El ruido se percibe principalmente como pequeños puntos que se mueven a través de la imagen en pantalla.

Reducción de distorsiones de MPEG

Pulse  Inicio >  Ajustes > Imagen > Avanzado > Nitidez de imagen > Reducción de distorsiones de MPEG.

Seleccione **Máximo**, **Medio** o **Mínimo** para disfrutar de distintos grados de suavizado de las distorsiones en contenidos de vídeo digital.

Las distorsiones de MPEG se perciben principalmente como pequeños bloques o bordes irregulares en las imágenes en pantalla.

Formato de imagen

Si la imagen no llena toda la pantalla o se muestran barras negras en la parte superior o inferior, o a ambos lados, se puede ajustar la imagen para que ocupe toda la pantalla.

Para seleccionar uno de los ajustes básicos para llenar la pantalla:

- 1 - Mientras ve un canal de televisión, pulse Inicio > Ajustes > Imagen > Formato de imagen.
- 2 - Seleccione un formato de la lista y pulse OK.
- 3 - Pulse BACK varias veces si fuera necesario para cerrar el menú.

Las siguientes opciones de formato pueden estar disponibles en función de la imagen en pantalla: . .

- Pantalla panorámica
- Ocupar pantalla
- Ajustar a pantalla
- Sin escala

Sonido

Estilo de sonido

Selección de un estilo

Pulse Inicio > Ajustes > Sonido > Estilo de sonido.

Para ajustar el sonido fácilmente, puede seleccionar un ajuste preestablecido con Estilo de sonido.

- Personal: se aplicarán los ajustes seleccionados en Personalizar imagen y sonido
- Original: ajuste de sonido más neutro
- Cine: ideal para ver películas
- Música: ideal para escuchar música
- Juego: ideal para videojuegos
- Noticias: ideal para el realce de la voz

Gestión del sonido

Seleccione un dispositivo.

Pulse Inicio > Ajustes > Sonido > Gestión del sonido.

Configure los dispositivos de salida de audio.

- Altavoces del televisor: configure el televisor para que el sonido se reproduzca en el televisor o en el sistema de audio conectado.
- Auriculares/Altavoces para baño: Encendido/Apagado.
- Volumen fijo en auriculares/altavoz de cuarto de

baño: cuando esta función está habilitada, el nivel de volumen de los auriculares/altavoz de cuarto de baño se fijará en el ajuste de encendido.

- Detección de auriculares: Encendido/Apagado.

Ubicación del TV

Pulse Inicio > Ajustes > Sonido > Ubicación del televisor.

Seleccione En un soporte de TV o En la pared para optimizar la reproducción de sonido en función del entorno.

Avanzado

Ajustes ecológicos

Temporizador

Pulse Inicio > Ajustes > Ajustes ecológicos > Temporizador de reposo.

Configure el televisor de forma que cambie al modo en espera tras un tiempo predefinido. Para desactivar esta función, establezca el tiempo en cero.

Pulse las flechas (arriba) o (abajo) para ajustar el valor. El valor 0 (apagado) desactiva la desconexión automática.

Seleccione Temporizador de apagado y el televisor se apagará automáticamente para ahorrar energía.

* El televisor se apaga si recibe una señal de televisión pero no pulsa un botón del mando a distancia durante un periodo de cuatro horas.

*El televisor se apaga si no recibe una señal de televisión ni un comando del mando a distancia durante 10 minutos.

*Si usa el televisor como monitor o emplea un receptor digital (STB) para ver la televisión y no utiliza el mando a distancia del televisor, debe desactivar el apagado automático, para establecer el valor en 0.

Pantalla apagada



Pulse Inicio > Ajustes > Ajustes ecológicos > Pantalla apagada.

Si solo desea escuchar música, puede apagar la pantalla del televisor.

Solo se apagará la pantalla del televisor. Para volver a activar la pantalla, pulse cualquier botón del mando a distancia.

Región e idioma



Idiomas

Pulse  Inicio >  Ajustes > Región e idioma > Idiomas.

Establezca la configuración de región o idioma.



- Sistema Android/idioma del menú: permite cambiar el idioma de los menús y los mensajes.
- Idioma de audio principal: seleccione su preferencia principal para el idioma de audio de las emisiones.
- Idioma de audio secundario: seleccione su preferencia secundaria para el idioma de audio de las emisiones.
- Idioma de subtítulos principal: seleccione su preferencia principal para el idioma de los subtítulos de las emisiones.
- Idioma de subtítulos secundario: seleccione su preferencia secundaria para el idioma de los subtítulos de las emisiones.
- Idioma de teletexto principal: seleccione su preferencia principal para el idioma del teletexto de las emisiones.
- Idioma de teletexto secundario: seleccione su preferencia secundaria para el idioma del teletexto de las emisiones.

Ajustes de Acceso universal



Pulse  >  Ajustes > Accesibilidad > Acceso universal.

Con la opción Acceso universal activada, el televisor está preparado para que lo utilicen personas con deficiencias auditivas o visuales.

Activación de los ajustes de Acceso universal



Pulse  >  Ajustes > Accesibilidad > Acceso universal > Encendido.

Acceso universal para personas con deficiencias auditivas

Pulse  >  Ajustes > Accesibilidad > Acceso universal > Deficiente auditivo > Encendido.


- Algunos canales de televisión digitales emiten subtítulos y audio especiales adaptados para las personas con deficiencias auditivas.
- Con esta opción activada, el televisor activa automáticamente el audio y los subtítulos adaptados, si están disponibles.



Acceso universal para personas con deficiencias visuales

Pulse  >  Ajustes > Accesibilidad > Acceso universal > Audiodescripción > Audiodescripción > Encendido.

Los canales de televisión digital pueden emitir

comentarios de audio especiales que describen lo que se muestra en la pantalla.

 Ajustes > Accesibilidad > Acceso universal > Audiodescripción > Volumen mezclado, Efectos de audio, Voz.

- Si selecciona Volumen mezclado, puede mezclar el volumen del audio normal con los comentarios de audio. Pulse las flechas  (arriba) o  (abajo) para ajustar el valor.
- Establezca Efectos de audio en Encendido para disfrutar de efectos de audio adicionales en el audio de los comentarios, como estéreo o atenuación de sonido.
- Seleccione Voz para ajustar la preferencia de voz, Descriptivo o Subtítulos.



Calificación de contenido

Nivel de clasificación

Pulse  >  Ajustes > Clasificación de contenido.

Para impedir que los niños vean un programa inadecuado para su edad, puede establecer una clasificación por edades. Los canales digitales pueden tener sus programas clasificados por edades. Cuando la clasificación por edades de un programa es igual o superior a la edad que ha configurado como clasificación por edades para su hijo, el programa se bloquea. Para ver un programa bloqueado, primero debe introducir el código.

Para establecer una clasificación por edades

Pulse  >  Ajustes > Clasificación de contenido > Nivel de clasificación.

Seleccione la edad y pulse OK. Para desactivar la clasificación por edades, seleccione Ninguno. No obstante, en algunos países se debe establecer una clasificación por edades.

Establecer código y Cambiar código

Pulse  Inicio >  Ajustes > Clasificación de contenido.

El código de bloqueo infantil se utiliza para bloquear o desbloquear canales o programas.

Establezca un código nuevo o restablezca el cambio de código.

Pulse  Inicio >  Ajustes > Clasificación de

contenido > Cambiar código.

Nota:

Si ha olvidado el código PIN, puede anular el código actual con **8888** e introducir un nuevo código.

11.4

Conexión del Android TV

Red e Internet

Red doméstica

Para disfrutar de todas las funciones de su Android TV de Philips, primero debe conectar el televisor a Internet.

Conecte el televisor a una red doméstica mediante una conexión a Internet de alta velocidad. Puede conectar el televisor de forma inalámbrica o por cable al router de red.

Conectar a la red

Conexión inalámbrica

Qué necesita

Para conectar el televisor a Internet de forma inalámbrica, se necesita un router Wi-Fi con conexión a Internet.

Utilice una conexión a Internet de alta velocidad (banda ancha).



Establecimiento de la conexión

Establecimiento de la conexión: INALÁMBRICA

Pulse **Inicio** > **Ajustes** > **Inalámbrico y redes** > **Conectar a la red** > **INALÁMBRICA**.

1 - En la lista de redes encontradas, seleccione la suya. Si su red no aparece en la lista porque el nombre de red está oculto (ha desactivado la emisión de SSID del router), seleccione **Añadir nueva red** para introducir el nombre de la red.

2 - En función del tipo de router, introduzca la clave

de cifrado: WEP, WPA o WPA2. Si ha introducido la clave de cifrado de esta red con anterioridad, puede seleccionar **OK** para establecer la conexión inmediatamente.

3 - Se mostrará un mensaje cuando la conexión se realice correctamente.

Establecimiento de la conexión: WPS

Pulse **Inicio** > **Ajustes** > **Inalámbrico y redes** > **Conectar a la red** > **WPS**.

Si el router tiene WPS, puede conectarse directamente al router sin búsqueda de redes. Si hay dispositivos en la red inalámbrica que utilizan el sistema de cifrado de seguridad WEP, no puede utilizar WPS.

1 - Vaya al router, pulse el botón WPS y vuelva al televisor antes de que transcurran 2 minutos.

2 - Seleccione **Conectar** para realizar la conexión.

3 - Se mostrará un mensaje cuando la conexión se realice correctamente.

