

Manuale dell'utente

32HFL5114/12
43HFL5114/12
43HFL5114U/12
43HFL6114U/12
50HFL5114U/12
50HFL6114U/12
55HFL6114U/12
65HFL6114U/12
75HFL6114U/12

PHILIPS

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Panoramica TV

Professional mode

Operazioni effettuabili

In Professional mode ON, è possibile accedere a un gran numero di impostazioni avanzate che consentono il controllo avanzato dello stato del televisore o l'aggiunta di funzioni aggiuntive.

Questa modalità è destinata all'installazione di TV in luoghi come hotel, navi da crociera, stadi o qualsiasi altra area commerciale in cui sia richiesto tale controllo.

Se si utilizza il televisore in ambiente domestico, si consiglia di selezionare l'opzione Professional mode OFF.

Per ulteriori dettagli, consultare il manuale di installazione Professional.

Configurazione

2.1

Istruzioni di sicurezza

Leggere le istruzioni di sicurezza prima di utilizzare il TV.

2.2

Supporto TV e montaggio a parete

Supporto TV

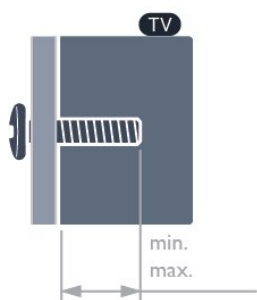
Le istruzioni di montaggio del supporto TV sono disponibili nella guida rapida fornita con il TV. In caso di smarrimento della guida, è possibile scaricarla dal sito Web www.philips.com.

Per cercare la **guida rapida** da scaricare, immettere il codice del TV.

Montaggio a parete

Il televisore è predisposto per il montaggio a parete secondo gli standard VESA con staffa (venduta a parte).

Utilizzare il seguente codice VESA per l'acquisto del supporto per il montaggio a parete. . .



- 43HFL6114U
VESA MIS-F 200x200, M6 (min.: 8 mm, max.:13 mm)
- 50HFL6114U
VESA MIS-F 300x200, M6 (min.: 8 mm, max.:14 mm)
- 55HFL6114U
VESA MIS-F 300x200, M6 (min.: 8 mm, max.:14 mm)
- 65HFL6114U
VESA MIS-F 400x200, M6 (min.: 11 mm, max.:14 mm)
- 75HFL6114U

VESA MIS-F 600x400, M8 (min.: 18 mm, max.:28 mm)

- 32HFL5114
VESA MIS-F 100x100, M6 (min.: 10 mm, max.:12 mm)
- 43HFL5114 / 43HFL5114U
VESA MIS-F 200x200, M6 (min.: 12 mm, max.:14 mm)
- 50HFL5114U
VESA MIS-F 200x200, M6 (min.: 12 mm, max.:14 mm)

Preparazione

Rimuovere prima i 4 cappucci a vite di plastica dai fori con boccole filettate sul retro del TV (solo per 5114 43").

Assicurarsi che le viti in metallo, per montare il TV sulla staffa conforme VESA, penetrino per circa 10 mm nei fori con boccole filettate sul retro del TV.

Attenzione

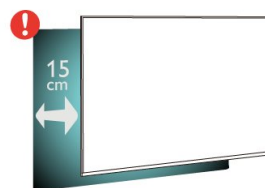
Il montaggio a parete del TV richiede competenze specifiche e deve essere eseguito esclusivamente da personale qualificato. Il montaggio a parete del TV deve rispettare gli standard di sicurezza in base al peso del TV. Prima di installare il TV, leggere le precauzioni per la sicurezza.

TP Vision Europe B.V. non si assume alcuna responsabilità per un montaggio errato o che provochi ferite o lesioni personali.

2.3

Suggerimenti sul posizionamento

- Collocare il TV in modo che la luce non si rifletta direttamente sullo schermo.
- La distanza ottimale per guardare il TV è pari a tre volte la dimensione diagonale dello schermo. Da seduti, gli occhi dovrebbero essere al livello del centro dello schermo.
- Quando è fissato alla parete, posizionare il TV a una distanza massima di 15 cm dalla parete.

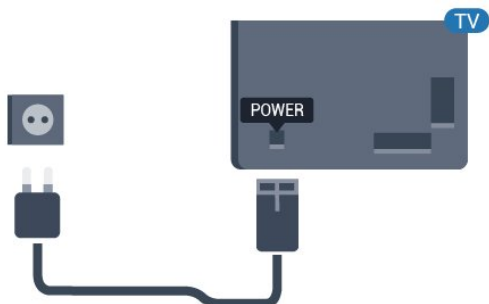


Nota:

Tenere il TV lontano da fonti di polvere come stufe. Si consiglia di rimuovere regolarmente la polvere per evitare che penetri nel TV.

Cavo di alimentazione

- Inserire il cavo di alimentazione nel connettore **POWER** sul retro del TV.
- Assicurarsi che il cavo di alimentazione sia inserito saldamente nel connettore.
- Assicurarsi che la presa di alimentazione a muro sia accessibile in qualsiasi momento.
- Scollegare sempre il cavo di alimentazione afferrando la spina e non il cavo.