Establecimiento de la conexión: WPS CON CÓDIGO PIN

Pulse **Inicio** > **Ajustes** > **Inalámbrico y redes** > **Conectar a la red** > **WPS CON CÓDIGO PIN**.

Si el router tiene WPS con código PIN, puede conectarse directamente al router sin búsqueda de redes. Si hay dispositivos en la red inalámbrica que utilizan el sistema de cifrado de seguridad WEP, no puede utilizar WPS.

1 - Anote el código PIN de 8 dígitos que se muestra en la pantalla e introdúzcalo en el software del router en el ordenador. Consulte el manual del router para saber dónde se debe introducir el código PIN en el software del router.

2 - Seleccione **Conectar** para realizar la conexión.

3 - Se mostrará un mensaje cuando la conexión se realice correctamente.

Problemas

No se encuentra la red inalámbrica o ésta pierde calidad

- Los hornos microondas, los teléfonos DECT y otros dispositivos Wi-Fi 802.11b/g/n/ac cercanos pueden alterar la red inalámbrica.
- Asegúrese de que los firewalls de la red permitan al televisor acceder a la conexión inalámbrica.
- Si la red inalámbrica no funciona correctamente en su casa, pruebe con la instalación de la red con cable.

Internet no funciona

- Si la conexión al router es correcta, compruebe la conexión del router a Internet.

El PC y la conexión a Internet son lentos

- Consulte en el manual de usuario de su router inalámbrico el alcance en interiores, la velocidad de transferencia y otros factores de la calidad de la señal.
- Utilice una conexión a Internet de alta velocidad (banda ancha) para el router.

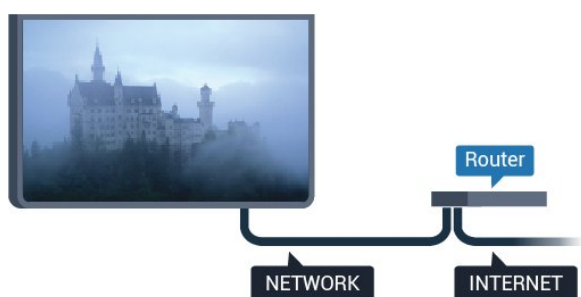
DHCP

- Si falla la conexión, compruebe que el ajuste de DHCP (Protocolo de configuración dinámica de host) del router está activado. DHCP siempre debería estar activado.

Conexión con cable

Qué necesita

Para conectar el televisor a Internet, se necesita un router de red con una conexión a Internet. Utilice una conexión a Internet de alta velocidad (banda ancha).



Establecimiento de la conexión

Establecimiento de la conexión: CON CABLE

Pulse Inicio > Ajustes > Inalámbrico y redes > Conectar a la red > CON CABLE.

- 1 - Conecte el router al televisor mediante un cable de red (cable Ethernet).**
- 2 - Compruebe que el router está encendido.
- 3 - El televisor busca constantemente la conexión de red.
- 4 - Se mostrará un mensaje cuando la conexión se realice correctamente.

Si falla la conexión, compruebe que el ajuste DHCP del router está activado. DHCP siempre debería estar activado.

** Para cumplir con la normativa sobre compatibilidad electromagnética (EMC), utilice un cable Ethernet CAT FTP blindado. Cable Ethernet 5E.

Ajustes

Ver ajustes de red

Pulse Inicio > Ajustes > Inalámbricos y redes > Ajustes > Ver ajustes de red.

Aquí puede ver todos los ajustes de red actuales. La dirección IP y MAC, la intensidad de la señal, la velocidad, el método de codificación etc.

Configuración de red: DHCP/IP estática

Pulse Inicio > Ajustes > Inalámbrico y redes > Ajustes > Configuración de red > DHCP/IP estática.

Seleccione DHCP o, si es un usuario avanzado, puede configurar la red con una dirección IP estática.

Configuración de red: Configuración IP estática

Pulse Inicio > Ajustes > Inalámbrico y redes > Ajustes > Configuración IP estática.

- 1 - Seleccione Configuración IP estática y configure la conexión.
- 2 - Puede establecer los números de Dirección IP, Máscara de red, Puerta de Enlace, DNS 1 o DNS 2.

Activar con LAN (WoL)

Pulse Inicio > Ajustes > Inalámbrico y redes > Ajustes > Activar con LAN (WoL).

Active/desactive la activación con LAN (WoL). Puede activar el televisor mediante un dispositivo externo que esté en la misma LAN.

Activar con Wi-Fi (WoWLAN)

Pulse Inicio > Ajustes > Inalámbrico y redes > Ajustes > Activar con Wi-Fi (WoWLAN).

Active/desactive la activación con Wi-Fi (WoWLAN). Puede activar el televisor mediante un dispositivo externo que esté en la misma red Wi-Fi.

Tipo de red

Pulse Inicio > Ajustes > Inalámbrico y redes > Ajustes > Tipo de red.

- Con cable: conexión a una red con cable.
- Inalámbrica: en la lista de redes encontradas, seleccione la suya. Si su red no aparece en la lista porque el nombre de red está oculto (ha desactivado la emisión de SSID del router), seleccione Añadir nueva red para introducir el nombre de la red.
- WPS: si el router tiene WPS, puede conectarse directamente al router sin búsqueda de redes. Si hay dispositivos en la red inalámbrica que utilizan el sistema de cifrado de seguridad WEP, no puede utilizar WPS.
- WPS con código PIN: si el router tiene WPS con código PIN, puede conectarse directamente al router sin búsqueda de redes. Si hay dispositivos en la red

inalámbrica que utilizan el sistema de cifrado de seguridad WEP, no puede utilizar WPS.

Cuenta de Google

Iniciar sesión

Para disfrutar de todas las funciones de su Android TV de Philips, puede iniciar sesión en Google con su cuenta de Google.

Si inicia sesión, podrá disfrutar de sus juegos favoritos en el teléfono, la tableta o el televisor. También obtendrá recomendaciones personalizadas de vídeos y música en la pantalla de inicio del televisor, además de acceso a YouTube, Google Play y otras aplicaciones.

Utilice su **cuenta de Google** para iniciar sesión en Google en el televisor. Una cuenta de Google se compone de una dirección de correo electrónico y una contraseña. Si aún no tiene una cuenta de Google, utilice su ordenador o tableta para crear una (accounts.google.com). Para disfrutar de los juegos de Google Play, se necesita un perfil de Google+. Si no inició sesión durante la instalación inicial del televisor, puede hacerlo más adelante en cualquier momento.

Iniciar sesión

Pulse  Inicio >  Aplicaciones > Google Play.

Con el teclado en pantalla, introduzca su dirección de correo electrónico y contraseña y pulse el botón **OK** para iniciar sesión.

Ajustes de Android

Puede ver o establecer información diferente o ajustes específicos de Android. Puede consultar la lista de aplicaciones instaladas en su televisor y el espacio de almacenamiento que necesitan. Con la búsqueda por voz, puede establecer el idioma que desee. Puede configurar el teclado en pantalla o permitir que las aplicaciones utilicen su ubicación. Explore los diferentes ajustes de Android. Puede visitar www.support.google.com/androidtv para obtener más información sobre estos ajustes.

Para abrir estos ajustes

Pulse  Inicio >  Ajustes > Ajustes > Ajustes de Android.





11.5

Canales

Listas de canales

Acerca de las listas de canales

Tras la instalación de canales, estos aparecen en la lista de canales. Los canales se muestran con su nombre y logotipo cuando dicha información está disponible.




Con una lista de canales seleccionada, pulse las flechas  (arriba) o  (abajo) para seleccionar un canal y, a continuación, pulse **OK** para ver el canal seleccionado. Solo se sintonizan los canales de esa lista al usar los botones  **+** o  **-**.

Emisoras de radio

Si está disponible la emisión digital, las emisoras digitales de radio se instalarán también durante la instalación. El procedimiento para cambiar de emisora de radio es idéntico al utilizado para cambiar de canal de televisión.


Abrir una lista de canales

Para abrir la lista de canales actual:

1. Pulse  para cambiar a televisión.
2. Pulse  para abrir la lista de canales actual.
3. Pulse  otra vez para cerrar la lista de canales.

Visualización de canales


Sintonización de un canal

Para ver canales de televisión, pulse . El televisor muestra el último canal visto.

Cambio de canal

- Para cambiar de canal, pulse  **+** o  **-**.

Canal anterior

Para volver al canal que estaba viendo antes, pulse  **BACK**.

Lista de canales

Mientras ve un canal de televisión, pulse  para abrir la lista de canales.

Opciones de canal

Apertura de Opciones

Interfaz común

Si ha instalado un CAM en una de las ranuras de interfaz común, puede ver información del CAM y del proveedor o hacer ajustes relacionados con el CAM.

Para ver la información del CAM:

- 1 - Sintonice el canal y pulse **+** **OPTIONS**.
- 2 - Seleccione **Interfaz común**.
- 3 - Seleccione la ranura de interfaz común correcta y pulse **➤** (derecha).
- 4 - Seleccione el proveedor de televisión del CAM y pulse **OK**. Las siguientes pantallas proceden del proveedor de televisión.

Subtítulos

Idioma de subtítulos

Idiomas de subtítulos preferidos

Una emisión digital puede ofrecer varios idiomas de subtítulos para un programa. Puede ajustar los idiomas principal y secundario que prefiera para los subtítulos. Si hay disponibles subtítulos en uno de esos idiomas, el televisor los mostrará.