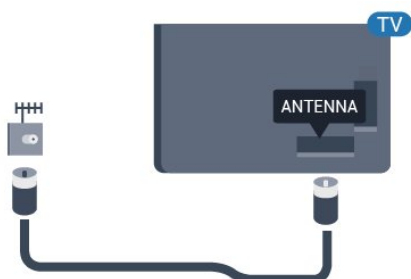


Cavo dell'antenna

Inserire saldamente la spina dell' antenna nella relativa presa sul retro del TV.

È possibile collegare la propria antenna oppure collegarsi a un segnale dell'antenna da un sistema di distribuzione dell'antenna. Utilizzare un cavo coassiale per antenna con connettore IEC (RF) da 75 Ohm.

Utilizzare questo collegamento per antenna per i segnali di ingresso DVB-T e DVB-C.

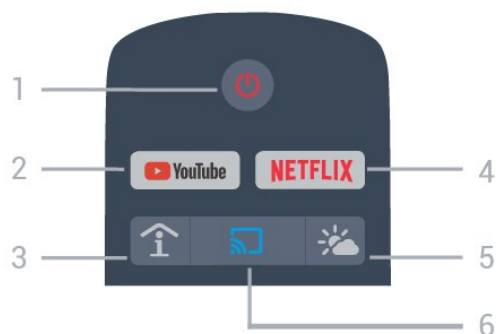


Telecomando

3.1

Panoramica dei tasti

Superiore



1 - Standby / On

Consente di accendere il TV o di attivare la modalità standby.

2 - Youtube

Per aprire Youtube.

3 - SMART INFO (solo con Professional mode ON)

Per mostrare le informazioni fornite dall'hotel.

4 - **NETFLIX**

Consente di aprire direttamente l'applicazione Netflix. (Con il TV acceso o dalla modalità standby.)

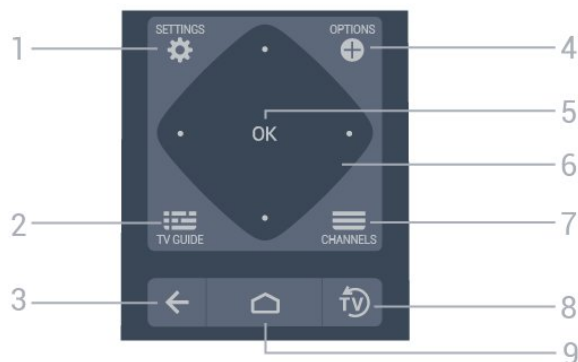
- Se si dispone di un abbonamento a Netflix, è possibile utilizzare Netflix sul TV. Il TV deve essere collegato a Internet.
- Per aprire Netflix, premere **NETFLIX** per aprire l'applicazione Netflix. È possibile aprire immediatamente Netflix da un TV in standby. www.netflix.com

5 - Meteo (sono con Professional mode ON) per visualizzare le previsioni del tempo nella propria località.

6 - Google Cast (solo con Professional mode ON)

Per eseguire il mirroring dei contenuti presenti sullo schermo del dispositivo mobile sul televisore.

Parte centrale



1 - SETTINGS

Consente di aprire il menu delle impostazioni.

2 - TV GUIDE

Per visualizzare un elenco dei programmi TV attuali e nel palinsesto.

3 - BACK

- Consente di tornare al canale precedentemente selezionato.
- Consente di tornare al menu precedente.

4 - OPZIONI

Per aprire o chiudere il menu delle opzioni.

5 - pulsante OK

Consente di confermare una selezione o un'impostazione.

6 - Pulsanti freccia/di navigazione

Per spostarsi in alto , in basso , a sinistra o a destra .

7 - Canali

Consente di passare al canale successivo o precedente nell'elenco canali.

8 - ESCI

Per tornare a guardare la TV.

9 - HOME

Consente di aprire il menu Home.

Inferiore



1 - Volume

Consente di regolare il livello del volume.

2 - Pulsanti colorati

Consentono di selezionare direttamente le opzioni.

3 - OROLOGIO

Per visualizzare l'orologio.

4 - Canale

Consente di passare al canale successivo o precedente nell'elenco canali.

5 - Disattivazione audio

Consente di disattivare o riattivare l'audio.

3.2

Sensore IR

Il TV può ricevere i comandi da un telecomando che utilizza raggi infrarossi (IR) per inviare i comandi. Se si utilizza un telecomando di questo tipo, accertarsi sempre di puntare il telecomando verso il sensore a infrarossi sul lato anteriore del TV.

Avviso

Non collocare alcun oggetto davanti al sensore IR del TV poiché si potrebbe bloccare il segnale IR.

3.3

Pulizia

Il telecomando è rivestito di una particolare vernice resistente ai graffi.

Per pulire il telecomando, utilizzare un panno morbido e umido. Evitare sostanze come alcol, prodotti chimici o detersivi per la pulizia della casa sul telecomando.

Accensione e spegnimento

4.1

Accensione o standby

Assicurarsi che il TV sia collegato all'alimentazione principale CA. Collegare il cavo di alimentazione in dotazione al connettore **AC IN** sul retro del TV. La spia nella parte inferiore del TV si accende.