Para ajustar los idiomas de subtítulos principal y secundario:

- 1 - Pulse **⏠** Inicio. Pulse **▼** (abajo), seleccione **Ajustes** y pulse **OK**.
- 2 - Seleccione **Región e idioma > Idiomas > Idioma de subtítulos principal o Idioma de subtítulos secundario**.
- 3 - Seleccione el idioma que necesite y pulse **OK**.
- 4 - Pulse **◀** (izquierda) para retroceder un paso o pulse **← BACK** para cerrar el menú.

Seleccionar un idioma de subtítulos

Si no hay disponible ninguno de los idiomas preferidos para los subtítulos, puede seleccionar otro idioma que esté disponible. Si no hay idiomas de subtítulos disponibles, no puede seleccionar esta opción.

Para seleccionar un idioma de subtítulos si ninguno de los idiomas preferidos está disponible:

- 1 - Pulse **+** **OPTIONS**.
- 2 - Seleccione **Idioma de subtítulos** y, a continuación, uno de los idiomas para usar en los subtítulos temporalmente.

Idioma de audio

Idioma de audio preferido

Una emisión digital puede ofrecer varios idiomas de audio para un programa. Puede ajustar idiomas de audio principal y secundario. Si el audio está disponible en uno de estos idiomas, el televisor cambiará a ese idioma.

Para ajustar los idiomas de audio principal y secundario:

- 1 - Pulse **⏠** Inicio. Pulse **▼** (abajo), seleccione **Ajustes** y pulse **OK**.
- 2 - Seleccione **Región e idioma** y seleccione **Idiomas > Idioma de audio principal o Idioma de audio secundario**.
- 3 - Seleccione el idioma que necesite y pulse **OK**.
- 4 - Pulse **◀** (izquierda) para retroceder un paso o pulse **← BACK** para cerrar el menú.

Selección de un idioma de audio

Si no hay disponible ninguno de los idiomas de audio preferidos, puede seleccionar otro idioma que esté disponible. Si no hay idiomas de audio disponibles, no puede seleccionar esta opción.

Para seleccionar un idioma de audio si ninguno de los idiomas preferidos está disponible:

- 1 - Pulse **+** **OPTIONS**.
- 2 - Seleccione **Idioma de audio** y, a continuación, uno de los idiomas de audio para usarlo temporalmente.

Información del canal

Visualización de la información del canal

Para consultar la información del canal seleccionado:

- 1 - Sintonice el canal.
- 2 - Pulse **+** **OPTIONS**, seleccione **Información del canal** y pulse **OK**.
- 3 - Para cerrar esta pantalla, pulse **OK**.

Mono/estéreo

Puede cambiar el sonido de un canal analógico a mono o estéreo.

Para cambiar a mono o estéreo:

- 1 - Sintonice un canal analógico.
- 2 - Pulse **+** **OPTIONS**, seleccione **Mono/estéreo** y pulse **➤** (derecha).
- 3 - Seleccione **Mono o Estéreo** y pulse **OK**.
- 4 - Pulse **◀** (izquierda) para retroceder un paso o

pulse **←** BACK para cerrar el menú.

Información del programa

Visualización de la información del programa

Para consultar la información del programa seleccionado:

- 1 - Sintonice el canal.
- 2 - Pulse **+** **OPTIONS**, seleccione **Información del programa** y pulse **OK**.
- 3 - Para cerrar esta pantalla, pulse **OK**.

11.6

Instalación de canales

Instalación de canales

Instalación de la conexión por antena/cable

Buscar canales

Puede volver a instalar todos los canales y dejar el resto de ajustes del televisor sin tocar.

Si se ha establecido un código PIN, deberá introducir dicho código para poder reinstalar los canales.

Para buscar canales:

- 1 - Pulse **Inicio** > **Ajustes** > **Instalar canales** y pulse **OK**.
- 2 - Seleccione **RF Instalación de canales** y pulse **OK**.
- 3 - Introduzca el código PIN si es necesario. Seleccione **Buscar canales** y pulse **OK**. Seleccione **Iniciar** y pulse **OK**. Seleccione el país en el que se encuentra en ese momento y pulse **OK**. Seleccione **Iniciar** y pulse **OK**. Seleccione el tipo de instalación que desee, **Antena (DVB-T)** o **Cable (DVB-C)** y pulse **OK**. Seleccione **Siguiente** y pulse **OK**. Seleccione el tipo de canales que desee, **Canales digitales y analógicos** o **Solo canales digitales** y pulse **OK**. Seleccione **Siguiente** y pulse **OK**. Seleccione **Inicio** y pulse **OK** para actualizar los canales digitales. Esto puede tardar unos minutos. Pulse **←** (izquierda) para retroceder un paso o **←** BACK para cerrar el menú.

Actualización automática de canal

Si recibe canales digitales, puede ajustar el televisor para que actualice automáticamente la lista con los canales nuevos.

Una vez al día, a las seis de la mañana, el televisor actualiza los canales y guarda los nuevos. Los nuevos canales se almacenan en la lista de canales y se marcan con el símbolo **★**. Los canales sin señal se eliminan. El televisor debe estar en modo de espera para llevar a cabo la actualización automática de canales. Puede desactivar la actualización automática de canales.

Para desactivar la actualización automática:

- 1 - Pulse **Inicio** > **Ajustes** > **Instalar canales** y pulse **OK**.
- 2 - Seleccione **RF Instalación de canales** y pulse **OK**.
- 3 - Introduzca el código PIN si es necesario.
- 4 - Seleccione **Actualización automática de canal** y pulse **OK**.
- 5 - Seleccione **Apagado** y pulse **OK**.
- 6 - Pulse **←** (izquierda) para retroceder un paso o **←** BACK para cerrar el menú.

Mensaje de actualización de canales

Si se han encontrado nuevos canales o se han actualizado o eliminado canales, aparecerá un mensaje al encender el televisor. Si no desea ver este mensaje tras cada actualización de canales, puede desactivarlo.

Para desactivar el mensaje:

- 1 - Pulse **Inicio** > **Ajustes** > **Instalar canales** y pulse **OK**.
- 2 - Seleccione **RF Instalación de canales** y pulse **OK**.
- 3 - Introduzca el código PIN si es necesario.
- 4 - Seleccione **Actualización automática de canal** y pulse **OK**.
- 5 - Seleccione **Apagado** y pulse **OK**.
- 6 - Pulse **←** (izquierda) para retroceder un paso o **←** BACK para cerrar el menú.

En algunos países, la actualización automática de canales se realiza mientras se ve la televisión o en cualquier momento, cuando el televisor está en modo de espera.

Digital: Instalación manual

Los canales de televisión digitales se pueden instalar uno a uno manualmente.

Para instalar canales digitales manualmente:

- 1 - Pulse **Inicio** > **Ajustes** > **Instalar canales** y

pulse **OK**.

2 - Seleccione **RF Instalación de canales** y pulse **OK**.

3 - Seleccione **Digital: instalación manual** y pulse **OK**.

4 - Seleccione **Buscar** y pulse **OK**. Puede introducir una frecuencia manualmente para buscar un canal o dejar que el televisor lo busque. Pulse **➤** (derecha) para seleccionar **Buscar** y pulse **OK** para buscar un canal automáticamente. El canal encontrado se muestra en la pantalla. Si la recepción es deficiente, pulse **Buscar** de nuevo. Si desea memorizar el canal, seleccione **Hecho** y pulse **OK**.

Analógico: Instalación manual

Los canales de televisión analógicos se pueden instalar uno a uno manualmente.

Para instalar canales analógicos manualmente:

1 - Pulse **Inicio** > **Ajustes** > **Instalar canales** y pulse **OK**.

2 - Seleccione **RF Instalación de canales** y pulse **OK**.

3 - Seleccione **Analógico: instalación manual** y pulse **OK**.

• Sistema

Para configurar el sistema de televisión, seleccione **Sistema**.

Seleccione el país o región donde se encuentra y pulse **OK**.

• Buscar canal

Para buscar un canal, seleccione **Buscar canal** y pulse **OK**. Puede introducir una frecuencia manualmente para buscar un canal o dejar que el televisor lo busque. Pulse **➤** (derecha) para seleccionar **Buscar** y pulse **OK** para buscar un canal automáticamente. El canal encontrado se muestra en la pantalla. Si la recepción es deficiente, pulse **Buscar** de nuevo. Si desea memorizar el canal, seleccione **Hecho** y pulse **OK**.

• Guardar

Puede guardar el canal en el número de canal actual o en uno nuevo.

Seleccione **Guardar canal actual** o **Guardar como canal nuevo** y pulse **OK**. El nuevo número de canal se muestra brevemente.

Puede repetir estos pasos hasta encontrar todos los canales de televisión analógicos disponibles.

11.7

Internet

Inicio de Internet

Puede navegar por Internet en el televisor. Puede ver cualquier sitio web de Internet, aunque la mayoría de ellos no están preparados para la pantalla del televisor.

- Algunos complementos (para ver páginas o vídeos, por ejemplo) no están disponibles en el televisor.
- No puede enviar o descargar archivos.
- Las páginas de Internet se muestran en una sola página y a pantalla completa.

Para iniciar el navegador de Internet:

1 - Pulse **HOME**.

2 - Desplácese hacia abajo, seleccione **Aplicaciones** > **Internet** y pulse **OK**.

3 - Escriba una dirección de Internet, seleccione **✓** y pulse **OK**.

4 - Para cerrar Internet, pulse **HOME** o **⏏**.

Opciones de Internet

Hay algunos extras disponibles para Internet.