Accensione

Premere  sul telecomando per accendere il TV. In alternativa, premere  /  Home. Per accendere il TV, è possibile anche premere il piccolo tasto joystick sul retro o sulla parte inferiore del TV, nel caso in cui il telecomando non sia reperibile o abbia le batterie scariche.

Passaggio alla modalità standby

Per attivare la modalità di standby sul TV, premere  sul telecomando. È possibile anche premere il piccolo tasto joystick sul retro o sulla parte inferiore del TV.

In modalità di standby, il TV è ancora collegato all'alimentazione principale ma consuma pochissima energia.

Per spegnere completamente il TV, scollegare la spina di alimentazione. Estrarre sempre il cavo di alimentazione afferrando la spina e non il cavo. Assicurarsi che la spina di alimentazione, il cavo e la presa elettrica siano sempre accessibili.

4.2

Tasti sul TV

Se il telecomando viene smarrito o le batterie sono scariche, è comunque possibile effettuare alcune operazioni di base sul TV.

Per aprire il menu di base...

- 1 - Con il TV acceso, premere il tasto joystick sul retro o sulla parte inferiore del TV per visualizzare il menu di base.
- 2 - Premere a sinistra o a destra per selezionare  Volume,  Canale o  Sorgenti.
- 3 - Premere le frecce verso l'alto o verso il basso per regolare il volume o sintonizzarsi sul canale successivo o precedente. Premere le frecce verso l'alto o verso il basso per scorrere l'elenco delle sorgenti, inclusa la sorgente sintonizzatore.
- 4 - Il menu scompare automaticamente.

Per attivare la modalità di standby sul TV, selezionare  e premere il tasto joystick sul retro o sulla parte inferiore del TV.

Specifiche

5.1

Informazioni ambientali

Scheda prodotto

43HFL6114U

- Classe di efficienza energetica: A
- Dimensioni schermo visibile: 108 cm/43"
- Consumo energetico quando acceso (W): 61 W
- Consumo energetico annuale (kWh) *: 90 kWh
- Consumo energetico in standby (W) **: 0,3 W
- Risoluzione display (pixel): 3840 x 2160p

50HFL6114U

- Classe di efficienza energetica: A+
- Dimensioni schermo visibile: 126 cm/50"
- Consumo energetico quando acceso (W): 68 W
- Consumo energetico annuale (kWh) *: 100 kWh
- Consumo energetico in standby (W) **: 0,3 W
- Risoluzione display (pixel): 3840 x 2160p

55HFL6114U

- Classe di efficienza energetica: A+
- Dimensioni schermo visibile: 139 cm/55"
- Consumo energetico quando acceso (W): 83 W
- Consumo energetico annuale (kWh) *: 122 kWh
- Consumo energetico in standby (W) **: 0,3 W
- Risoluzione display (pixel): 3840 x 2160p

65HFL6114U

- Classe di efficienza energetica: A+
- Dimensioni schermo visibile: 164 cm/65"
- Consumo energetico quando acceso (W): 104 W
- Consumo energetico annuale (kWh) *: 152 kWh
- Consumo energetico in standby (W) **: 0,3 W
- Risoluzione display (pixel): 3840 x 2160p

75HFL6114U

- Classe di efficienza energetica: A+
- Dimensioni schermo visibile: 189 cm/75"
- Consumo energetico quando acceso (W): 113 W
- Consumo energetico annuale (kWh) *: 165 kWh
- Consumo energetico in standby (W) **: 0,3 W
- Risoluzione display (pixel): 3840 x 2160p

32HFL5114

- Classe di efficienza energetica: A+
- Dimensioni schermo visibile: 80 cm/32"
- Consumo energetico quando acceso (W): 29 W
- Consumo energetico annuale (kWh) *: 43 kWh
- Consumo energetico in standby (W) **: 0,35 W
- Risoluzione display (pixel): 1920 x 1080p

43HFL5114

- Classe di efficienza energetica: A+
- Dimensioni schermo visibile: 108 cm/43"
- Consumo energetico quando acceso (W): 48 W

- Consumo energetico annuale (kWh) *: 71 kWh
- Consumo energetico in standby (W) **: 0,3 W
- Risoluzione display (pixel): 1920 x 1080p

43HFL5114U

- Classe di efficienza energetica: A
- Dimensioni schermo visibile: 108 cm/43"
- Consumo energetico quando acceso (W): 59 W
- Consumo energetico annuale (kWh) *: 87 kWh
- Consumo energetico in standby (W) **: 0,3 W
- Risoluzione display (pixel): 3840 x 2160p

50HFL5114U

- Classe di efficienza energetica: A+
- Dimensioni schermo visibile: 126 cm/50"
- Consumo energetico quando acceso (W): 70 W
- Consumo energetico annuale (kWh) *: 103 kWh
- Consumo energetico in standby (W) **: 0,3 W
- Risoluzione display (pixel): 3840 x 2160p

* Consumo energetico in kWh per anno, basato sul consumo energetico del TV in funzione 4 ore al giorno per 365 giorni. Il consumo energetico effettivo dipende da come viene utilizzato il TV.