Para abrir los extras:

1 - Con el sitio web abierto, pulse **OPTIONS**.

2 - Seleccione uno de los elementos y pulse **OK**.

- Añadir a marcación rápida: Para introducir una nueva dirección de Internet.
- Añadir a favoritos: Para añadir la página como favorita.
- Seguridad de la página: Para ver el nivel de seguridad de la página actual.
- Nueva pestaña privada: Para abrir una nueva pestaña y navegar en privado.
- Ajustes: Para ajustar el zoom, el tamaño del texto, el modo de accesibilidad, mostrar siempre la barra de menús y borrar el historial (navegación).
- Ayuda: Para obtener información del navegador de Internet.
- Salir del navegador de Internet: Para cerrar el navegador de Internet.

11.8

Smartphones y tabletas

MHL

Este televisor es compatible con MHL™.

Si su dispositivo móvil también es compatible con MHL, puede conectarlo con un cable MHL al televisor. Con el cable MHL conectado, podrá compartir lo que hay en su dispositivo móvil en la pantalla del televisor. La batería del dispositivo móvil se carga al mismo tiempo. La conexión MHL es ideal para ver películas o jugar a juegos del dispositivo móvil en el televisor durante periodos de tiempo más prolongados.

Carga

Con el cable MHL conectado, el dispositivo se cargará mientras el televisor está encendido (no en modo de espera).

Cable MHL

Necesita un cable MHL pasivo (HDMI a micro USB) para conectar el dispositivo móvil al televisor. Puede que necesite un adaptador adicional para conectar su dispositivo móvil. Para conectar el cable MHL al televisor, utilice la conexión HDMI 1 MHL.



MHL, Mobile High-Definition Link y el logotipo de MHL son marcas comerciales o marcas comerciales registradas de MHL, LLC.

11.9

Software

Actualizar software

Versión software

Para ver la versión actual del software del televisor:

- 1 - Pulse , seleccione **Ajustes** y pulse **OK**.
- 2 - Seleccione **Actualizar software** > **Firmware actual** y pulse **OK**.
- 3 - Se mostrarán la versión, las notas de la versión y la fecha de creación.
- 4 - Pulse (izquierda) varias veces si fuera necesario para cerrar el menú.

Actualización desde el sitio web

Puede encontrar la versión actual del firmware del televisor en el menú de ajustes en "Actualizar software" > "Firmware actual".

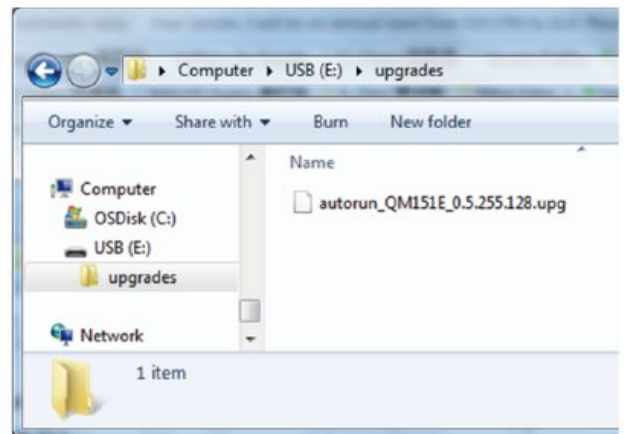
Visite con regularidad www.philips.com/support para

buscar nuevas actualizaciones de firmware.

Siga las instrucciones que aparecen a continuación para actualizar el firmware del televisor.

Descarga del software más reciente:

- 1 - Inicie Internet Explorer.
- 2 - Acceda al sitio de asistencia de Philips en la dirección <http://www.philips.com/support>.
- 3 - Introduzca el número de modelo. (Puede encontrar el número de modelo en la etiqueta de la parte posterior del televisor)
- 4 - En la página de producto del televisor, seleccione Asistencia.
- 5 - Seleccione "Actualizaciones de software" y haga clic en "Descargar archivo" para descargar el software. (El software está disponible en un archivo .zip).
- 6 - Si la versión de software es superior a la versión instalada en su televisor, haga clic en el enlace de descarga del software.
- 7 - Acepte el acuerdo de licencia o los términos y condiciones. Para ello, seleccione "Acepto". A continuación, el archivo .zip se descargará automáticamente.
- 8 - Descomprima el archivo .zip en cualquier directorio utilizando una función de archivo.
- 9 - Cree una carpeta de actualizaciones con el nombre "upgrades" en el directorio principal de su unidad flash USB.
- 10 - Copie el archivo .upg que ha extraído previamente en la carpeta de actualizaciones, tal y como se indica en la siguiente imagen.
- 11 - Desconecte la unidad flash USB del ordenador.



Actualización del software:

- 1 - Conecte la unidad flash USB (que contiene la actualización de software) al conector USB del televisor. Espere 30 segundos o hasta que el televisor reconozca la unidad USB.
- 2 - Su televisor empezará a cargar la actualización del software automáticamente.
- 3 - Cuando la actualización haya terminado de cargarse, pulse "Iniciar" para activar la actualización del televisor.

Software de código fuente abierto

Licencia de código fuente abierto

Acerca de la licencia de código fuente abierto

Archivo LÉAME sobre el código fuente de las partes del software del televisor de TP Vision Netherlands B.V. que se enmarcan bajo licencias de código abierto.

Este documento describe la distribución del código fuente utilizado en el televisor de TP Vision Netherlands B.V., que se rige por la Licencia Pública General de GNU (GPL), la Licencia Pública General Reducida de GNU (LGPL), o cualquier otra licencia de código abierto. Para saber cómo obtener copias del software, consulte las Instrucciones de uso.

TP Vision Netherlands B.V. NO OFRECE NINGUNA GARANTÍA, NI EXPLÍCITA NI IMPLÍCITA, INCLUIDAS LAS GARANTÍAS DE COMERCIALIZACIÓN O IDONEIDAD PARA UN FIN DETERMINADO, EN LO QUE RESPECTA A ESTE SOFTWARE. TP Vision Netherlands B.V. no ofrece soporte para este software. Lo anteriormente mencionado no afecta a sus garantías o derechos legales relativos a productos de TP Vision Netherlands B.V. que haya adquirido. Únicamente se aplica al código fuente puesto a su disposición.

Open Source

Android (7.1.1)

This tv contains the Android Nougat Software. Android is a Linux-based operating system designed primarily for touchscreen mobile devices such as smartphones and tablet computers. This software will also be reused in TPVision Android based TV's. The original download site for this software is : <https://android.googlesource.com/>. This piece of software is made available under the terms and conditions of the Apache license version 2, which can be found below. Android APACHE License Version 2 (<http://source.android.com/source/licenses.html>). This includes all external sources used by official Android AOSP.

linux kernel (3.10.79)

This tv contains the Linux Kernel. The original download site for this software is : <http://www.kernel.org/>. This piece of software is made available under the terms and conditions of the GPL v2 license, which can be found below. Additionally, following exception applies: "NOTE! This copyright does *not* cover user programs that use kernel services by normal system calls - this is merely considered normal use of the kernel, and does *not* fall under the heading of "derived work". Also note that the GPL below is copyrighted by the Free Software Foundation, but the instance of code that it refers to (the linux kernel) is copyrighted by me and others who actually wrote it. Also note that the only valid version of the GPL as far as the kernel is concerned is `_this_` particular version of the license (ie v2, not v2.2 or v3.x or whatever), unless explicitly otherwise stated. Linus Torvalds"

libcurl (7.50.1)

libcurl is a free and easy-to-use client-side URL transfer library, supporting DICT, FILE, FTP, FTPS, Gopher, HTTP, HTTPS, IMAP, IMAPS, LDAP, LDAPS, POP3, POP3S, RTMP, RTSP, SCP, SFTP, SMTP, SMTPS, Telnet and TFTP. libcurl supports SSL certificates, HTTP POST, HTTP PUT, FTP uploading, HTTP form based upload, proxies, cookies, user+password authentication (Basic, Digest, NTLM, Negotiate, Kerberos), file transfer resume, http proxy tunneling and more! The original download site for this software is : <http://curl.haxx.se/libcurl/> COPYRIGHT AND PERMISSION NOTICE Copyright (c) 1996 - 2010, Daniel Stenberg, daniel@haxx.se. All rights reserved. Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE. Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

libfreetypeex (2.4.2)

FreeType is a software development library, available in source and binary forms, used to render text on to bitmaps and provides support for other font-related operations. The original download site for this software is

: <https://github.com/julienr/libfreetype-android>

Freetype License

libjpegex (8a)

This package contains C software to implement JPEG image encoding, decoding, and transcoding. This software is based in part on the work of the Independent JPEG Group.-----The authors make NO WARRANTY or representation, either express or implied, with respect to this software, its quality, accuracy, merchantability, or fitness for a particular purpose. This software is provided "AS IS", and you, its user, assume the entire risk as to its quality and accuracy. This software is copyright (C) 1991-1998, Thomas G. Lane. All Rights Reserved except as specified below. Permission is hereby granted to use, copy, modify, and distribute this software (or portions thereof) for any purpose, without fee, subject to these conditions:(1) If any part of the source code for this software is distributed, then this README file must be included, with this copyright and no-warranty notice unaltered; and any additions, deletions, or changes to the original files must be clearly indicated in accompanying documentation.(2) If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the Independent JPEG Group".(3) Permission for use of this software is granted only if the user accepts full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind. These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us. Permission is NOT granted for the use of any IJG author's name or company name in advertising or publicity relating to this software or products derived from it. This software may be referred to only as "the Independent JPEG Group's software". We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are assumed by the product vendor.