** Quando il TV viene spento con il telecomando e non è attiva alcuna funzione.

Numero di registrazione EPREL

43HFL6114U: 341921

50HFL6114U: 341992

55HFL6114U: 342447

65HFL6114U: 342465

75HFL6114U: 355587

32HFL5114: 341818

43HFL5114: 341833

43HFL5114U: 341835

50HFL5114U: 341991

Smaltimento dei materiali

Smaltimento di prodotti e batterie obsolete

Il prodotto è stato progettato e assemblato con materiali e componenti di alta qualità che possono essere riciclati e riutilizzati.



Quando su un prodotto si trova il simbolo del bidone dei rifiuti con una croce, significa che tale prodotto è

soggetto alla Direttiva Europea 2012/19/EU.



Informarsi sulle modalità di raccolta dei prodotti elettrici ed elettronici in vigore nella zona in cui si desidera smaltire il prodotto.

Attenersi alle normative locali per lo smaltimento dei rifiuti e non gettare i vecchi prodotti con i normali rifiuti domestici. Il corretto smaltimento dei prodotti non più utilizzabili previene potenziali conseguenze negative per l'ambiente e per la popolazione.

Il prodotto funziona con batterie che rientrano nella direttiva europea 2006/66/EC e che non possono essere smaltite con i normali rifiuti domestici.



Informarsi sulle normative locali relative alla raccolta differenziata delle batterie: un corretto smaltimento consente di evitare conseguenze negative per l'ambiente e la salute.

5.2

Assorbimento

Le specifiche del prodotto sono soggette a modifica senza preavviso. Per ulteriori informazioni sulle specifiche di questo prodotto, visitare il sito Web www.philips.com/support

Assorbimento

- Alimentazione di rete: CA 220-240V +/-10%
- Temperatura ambiente: Da 5 °C a 35 °C
- Funzionalità di risparmio energetico: Modalità Eco, disattivazione delle immagini (per la radio), timer di spegnimento automatico, menu delle impostazioni Eco.

Per informazioni sul consumo energetico, vedere il capitolo **Scheda prodotto**.

5.3

Sistema operativo

Sistema operativo Android:

Android Pie 9

5.4

Ricezione

- Ingresso antenna: coassiale da 75 Ohm (IEC75)
- Bande del sintonizzatore: Hyperband, UHF, VHF
- DVB: DVB-T2, DVB-C (cavo) QAM
- Riproduzione video analogica: SECAM, PAL
- Riproduzione video digitale: MPEG2 SD/HD (ISO/IEC 13818-2); MPEG4 SD/HD (ISO/IEC 14496-10), HEVC*
- Riproduzione audio digitale (ISO/IEC 13818-3)
- Frequenza in ingresso: da 950 a 2150 MHz
- Livello in ingresso: da 25 a 65 dBm

* Solo per DVB-T2

5.5

Tipo schermo (6114U)

Dimensione diagonale dello schermo

- 108 cm/43"
- 126 cm/50"
- 139 cm/55"
- 164 cm/65"
- 189 cm/75"

Risoluzione display

- 3840 x 2160

5.6

Tipo schermo (5114/5114U)

Dimensione diagonale dello schermo

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

Risoluzione display

- 1920 x 1080 (5114)
- 3840 x 2160 (5114U)

5.7

Risoluzione video in ingresso (6114U)

Formati video

Risoluzione - Frequenza di aggiornamento

- 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

Formati per computer

Risoluzioni (tra gli altri valori)

- 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
- 3840 x 2160 – 60 Hz

5.8

Risoluzione video in ingresso (5114)

Formati video

Risoluzione – Frequenza di aggiornamento

- 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

Formati per computer

Risoluzioni (tra gli altri valori)

- 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

5.9

Risoluzione video in ingresso (5114U)

Formati video

Risoluzione – Frequenza di aggiornamento

- 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

Formati per computer

Risoluzioni (tra gli altri valori)

- 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
- 3840 x 2160 – 60 Hz

5.10

Connettività (6114U)

Parte laterale del TV

- Slot per interfaccia comune: CI+ CAM
- USB 1 – USB 3.0
- Cuffie: mini-jack stereo da 3,5 mm
- Ingresso HDMI 1 – ARC – Ultra HD

Base TV

Rete LAN: RJ45

Ingresso HDMI 2 – ARC – Ultra HD

Ingresso HDMI 3 – ARC – Ultra HD

Antenna (75 ohm)

USB 2 – USB 2.0

12 V CC in uscita

8 **Ω** Uscita audio

DATA (RJ-48)

5.11

Connettività (5114)

Parte laterale del TV

- Slot per interfaccia comune: CI+ CAM
- USB 1 – USB 3.0
- Cuffie: mini-jack stereo da 3,5 mm
- Ingresso HDMI 1 – ARC – FHD

Base TV

Rete LAN: RJ45

Ingresso HDMI 2 – ARC – FHD

Antenna (75 ohm)

USB 2 – USB 2.0

12 V CC in uscita

8 **Ω** Uscita audio

DATA (RJ-48)

Connettività (5114U)

Parte laterale del TV

- Slot per interfaccia comune: CI+ CAM
- USB 1 - USB 3.0
- Cuffie: mini-jack stereo da 3,5 mm
- Ingresso HDMI 1 - ARC - Ultra HD

Base TV

- Rete LAN: RJ45
- Ingresso HDMI 2 - ARC - Ultra HD
- Antenna (75 ohm)
- USB 2 - USB 2.0
- 12 V CC in uscita
- 8 Ω Uscita audio
- DATA (RJ-48)

Dimensioni e pesi (6114U)

43HFL6114U

- senza supporto TV:
Larghezza 963,98 mm - Altezza 569,28 mm - Profondità 74,5 mm - Peso $\pm$ 9,44 kg
- con supporto TV:
Larghezza 963,98 mm - Altezza 594,09 mm - Profondità 190,1 mm - Peso $\pm$ 11,48 kg

50HFL6114U

- senza supporto TV:
Larghezza 1119,8 mm - Altezza 650 mm - Profondità 77,7 mm - Peso $\pm$ 13,74 kg
- con supporto TV:
Larghezza 1119,8 mm - Altezza 681 mm - Profondità 240,1 mm - Peso $\pm$ 16,44 kg

55HFL6114U

- senza supporto TV:
Larghezza 1233,6 mm - Altezza 714 mm - Profondità 113,2 mm - Peso $\pm$ 16,5 kg
- con supporto TV:
Larghezza 1233,6 mm - Altezza 746,8 mm - Profondità 240 mm - Peso $\pm$ 19,05 kg

65HFL6114U

- senza supporto TV:
Larghezza 1459,28 mm - Altezza 849,84 mm - Profondità 86,4 mm - Peso $\pm$ 25,72 kg
- con supporto TV:
Larghezza 1459,28 mm - Altezza 872,5 mm - Profondità 267,11 mm - Peso $\pm$ 29,7 kg

75HFL6114U

- senza supporto TV:
Larghezza 1683,2 mm - Altezza 965,9 mm - Profondità 93,7 mm - Peso $\pm$ 33,5 kg
- con supporto TV:
Larghezza 1683,2 mm - Altezza 992,9 mm - Profondità 299,4 mm - Peso $\pm$ 34 kg

Dimensioni e pesi (5114/5114U)

32HFL5114

- senza supporto TV:
Larghezza 731,8 mm - Altezza 435,31 mm - Profondità 77,3 mm - Peso $\pm$ 4,61 kg
- con supporto TV:
Larghezza 731,8 mm - Altezza 494,14 mm - Profondità 179,31 mm - Peso $\pm$ 4,68 kg

43HFL5114

- senza supporto TV:
Larghezza 969,6 mm - Altezza 565,6 mm - Profondità 80,5 mm - Peso $\pm$ 7,19 kg
- con supporto TV:
Larghezza 969,6 mm - Altezza 624,2 mm - Profondità 194 mm - Peso $\pm$ 7,27 kg

43HFL5114U

- senza supporto TV:
Larghezza 972,81 mm - Altezza 567,85 mm - Profondità 80,5 mm - Peso $\pm$ 8,0 kg
- con supporto TV:
Larghezza 972,81 mm - Altezza 625,59 mm - Profondità 194,02 mm - Peso $\pm$ 8,08 kg

50HFL5114U

- senza supporto TV:
Larghezza 1127,64 mm - Altezza 655,31 mm - Profondità 89,62 mm - Peso $\pm$ 11,3 kg
- con supporto TV:
Larghezza 1127,64 mm - Altezza 711,95 mm - Profondità 214,5 mm - Peso $\pm$ 11,5 kg

Suono

- Potenza in uscita (RMS): 20W (32 pollici: 16 W)
- Dolby Audio
- DTS HD

Connetti dispositivi

6.1

Connetti dispositivi

Guida connettività

Collegare sempre un dispositivo al TV tramite la connessione che offre la migliore qualità possibile. Inoltre, per assicurare un buon trasferimento audio e video, utilizzare cavi di buona qualità.

Quando viene collegato un dispositivo, il TV ne riconosce immediatamente il tipo e assegna al dispositivo un nome tipo corretto. È possibile modificare il nome tipo, se necessario. Se per un dispositivo è stato impostato il nome tipo corretto, il TV passerà automaticamente alle impostazioni TV ideali quando si seleziona il dispositivo in questione nel menu Sorgenti.

Porta per antenna

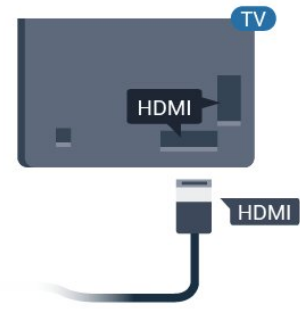
Se si dispone di un decoder (un ricevitore digitale) o di un registratore, collegare i cavi dell'antenna per far passare il segnale dell'antenna tramite il decoder e/o il registratore prima che raggiunga il televisore. In questo modo, l'antenna e il decoder possono inviare i possibili canali aggiuntivi al registratore per la registrazione.

Porte HDMI

Qualità HDMI

La connessione HDMI offre la migliore qualità delle immagini e del suono. Un cavo HDMI combina i segnali video e audio. Utilizzare un cavo HDMI per il segnale TV.