libpngex (1.4.1)

libpng is the official Portable Network Graphics (PNG) reference library (originally called pnglib). It is a platform-independent library that contains C functions for handling PNG images. It supports almost all of PNG's features, is extensible. The original download site for this software is :

<https://github.com/julienr/libpng-androidlibpng>

license

dvbsnoop (1.2)

dvbsnoop is a DVB / MPEG stream analyzer program. For generating CRC32 values required for composing PAT, PMT, EIT sections The original download site for this software is :

https://github.com/a4tunado/dvbsnoop/blob/master/src/misc/crc32.cGPL_v2

<http://dvbsnoop.sourceforge.net/dvbsnoop.html>

gSoap (2.7.15)

The gSOAP toolkit is an open source C and C++ software development toolkit for SOAP/XML Web services and generic (non-SOAP) C/C++ XML data bindings. Part of the software embedded in this product is gSOAP software. Portions created by gSOAP are Copyright 2001-2009 Robert A. van Engelen, Genivia inc. All Rights Reserved. THE SOFTWARE IN THIS PRODUCT WAS IN PART PROVIDED BY GENIVIA INC AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

restlet (2.3.0)

Restlet is a lightweight, comprehensive, open source REST framework for the Java platform. Restlet is suitable for both server and client Web applications. It supports major Internet transport, data format, and service description standards like HTTP and HTTPS, SMTP, XML, JSON, Atom, and WADL. The original download site for this software is

: <http://restlet.org> This piece of software is made available under the terms and conditions of the Apache License version 2.

FaceBook SDK (3.0.1)

This TV contains Facebook SDK. The Facebook SDK for Android is the easiest way to integrate your Android app with Facebook's platform. The SDK

provides support for Login with Facebook authentication, reading and writing to Facebook APIs and support for UI elements such as pickers and dialogs. The original download site for this software is : <https://developer.facebook.com/docs/android>

This piece of software is made available under the terms and conditions of the Apache License version 2.

ffmpeg (2.1.3)

This TV uses FFmpeg. FFmpeg is a complete, cross-platform solution to record, convert and stream audio and video. The original download site for this software is : <http://ffmpeg.org> This piece of software is made available under the terms and conditions of the GPL v2 license, which can be found below.

gson (2.3)

This TV uses gson. Gson is a Java library that can be used to convert Java Objects into their JSON representation. It can also be used to convert a JSON string to an equivalent Java object. Gson can work with arbitrary Java objects including pre-existing objects that you do not have source-code of. The original download site for this software is : <https://code.google.com/p/google-gson/> . This piece of software is made available under the terms and conditions of the Apache License 2.0

This software includes an implementation of the AES Cipher, licensed by Brian Gladman. The original download site for this software is : <http://www.gladman.me.uk/> This piece of software is licensed by Brian Gladman.

libUpNp (1.2.1)

The original download site for this software is : <http://upnp.sourceforge.net/> This piece of software is made available under the terms and conditions of the BSD.

live555 (0.82)

Live555 provides RTP/RTCP/RTSP client. The original download site for this software is : <http://www.live555.com> This piece of software is made available under the terms and conditions of the LGPL v2.1 license, which can be found below.

dnsmasq

Dnsmasq is a lightweight, easy to configure DNS forwarder and DHCP server. The original download site for this software is

:

<https://android.googlesource.com/platform/external/dnsmasq> This piece of software is made available under the terms and conditions of the GPL v2 license, which can be found below.

TomCrypt (1.1)

iwedia stack is using tomcrypt for sw decryption. The original download site for this software is

:

<http://manpages.ubuntu.com/manpages/saucy/man3/libtomcrypt.3.html>. This piece of software is made available under the terms and conditions of the WTFPL.

u-boot (2011-12)

U-boot is a boot loader for embedded boards based on ARM, MIPS and other processors, which can be installed in a boot ROM and used to initialize and test the hardware or to download and run application code. This piece of software is made available under the terms and conditions of the GPL v2 license, which can be found below.

AsyncHttpClient (1.4.9)

The original download site for this software is : <http://loopj.com/android-async-http/> This piece of software is made available under the terms and conditions of the APACHE LICENSE 2.0

httpClient-4.4.1.1 (4.4.1.1)

This is needed to import cz.msebera.android.httpClient used by AssynchHttpClient The original download site for this software is

:

<http://mvnrepository.com/artifact/cz.msebera.android/httpclient/4.4.1.1> This piece of software is made available under the terms and conditions of the APACHE LICENSE 2.0

Jackson Parser (2.x)

lpepg client uses Jackson Parser for string manipulation. The original download site for this software is

: <https://github.com/FasterXML/jackson-core> This piece of software is made available under the terms and conditions of the APACHE LICENSE 2.0

audio a2dp (2.x)

Bluetooth stack. The original download site for this software is

:

<https://android.googlesource.com/platform/system/bt> This piece of software is made available under the terms and conditions of the APACHE LICENSE 2.0

libexif (0.6.21)

Exif JPEG header manipulation tool. The original download site for this software is : <http://libexif.sourceforge.net/> This piece of software is made available under the terms and conditions of the APACHE LICENSE 2.0

libexpat (2.1.0)

Expat XML Parser. The original download site for this software is : <http://www.libexpat.org/Expat> is free software. You may copy, distribute, and modify it under the terms of the License contained in the file COPYING distributed with this package. This license is the same as the MIT/X Consortium license.

libFFTEm ()

neven face recognition library. The original download site for this software is : No info. This piece of software is made available under the terms and conditions of the APACHE LICENSE 2.0

libcui18n (49.1.1)

International Components for unicode. The original download site for this software is : <http://icu-project.org> This piece of software is made available under the terms and conditions of the BSD.

libiprouteutil (3.4.0)

iproute2 TCP/IP networking and traffic control. The original download site for this software is : <http://www.linuxfoundation.org/> This piece of software is made available under the terms and conditions of the GPL v2. which can be found below

libjpeg (3.4.0)

libjpeg-turbo is a JPEG image codec that uses SIMD instructions (MMX, SSE2, NEON) to accelerate baseline JPEG compression and decompression on x86, x86-64, and ARM systems. The original download site for this software is : <http://www.ijg.org/libjpeg-turbo> is covered by three compatible BSD-style open source licenses. Refer to LICENSE.txt for a roll-up of license terms.

libmtp (1.0.1)

libmtp The original download site for this software is : <http://libmtp.sourceforge.net/> . This piece of software is made available under the terms and conditions of the LGPL V2.

libmdnssd (320.10.80)

MDNS Responder. The mDNSResponder project is a component of Bonjour, 5Apple's ease-of-use IP networking initiative. The original download site for this software is : <http://www.opensource.apple.com/tarballs/mDNSResponder/> This piece of software is made available under the terms and conditions of the Apache license version 2

libnfc_ndef ()

The original download site for this software is : No info. This piece of software is made available under the terms and conditions of the Apache license version 2

libskia ()

skia 2D graphics library Skia is a complete 2D graphic library for drawing Text, Geometries, and Images. The original download site for this software is : <http://code.google.com/p/skia/> This piece of software is made available under the terms and conditions of the BSD.

libsonivox ()

The original download site for this software is : No info. This piece of software is made available under the terms and conditions of the Android APACHE License Version 2.

libsqlite (3.9.2)

SQLite database. The original download site for this software is : <http://www.sqlite.org> This piece of software is made available under the terms and conditions of the Android APACHE License Version 2.

libttspsico ()

The original download site for this software is : No info. This piece of software is made available under the terms and conditions of the Android APACHE License Version 2.

libtinyalsa ()

tinyalsa: a small library to interface with ALSA in the

Linux kernel. The original download site for this software is : No info. This piece of software is made available under the terms and conditions of the BSD.

wpa_supplicant (0.8)

Library used by legacy HAL to talk to wpa_supplicant daemon. The original download site for this software is : <http://hostap.epitest.fi/> This piece of software is made available under the terms and conditions of the GPLv2.

libz (1.2.8)

zlib compression library. The original download site for this software is : <http://zlib.net> This piece of software is made available under the terms and conditions of the BSD.

iptables (1.4.20)

iptables is a user space application program that allows a system administrator to configure the tables provided by the Linux kernel firewall (implemented as different Netfilter modules) and the chains and rules it stores. Different kernel modules and programs are currently used for different protocols; iptables applies to IPv4The original download site for this software is : <https://android.googlesource.com/> This piece of software is made available under the terms and conditions of the GPLv2.

toolbox (1.2.8)

The 'toolbox' command in Android is a multi-function program. It encapsulates the functionality of many common Linux commands (and some special Android ones) into a single binary. This makes it more compact than having all those other commands installed individually. The original download site for this software is : <https://android.googlesource.com/> This piece of software is made available under the terms and conditions of the Android APACHE License Version 2.

libssl (7b8b9c17db93ea5287575b437c77fb36eeb81b31)

BoringSSL The original download site for this software is : <https://boringssl.googlesource.com/boringssl/> This piece of software is made available under the terms and conditions of the BSD.

libOpenMAXAL (7b8b9c17db93ea5287575b437c77fb36eeb81b31)

OpenMAX AL is an application-level multimedia

playback and recording API for mobile embedded devicesThe original download site for this software is : <https://www.khronos.org/openmax/> License free

libOpenSLES (1.0)

Khronos OpenSL Sound API spec. The original download site for this software is : <https://www.khronos.org/opensles/> License free

libEGL libGLESv1_CM (3.1)

Khronos OpenGL Graphics API spec. The original download site for this software is : <https://www.opengl.org/> License free

libffmpeg_av (2.1)

FFmpeg media player. The original download site for this software is : <https://ffmpeg.org/> This piece of software is licensed under LGPL v2.1

libcurlmheg (7.21.6)

curl for MHEG. The original download site for this software is : <https://ffmpeg.org/> Curl and libcurl are licensed under a MIT/X derivate license. Please look at <https://curl.haxx.se/docs/copyright.html>

boringsssl (af0e32cb84f0c9cc65b9233a3414d2562642b342)

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libpng (1.6.22beta)

libpng is the official Portable Network Graphics (PNG) reference library (originally called pnglib). It is a platform-independent library that contains C functions for handling PNG images. It supports almost all of PNG's features, is extensible. The original download site for this software is : <https://github.com/julienr/libpng-android> This code is released under the libpng license.