Per un trasferimento ottimale della qualità del segnale, utilizzare un cavo HDMI ad alta velocità e non più lungo di 5 m.



Protezione da copia

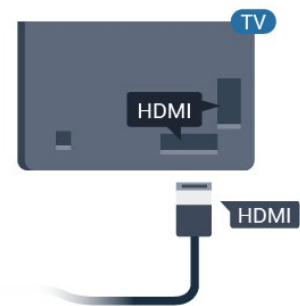
I cavi HDMI supportano la tecnologia HDCP (High-bandwidth Digital Content Protection). HDCP è un segnale di protezione da copia che impedisce la copia dei contenuti da un disco DVD o da un disco Blu-ray. Viene anche chiamato DRM (Digital Rights Management).

HDMI ARC

Tutte le connessioni HDMI sul TV dispongono del segnale **HDMI ARC** (Audio Return Channel).

Se anche il dispositivo, di solito un sistema Home Theater (HTS), dispone del collegamento HDMI ARC, usarlo per qualsiasi collegamento HDMI sul televisore. Con il collegamento HDMI ARC, non è necessario collegare il cavo audio aggiuntivo che invia l'audio dell'immagine TV al sistema HTS. Il collegamento HDMI ARC combina entrambi i segnali.

È possibile utilizzare qualsiasi collegamento HDMI sul televisore per collegare il sistema HTS, ma il segnale ARC è disponibile per 1 solo dispositivo/collegamento alla volta.



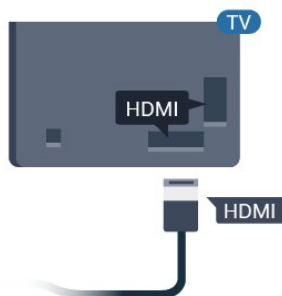
HDMI CEC - EasyLink

La connessione HDMI offre la migliore qualità delle immagini e del suono. Un cavo HDMI combina i segnali video e audio. Utilizzare un cavo HDMI per il segnale TV ad alta definizione (HD). Per un trasferimento ottimale della qualità del segnale, utilizzare un cavo HDMI ad alta velocità e non più

lungo di 5 m.

Collegare i dispositivi compatibili con HDMI-CEC al TV; in questo modo è possibile controllarli con il telecomando del TV.

EasyLink HDMI-CEC deve essere attivato sul TV e sul dispositivo collegato.



Nota:

- EasyLink potrebbe non funzionare con dispositivi di altre marche.
- La funzionalità HDMI CEC può avere nomi diversi a seconda delle marche. Alcuni esempi: Anynet, Aquos Link, Bravia Theatre Sync, Kuro Link, Simplink e Viera Link. Non tutte le marche sono interamente compatibili con EasyLink. I nomi di esempio delle marche per la funzionalità HDMI CEC appartengono ai rispettivi proprietari.

Attivazione o disattivazione di EasyLink

È possibile attivare o disattivare EasyLink. Il televisore viene fornito con le impostazioni EasyLink attivate.

Per disattivare completamente EasyLink...

Professional mode OFF – Premere / Home. Premere (in basso), selezionare **Impostazioni** e premere **OK**.

Selezionare **Sorgenti** > **EasyLink** e premere **OK**.

Selezionare **EasyLink** e premere **OK**.

Selezionare **Spento** e premere **OK**.

Premere **BACK**, ripetutamente se necessario, per chiudere il menu.

Professional mode ON – Fare riferimento al manuale di installazione.

Telecomando EasyLink

Se si desidera la comunicazione dei dispositivi ma non si desidera utilizzarli tramite il telecomando del televisore, è possibile disattivare il telecomando EasyLink separatamente.

Per attivare o disattivare il telecomando EasyLink...

Professional mode OFF – Premere / Home. Premere (verso il basso), selezionare **Impostazioni** e premere **OK**.

Selezionare **Sorgenti** > **EasyLink**, e premere **OK**.

Selezionare **Telecomando EasyLink** e premere **OK**.

Selezionare **On** od **Off** e premere **OK**.

Premere **BACK**, ripetutamente se necessario, per chiudere il menu.

Professional mode ON – Fare riferimento al manuale di installazione.

6.2

CAM con Smart Card - CI+

CI+

Questo televisore è predisposto per l'utilizzo del modulo CAM CI+.

Il modulo CI+ consente di guardare programmi premium HD, come film ed eventi sportivi, offerti dalle emittenti televisive digitali nel Paese di residenza dell'utente. Questi programmi sono criptati dall'emittente e vengono decriptati tramite un modulo CI+ prepagato.

Le emittenti televisive digitali forniscono un modulo CI+ (CAM, Conditional Access Module) e la relativa smart card insieme all'abbonamento ai loro programmi premium. Questi programmi dispongono di un alto livello di protezione da copia.

Per ulteriori informazioni sui termini e le condizioni, contattare l'emittente televisiva digitale.



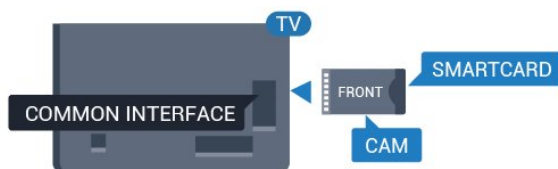
Smart Card

Le emittenti televisive digitali forniscono un modulo CI+ (CAM, Conditional Access Module) e la relativa smart card insieme all'abbonamento ai loro programmi premium.

Inserire la smart card nel modulo CAM. Consultare le istruzioni ricevute dall'emittente.

Per inserire il modulo CAM nel TV...

- 1 - Per il corretto metodo di inserzione, attenersi alle istruzioni del modulo CAM. L'inserzione non corretta potrebbe danneggiare il modulo CAM e il TV.
- 2 - Guardando il retro del TV, con la parte anteriore del modulo CAM rivolta verso di sé, inserire delicatamente il modulo CAM nello slot **COMMON INTERFACE**.
- 3 - Spingere a fondo il modulo CAM. Lasciarlo sempre all'interno dello slot.



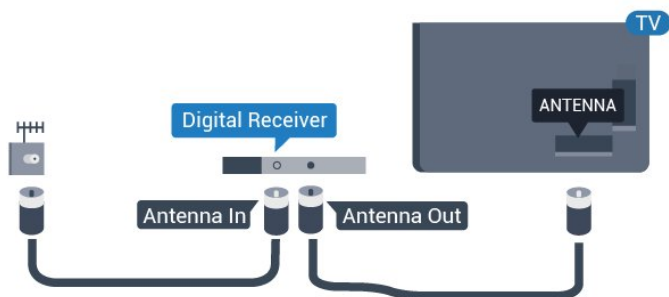
Quando si accende il TV, potrebbero essere necessari alcuni minuti prima che il modulo CAM venga attivato. Se viene inserito un modulo CAM e l'abbonamento è stato pagato (i metodi di connessione possono variare), è possibile guardare i canali criptati supportati dalla smart card CAM.

Il modulo CAM e la smart card sono esclusivi per il TV. Se si rimuove il modulo CAM, non sarà più possibile guardare i canali criptati supportati dal modulo CAM.

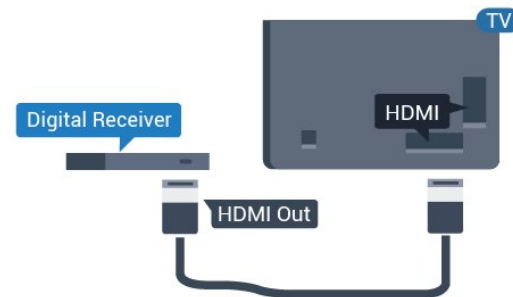
6.3

Ricevitore - Decoder

Per collegare l'antenna al decoder (un ricevitore digitale) o al televisore, utilizzare 2 cavi per antenna.



Accanto ai collegamenti dell'antenna, aggiungere un cavo HDMI per collegare il decoder al televisore.



6.4

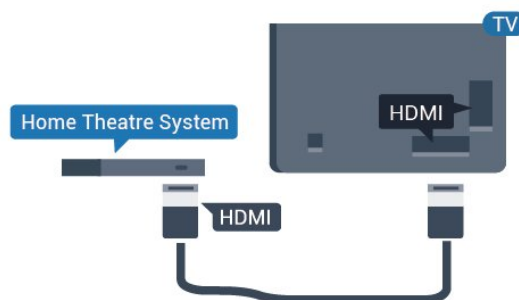
Sistema Home Theatre (HTS)

Collegamento con HDMI ARC

Utilizzare un cavo HDMI per collegare un sistema Home Theater (HTS) al televisore. È possibile collegare un sistema Philips Soundbar o HTS con un lettore disco integrato.

HDMI ARC

Se il sistema Home Theater in uso dispone di un collegamento HDMI ARC, è possibile utilizzare qualsiasi collegamento HDMI sul televisore per collegarlo. Con HDMI ARC, non è necessario collegare il cavo audio aggiuntivo. Il collegamento HDMI ARC combina entrambi i segnali. Tutti i collegamenti HDMI sul televisore possono offrire il segnale ARC (Audio Return Channel). Tuttavia, una volta collegato il sistema Home Theater, il televisore può inviare il segnale ARC solo a questo collegamento HDMI.



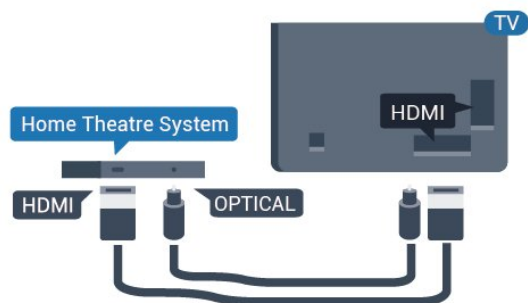
Sincronizzazione audio-video (sincronizzazione)

Se l'audio non è sincronizzato con le immagini sullo schermo, è possibile impostare un tempo di ritardo sulla maggior parte dei sistemi Home Theater con lettore disco in modo da far corrispondere l'audio alle immagini.