Hue SDK (1.8.1)

TV ambihue app uses Philips SDK to find the hue bridge name. The original download site for this software is : <https://developers.meethue.com/documentation/java-multi-platform-and-android-sdk>

Opera Web Browser (SDK 4.8.0)

This TV contains Opera Browser Software.

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URL:

http://www.gnome.org/fonts/#Final_Bitstream_Vera_Fonts

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Copyright FAQ

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1. I don't understand the resale restriction... What gives?

Bitstream is giving away these fonts, but wishes to ensure its
competitors can't just drop the fonts as is into a font sale system
and sell them as is. It seems fair that if Bitstream can't make money
from the Bitstream Vera fonts, their

competitors should not be able to

do so either. You can sell the fonts as part of any software package,

however.

2. I want to package these fonts separately for distribution and

sale as part of a larger software package or system. Can I do so?

Yes. A RPM or Debian package is a "larger software package" to begin

with, and you aren't selling them independently by themselves.

See 1. above.

3. Are derivative works allowed?

Yes!

4. Can I change or add to the font(s)?

Yes, but you must change the name(s) of the font(s).

5. Under what terms are derivative works allowed?

You must change the name(s) of the fonts. This is to ensure the

quality of the fonts, both to protect Bitstream and Gnome. We want to

ensure that if an application has opened a font specifically of these

names, it gets what it expects (though of course, using fontconfig,

substitutions could still could have occurred during font

opening). You must include the Bitstream copyright. Additional

copyrights can be added, as per copyright law. Happy Font Hacking!

6. If I have improvements for Bitstream Vera, is it possible they might get

adopted in future versions?

Yes. The contract between the Gnome Foundation and Bitstream has

provisions for working with Bitstream to ensure quality additions to

the Bitstream Vera font family. Please contact us if you have such

additions. Note, that in general, we will want such additions for the

entire family, not just a single font, and that you'll have to keep

both Gnome and Jim Lyles, Vera's designer, happy! To make sense to add

glyphs to the font, they must be stylistically in keeping with Vera's

design. Vera cannot become a "ransom note" font. Jim Lyles will be

providing a document describing the design elements used in Vera, as a

guide and aid for people interested in contributing to Vera.

7. I want to sell a software package that uses these fonts: Can I do so?

Sure. Bundle the fonts with your software and sell your software

with the fonts. That is the intent of the copyright.

8. If applications have built the names "Bitstream Vera" into them,

can I override this somehow to use fonts of my choosing?

This depends on exact details of the software. Most open source

systems and software (e.g., Gnome, KDE, etc.) are now converting to

use fontconfig (see www.fontconfig.org) to handle font configuration,

selection and substitution; it has provisions for overriding font

names and substituting alternatives. An example is provided by the

supplied local.conf file, which chooses the family Bitstream Vera for

"sans", "serif" and "monospace". Other software (e.g., the XFree86

core server) has other mechanisms for font substitution.

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libcurl

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libcurl - lib/krb5.c

URL:

<https://github.com/bagder/curl/blob/master/lib/krb5.c>

/* GSSAPI/krb5 support for FTP - loosely based on old krb4.c

*

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libcurl - lib/security.c

URL:

<https://github.com/bagder/curl/blob/master/lib/security.c>

/* This source code was modified by Martin Hedenfalk <mhe@stacken.kth.se> for

* use in Curl. His latest changes were done 2000-09-18.

*

* It has since been patched and modified a lot by Daniel Stenberg

* <daniel@haxx.se> to make it better applied to curl conditions, and to make

* it not use globals, pollute name space and more. This source code awaits a

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David M. Gay's floating point routines

URL: <http://www.netlib.org/fp/>

/******

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dynamic annotations

URL: <http://code.google.com/p/data-race-test/wiki/DynamicAnnotations>

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google-glog's symbolization library

URL: <https://github.com/google/glog>

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URL: <https://github.com/google/open-vcdiff>

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Glenn Randers-Pehrson

glennrp at users.sourceforge.net

November 12, 2015

libsrtip

URL: <https://github.com/cisco/libsrtip>

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URL: <http://libusb.org>

libvpx

URL: <http://www.webmproject.org>

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WebP image encoder/decoder

URL: <http://developers.google.com/speed/webp>

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linux-syscall-support

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URL: <https://code.google.com/p/lz4/>

LZ4 Library

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modp base64 decoder

URL: <https://github.com/client9/stringencoders>

```
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encoder/decoder
* Version 1.3 -- 17-Mar-2006
* http://modp.com/release/base64
*
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Mojo

URL: <https://github.com/domokit/mojo>

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mt19937ar

URL: <http://www.math.sci.hiroshima-u.ac.jp/m-mat/MT/MT2002/emt19937ar.html>

A C-program for MT19937, with initialization improved 2002/1/26.

Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`

or `init_by_array(init_key, key_length)`.

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Netscape Plugin Application Programming Interface (NPAPI)

URL: <http://mxr.mozilla.org/mozilla-central/source/modules/plugin/base/public/>

Version: MPL 1.1/GPL 2.0/LGPL 2.1

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URL:

<https://silver.arm.com/download/Software/Graphics/OX000-BU-00010-r1p0-00bet0/OX000-BU-00010-r1p0-00bet0.tgz>

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opus

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OTS (OpenType Sanitizer)

URL: <https://github.com/khaledhosny/ots.git>

PLY (Python Lex-Yacc)

URL: <http://www.dabeaz.com/ply/ply-3.4.tar.gz>

PLY (Python Lex-Yacc)
Version 3.4

Protocol Buffers

URL: <http://protobuf.googlecode.com/svn/trunk>

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Quick Color Management System

URL: <https://github.com/jrmuizel/qcms/tree/v4>

qcms

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tcmalloc

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The USB ID Repository

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usrstcp

URL: <http://github.com/sctplab/usrstcp>

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URL: <https://github.com/web-animations/web-animations-js>

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x86inc

URL:

<http://git.videolan.org/?p=x264.git;a=blob:f=common/x86/x86inc.asm>

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;* x86inc.asm  
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.*  
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;* Authors: Loren Merritt <lorenm@u.washington.edu>  
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.* Anton Mitrofanov  
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```

```

; This is a header file for the x264ASM assembly
language, which uses
; NASM/YASM syntax combined with a large number
of macros to provide easy
; abstraction between different calling conventions
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; It also has various other useful features to simplify
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```

```

zlib
URL: http://zlib.net/

```

```

/* zlib.h -- interface of the 'zlib' general purpose
compression library
version 1.2.4, March 14th, 2010

```

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Jean-loup Gailly
Mark Adler

```
*/
```

```

url_parse
URL: http://mxr.mozilla.org/comm-central/source/mozilla/network/base/src/nsURLParsers.cpp

```

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assembler-ia32.cc, assembler-ia32.h, assembler-x64-inl.h,

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Ayuda y asistencia

13.1

Solución de problemas

Encendido y mando a distancia

El televisor no se enciende.

- Desconecte el cable de alimentación de la toma de corriente. Espere un minuto y vuelva a conectarlo.
- Asegúrese de que el cable de alimentación está bien conectado.

Suena un chirrido al encender o apagar el televisor

Cuando enciende, apaga o pone en modo de espera el televisor, se oír un chirrido procedente de la carcasa del televisor. Este sonido se debe a la expansión y contracción normales del televisor al calentarse o enfriarse y no afecta a su rendimiento.

El televisor no responde al mando a distancia


El televisor tarda unos segundos en iniciarse. Durante este tiempo, no responde al mando a distancia ni a los controles del televisor. Este es un comportamiento normal.

Si el televisor sigue sin responder al mando a distancia, puede comprobar si el mando a distancia funciona utilizando la cámara de un teléfono móvil. Ponga el teléfono en el modo de cámara y enfoque el mando a distancia hacia la lente de la cámara. Si pulsa cualquier botón del mando a distancia y observa el parpadeo del LED infrarrojo a través de la cámara, significa que el mando a distancia funciona; Será preciso revisar el televisor.

Si no observa el parpadeo, es posible que el mando a distancia esté estropeado o que se hayan agotado las pilas.

Este método de comprobación del mando a distancia no es posible con mandos emparejados de forma inalámbrica con el televisor.

El televisor vuelve al modo de espera tras mostrar la pantalla de inicio de Philips

Cuando el televisor está en modo de espera, se muestra la pantalla de inicio de Philips y, a continuación, el televisor vuelve al modo de espera. Este es un comportamiento normal. Cuando el televisor se desconecta y se vuelve a conectar al suministro eléctrico, la pantalla de inicio se muestra en el siguiente inicio. Para encender el televisor desde el modo de espera, pulse  en el mando a distancia o el televisor.

La luz del modo de espera no deja de parpadear

Desconecte el cable de alimentación de la toma de corriente. Espere cinco minutos antes de volver a

conectarlo. Si vuelve a producirse el parpadeo, póngase en contacto con el servicio de atención al cliente de Philips.

Canales

No se ha encontrado ningún canal digital durante la instalación

Consulte las especificaciones técnicas para asegurarse de que el televisor es compatible con TDT o TDC en su país.

Compruebe que todos los cables están correctamente conectados y que se ha seleccionado la red adecuada.

Los canales instalados previamente no aparecen en la lista de canales

Compruebe que ha seleccionado la lista de canales correcta.

Imagen

No hay imagen o está distorsionada

- Compruebe que la antena está conectada correctamente al televisor.
- Asegúrese de que se ha seleccionado el dispositivo correcto como fuente.
- Compruebe que el dispositivo externo o fuente está conectado correctamente.

Hay sonido pero no imagen

- Asegúrese de que los ajustes de imagen son los correctos.

La recepción de la antena es deficiente

- Compruebe que la antena está conectada correctamente al televisor.
- Un volumen alto de los altavoces, dispositivos de audio sin toma de tierra, luces de neón, edificios altos u objetos de gran tamaño; todos estos factores pueden afectar a la calidad de la recepción. Si es posible, intente mejorar la calidad de la recepción cambiando la dirección de la antena o alejando dispositivos del televisor.
- Si solo la recepción de un canal en particular es deficiente, ajuste la sintonía fina de ese canal.

Imagen deficiente de un dispositivo

- Asegúrese de que el dispositivo esté conectado correctamente.
- Asegúrese de que los ajustes de imagen son los correctos.

La imagen no encaja en la pantalla

Cambie el formato de la imagen.

La posición de la imagen no es correcta

Las señales de imagen de algunos dispositivos podrían no encajar correctamente en la pantalla.

Compruebe la salida de la señal del dispositivo conectado.

La imagen del ordenador no es estable

Compruebe que la velocidad de actualización y la resolución que utiliza el ordenador son compatibles.

Sonido

No hay sonido o es de baja calidad

Si no detecta una señal de audio, el televisor desactiva automáticamente la salida de audio, pero ello no indica que haya un problema.

- Compruebe que los ajustes de sonido son correctos.
- Compruebe que todos los cables están bien conectados.
- Compruebe que el volumen no está silenciado o reducido al mínimo.
- Compruebe que la salida del audio del televisor está conectada a la entrada de audio del sistema de cine en casa.

El sonido debería oírse a través de los altavoces del sistema de cine en casa.

- Es posible que algunos dispositivos requieran la activación manual de la salida de audio HDMI. Si ya está activado el audio HDMI pero sigue sin oír el sonido, pruebe a cambiar el formato de audio digital del dispositivo a PCM (modulación por impulsos codificados). Consulte las instrucciones en la documentación incluida con el dispositivo.

Conexiones

HDMI

- Tenga en cuenta que HDCP (protección de contenido digital de gran ancho de banda) puede retrasar el tiempo que un televisor tarda en mostrar contenido de un dispositivo HDMI.
- Si el televisor no reconoce el dispositivo HDMI y no muestra ninguna imagen, cambie la fuente de un dispositivo a otro y viceversa.
- Si se producen interrupciones del sonido intermitentes, compruebe que los ajustes de salida del dispositivo HDMI son correctos.
- Si utiliza un adaptador o un cable de HDMI a DVI, asegúrese de que hay conectado un cable de audio adicional a la entrada AUDIO IN (solo miniconector) si está disponible.

EasyLink no funciona

- Asegúrese de que los dispositivos HDMI son compatibles con HDMI-CEC. Las funciones de EasyLink solo funcionan con dispositivos compatibles con HDMI-CEC.

No se muestra el icono de volumen

- Este comportamiento es normal cuando se conecta un dispositivo de audio HDMI-CEC.

No se reproducen las fotos, los vídeos ni la música de un dispositivo USB

- Compruebe que el dispositivo de almacenamiento USB se ha configurado como compatible con Mass Storage Class, según se describa en la documentación del dispositivo de almacenamiento.
- Asegúrese de que el dispositivo de almacenamiento USB es compatible con el televisor.
- Compruebe que el televisor admite los formatos de archivos de imagen y audio.

Los archivos del dispositivo USB se reproducen de forma entrecortada

- La capacidad de transferencia del dispositivo de almacenamiento USB puede limitar la velocidad de transferencia de datos al televisor, lo que da lugar a una reproducción deficiente.

Wi-Fi, Internet y Bluetooth

No se encuentra la red Wi-Fi o pierde calidad

- Los hornos microondas, los teléfonos DECT y otros dispositivos Wi-Fi 802.11b/g/n/ac cercanos pueden alterar la red inalámbrica.
- Asegúrese de que los firewalls de la red permitan al televisor acceder a la conexión inalámbrica.
- Si la red inalámbrica no funciona correctamente en su casa, pruebe con la instalación de la red con cable.

Internet no funciona

- Si la conexión al router es correcta, compruebe la conexión del router a Internet.

El PC y la conexión a Internet son lentos

- Consulte en el manual de usuario de su router inalámbrico el alcance en interiores, la velocidad de transferencia y otros factores de la calidad de la señal.
- Utilice una conexión a Internet de alta velocidad (banda ancha) para el router.

DHCP

- Si falla la conexión, compruebe que el ajuste de DHCP (Protocolo de configuración dinámica de host) del router está activado. DHCP siempre debería estar activado.

Pérdida de conexión Bluetooth

- Los lugares con gran actividad inalámbrica (apartamentos con muchos routers inalámbricos) pueden dificultar la conexión inalámbrica.

Red

No se encuentra la red Wi-Fi o pierde calidad

- Los hornos microondas, los teléfonos DECT y otros dispositivos Wi-Fi 802.11b/g/n/ac cercanos pueden alterar la red inalámbrica.
- Asegúrese de que los firewalls de la red permitan al televisor acceder a la conexión inalámbrica.
- Si la red inalámbrica no funciona correctamente en su casa, pruebe con la instalación de la red con cable.

Internet no funciona

- Si la conexión al router es correcta, compruebe la conexión del router a Internet.

El PC y la conexión a Internet son lentos

- Consulte en el manual de usuario de su router inalámbrico el alcance en interiores, la velocidad de transferencia y otros factores de la calidad de la señal.
- Utilice una conexión a Internet de alta velocidad (banda ancha) para el router.

DHCP

- Si falla la conexión, compruebe que el ajuste de DHCP (Protocolo de configuración dinámica de host) del router está activado. DHCP siempre debería estar activado.

13.2

Ayuda en línea

Nuestro servicio de asistencia en línea le permite resolver cualquier problema relacionado con su televisor Philips. Puede seleccionar el idioma e introducir el número de modelo del producto.

Visite www.philips.com/support.

En el sitio de asistencia encontrará el número de teléfono de su país para ponerse en contacto con nosotros, así como respuestas a las preguntas más frecuentes. En algunos países puede chatear con uno de nuestros colaboradores y preguntarle directamente, o enviar la pregunta por correo electrónico.

También puede descargar el manual en línea o actualizaciones para el software del televisor en el ordenador.

13.3

Asistencia y reparación

Si necesita asistencia o una reparación, puede llamar al servicio de atención al consumidor de su país. Nuestros ingenieros de servicio se encargarán de las reparaciones, si es necesario.

Encontrará el número de teléfono en la documentación impresa incluida con el televisor.

También puede visitar nuestro sitio web www.philips.com/TVsupport y seleccionar su país si lo necesita.

Número de serie y número de modelo del televisor

Es posible que se le solicite el número de modelo y el número de serie del televisor. Podrá encontrar dichos números en la etiqueta de la caja o en la etiqueta de identificación situada en la parte posterior o inferior del televisor.

⚠ Advertencia

No intente reparar el televisor por sí mismo, pues podría causar lesiones personales, daños irreparables en el televisor o la anulación de la garantía.

Información de precaución y seguridad

14.1

Seguridad

Importante

Asegúrese de leer y comprender todas las instrucciones de seguridad antes de utilizar el televisor. Si se producen daños debido al seguimiento incorrecto de las instrucciones, la garantía no tendrá validez.

No modifique nunca este equipo sin la autorización del fabricante.

Riesgo de descarga eléctrica o incendio

- Nunca exponga el televisor al agua o la lluvia ni coloque contenedores de líquidos, como jarrones, cerca de él.
- En caso de que algún líquido salpique el televisor, desconéctelo de la toma de corriente inmediatamente.
- Póngase en contacto con el servicio de atención al consumidor de Philips para que se compruebe el televisor antes de su uso.
- No exponga el televisor, el mando a distancia ni las pilas a un calor excesivo. No coloque estos objetos cerca de velas encendidas, llamas sin protección u otras fuentes de calor, incluida la luz solar directa.
- Nunca inserte objetos en las ranuras de ventilación u otras aberturas del televisor.
- No coloque objetos pesados sobre el cable de alimentación.
- Evite ejercer fuerza en los enchufes. Los enchufes sueltos pueden generar arcos voltaicos o un incendio. Asegúrese de que el cable de alimentación no esté tirante cuando gire la pantalla del televisor.
- Para desconectar el televisor de la corriente de alimentación, el conector de alimentación del dispositivo debe estar desconectado de la toma de corriente. Al desconectar el cable de alimentación, tire siempre de la clavija, nunca del cable. Asegúrese de poder acceder sin dificultad a la clavija de alimentación, al cable de alimentación y a la toma de corriente en todo momento.

Riesgo de lesiones personales o de daños al televisor

- Se necesitan dos personas para levantar y transportar un televisor que pesa más de 25 kilos.
 - Si monta el televisor en un soporte, utilice únicamente el soporte suministrado y ajústelo firmemente al televisor.
- Coloque el televisor sobre una superficie lisa y nivelada que aguante el peso del televisor y el soporte.
- Si va a montar el televisor en la pared, asegúrese de que el soporte de pared puede soportar de manera segura el peso del televisor. TP Vision no asume ninguna responsabilidad por el montaje inadecuado del televisor en la pared que provoque accidentes, lesiones o daños.
 - Algunas piezas de este producto están hechas de vidrio. Manéjelas con cuidado para evitar lesiones o daños.

Riesgo de daños del televisor

Antes de conectar el televisor a la toma de alimentación, asegúrese de que el voltaje de alimentación se corresponda con el valor impreso en la parte posterior del producto. No conecte nunca el televisor a la toma de alimentación si el voltaje es distinto.

Riesgo de lesiones en los niños

Siga estas precauciones para evitar que el televisor se caiga y provoque lesiones en los niños:

- Nunca coloque el televisor en una superficie cubierta con un paño u otro material del que se pueda tirar.
- Asegúrese de que ninguna parte del televisor sobresalga por el borde de la superficie de montaje.
- Nunca coloque el televisor en un mueble alto (como una estantería) sin fijar tanto el mueble como el televisor a la pared o a un soporte adecuado.
- Enseñe a los niños los peligros que conlleva subirse a un mueble para llegar al televisor.

Riesgo de ingestión de las pilas

El mando a distancia puede contener pilas de botón que los niños pequeños podrían tragar fácilmente. Mantenga estas pilas fuera del alcance de los niños en todo momento.

Riesgo de sobrecalentamiento

Nunca instale el producto en un espacio reducido. Deje siempre un espacio de al menos 10 cm en torno al televisor para permitir su ventilación. Asegúrese de que las ranuras de ventilación del televisor nunca estén cubiertas por cortinas u otros objetos.

Tormentas con aparato eléctrico

Desconecte el televisor de la toma de corriente y de la antena antes de una tormenta con aparato eléctrico.

Durante una tormenta con aparato eléctrico, no toque ninguna parte del televisor, el cable de alimentación o el cable de la antena.

Riesgo de daños auditivos

Procure no usar los auriculares o cascos con un volumen alto o durante un periodo de tiempo prolongado.

Bajas temperaturas

Si el televisor se transporta a temperaturas inferiores a los 5 °C, desembale el televisor y espere a que la temperatura del aparato alcance la temperatura ambiente antes de conectar el televisor a la toma de alimentación.

Humedad

En raras ocasiones, según la temperatura y la humedad, puede producirse una cierta condensación dentro del cristal frontal del televisor (en algunos modelos). Para evitarlo, no exponga el televisor a la luz solar directa, ni al calor y la humedad extremos. Si se produce condensación, esta desaparecerá espontáneamente después de unas horas de funcionamiento del televisor.

La condensación no dañará el televisor ni afectará a su funcionamiento.

14.2

Cuidado de la pantalla

- No toque, presione, frote ni golpee nunca la pantalla con ningún objeto.
- Desenchufe el televisor antes de limpiarlo.
- Limpie el televisor y el marco con un paño suave humedecido y frote suavemente. Nunca utilice

sustancias como alcohol, productos químicos o detergentes domésticos en el televisor.

- Para evitar deformaciones y desvanecimiento del color, limpie las gotas de agua lo antes posible.
- Evite las imágenes estáticas en la medida de lo posible. Las imágenes estáticas son las que permanecen en la pantalla durante mucho tiempo, por ejemplo, los menús de pantalla, las barras negras, las visualizaciones de la hora, etc. Si tiene que utilizar imágenes estáticas, reduzca el contraste y el brillo de la pantalla para evitar daños.

14.3

Radiation Exposure Statement

Este equipo cumple con los límites de exposición a la radiación CE establecidos para un entorno no controlado. Este equipo debe instalarse y utilizarse con una distancia mínima de 20 cm entre el radiador y el cuerpo. A continuación se indican la frecuencia, el modo y la potencia máxima transmitida en la UE :

- 2400-2483,5 MHz : < 20 dBm (EIRP)

- 5150-5250 MHz : < 23 dBm (EIRP)

- 5250-5350 MHz : < 23 dBm (EIRP)

- 5470-5725 MHz : < 27 dBm (EIRP) -

5725-5825 MHz: < 13,98 dBm (EIRP)

Condiciones de uso

15.1

Condiciones de uso del televisor

2019 © TP Vision Europe B.V. Todos los derechos reservados.

Este producto lo comercializa TP Vision Europe B. V. o una de sus filiales, en lo sucesivo, TP Vision, que es el fabricante del producto. TP Vision es el garante con respecto al televisor junto al que se suministra esta documentación. Philips y el emblema del escudo de Philips son marcas comerciales registradas de Koninklijke Philips N.V.

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La documentación incluida con el televisor y el manual almacenado en la memoria del televisor o disponible para su descarga en el sitio web de Philips www.philips.com/support se consideran adecuados para el uso previsto del sistema.

El material de este manual se considera adecuado para el uso previsto del sistema. Si el producto, o sus módulos o procedimientos individuales, se utilizan con fines distintos a los que aquí se especifican, deberá obtenerse la confirmación de su validez e idoneidad. TP Vision garantiza que el material no infringe ninguna patente de EE. UU. No existe ninguna otra garantía expresa ni implícita. TP Vision no se hace responsable de los posibles errores del contenido de este documento ni de los problemas que pudieran surgir de dicho contenido. Los errores de los que Philips reciba notificación se adaptarán y publicarán en el sitio web de asistencia de Philips con la mayor rapidez posible.

Términos de la garantía – ¡Riesgo de lesiones, daños al televisor o anulación de la garantía!

No intente reparar el televisor. Utilice el televisor y sus accesorios para el uso concebido por el fabricante. El signo de precaución impreso en la parte trasera del televisor indica riesgo de descarga eléctrica. No retire la carcasa del televisor. Póngase en contacto con el servicio de atención al cliente de Philips TV si necesita asistencia o una reparación. Encontrará el número de teléfono en la documentación impresa incluida con el televisor. También puede consultar nuestro sitio web www.philips.com/support y seleccionar su país si lo necesita. Cualquier operación

prohibida expresamente en este manual, así como cualquier procedimiento de ajuste y ensamblaje no recomendado o autorizado en el mismo, anulará la garantía.

Características de los píxeles

Este televisor tiene un elevado número de píxeles de color. Aunque el porcentaje de píxeles activos es del 99,999 % o más, pueden aparecer puntos negros o puntos brillantes de luz (rojos, verdes o azules) constantemente en la pantalla. Se trata de una propiedad estructural de la pantalla (dentro de los estándares comunes del sector) y no es un fallo de funcionamiento.

Conformidad CE

Por la presente, TP Vision Europe B.V. declara que este televisor cumple los requisitos esenciales y demás directrices relevantes de las directivas 2014/53/UE (equipos de radio), 2009/125/CE (diseño ecológico) y 2011/65/CE (sustancias peligrosas).

Conformidad con EMF

TP Vision fabrica y vende gran número de productos dirigidos a consumidores que, como todo aparato electrónico, en general tienen la capacidad de emitir y recibir señales electromagnéticas. Uno de los principios empresariales fundamentales de TP Vision consiste en adoptar todas las medidas de seguridad necesarias en nuestros productos, con el fin de cumplir la legislación aplicable y respetar ampliamente la normativa sobre campos electromagnéticos (EMF) pertinente en el momento de fabricación de los productos.

TP Vision se compromete a desarrollar, producir y comercializar productos que no provoquen efectos adversos en la salud. TP Vision confirma que, siempre que sus productos se utilicen de forma adecuada y con el fin para el que fueron creados, son seguros de acuerdo con las evidencias científicas disponibles en la actualidad. TP Vision desempeña un papel activo en el desarrollo de estándares de seguridad y EMF internacionales, lo que permite a TP Vision la anticipación a nuevos estándares y su temprana integración en sus productos.

Derechos de autor

16.1

MHL

MHL

MHL, Mobile High-Definition Link y el logotipo de MHL son marcas comerciales o marcas comerciales registradas de MHL, LLC.



16.2

HDMI

HDMI

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DTS-HD Premium Sound™

DTS-HD Premium Sound™

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16.5

Wi-Fi Alliance

Red, inalámbrica

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16.6

Kensington

Kensington

(Si procede)

Kensington y MicroSaver son marcas comerciales estadounidenses de ACCO World Corporation con registros ya emitidos y solicitudes pendientes en otros países de todo el mundo.



Otras marcas comerciales

El resto de las marcas comerciales registradas o no registradas son propiedad de sus respectivos propietarios.

Descargo de responsabilidad con respecto a los servicios y/o software ofrecidos por terceros

Los servicios y/o software ofrecidos por terceros podrían modificarse, suspenderse o terminarse sin previo aviso. TP Vision no asume ninguna responsabilidad en este tipo de situaciones.

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