Collegamento con HDMI

Utilizzare un cavo HDMI per collegare un sistema Home Theater (HTS) al televisore. È possibile collegare un sistema Philips Soundbar o HTS con un lettore disco integrato.

Se il sistema Home Theater non dispone del collegamento HDMI ARC, aggiungere un cavo audio ottico (Toslink) per inviare l'audio delle immagini televisive al sistema Home Theater.



Sincronizzazione audio-video (sincronizzazione)

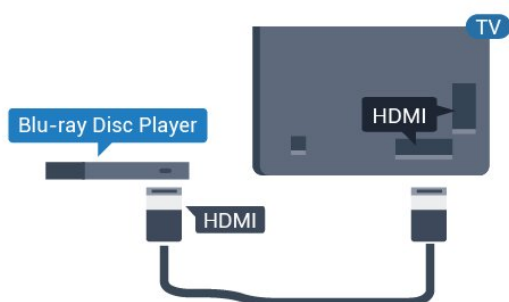
Se l'audio non è sincronizzato con le immagini sullo schermo, è possibile impostare un tempo di ritardo sulla maggior parte dei sistemi Home Theater con lettore disco in modo da far corrispondere l'audio alle immagini.

*Non tutti i televisori supportano la funzione ottica (Toslink).

6.5

Lettore dischi Blu-ray

Utilizzare un cavo HDMI ad alta velocità per collegare il lettore dischi Blu-ray Disc al TV.

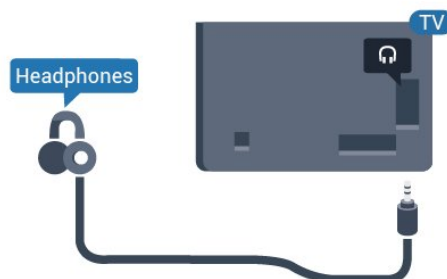


Se il lettore dischi Blu-ray dispone di EasyLink HDMI CEC, è possibile utilizzare il lettore con il telecomando del televisore.

6.6

Cuffie

È possibile collegare le cuffie alla connessione  sul retro del TV. La connessione è del tipo mini-jack da 3,5 mm. È inoltre possibile regolare il volume delle cuffie separatamente.

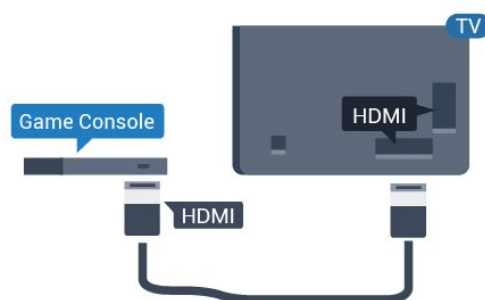


6.7

Console di gioco

HDMI

Per una qualità ottimale, utilizzare un cavo HDMI ad alta velocità per collegare la console di gioco al televisore.



6.8

Unità flash USB

È possibile visualizzare foto o riprodurre musica e video da un'unità flash USB.

Inserire un'unità flash USB in una dei collegamenti USB del TV mentre il TV è acceso.



Il televisore rileva l'unità flash e apre un elenco che ne visualizza il contenuto.

Se l'elenco dei contenuti non viene visualizzato

automaticamente...

Professional mode

OFF – Premere  /  Home

, selezionare 

Applicazioni, selezionare  Sorgenti. Selezionare USB e premere OK.

Professional mode On – Premere  /  Home,

selezionare Canali TV 

, selezionare  SOURCES . Selezionare USB e premere OK.

Per interrompere la visualizzazione dei contenuti dell'unità flash USB, premere  o selezionare un'altra attività.

Per scollegare l'unità flash USB, è possibile estrarre l'unità flash in qualsiasi momento.

Selezionare Immagine e premere  (destra) per accedere al menu. Selezionare Stile immagine > Computer e premere OK.

Selezionare On oppure Off e premere OK.

Premere  ripetutamente, se necessario, per chiudere il menu.

Professional mode

ON – Premere  /  Home > ...

Più >  Impostazioni >  Immagine. Premere OK.

Selezionare Stile immagine > Computer e premere OK.

Selezionare On oppure Off e premere OK.

Premere  ripetutamente, se necessario, per chiudere il menu.

(Per informazioni sulla modalità professionale consultare il manuale di installazione)

6.9

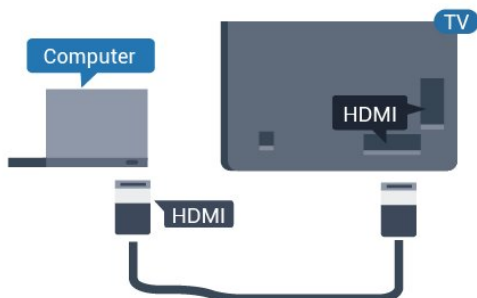
Computer

Collega

È possibile collegare il computer al televisore e utilizzarlo come monitor del computer.

Tramite HDMI

Utilizzare un cavo HDMI per collegare il computer al televisore.



Impostazione ideale

Se si collega un computer, si consiglia di assegnare alla connessione, tramite la quale è stato collegato il computer, il nome del tipo di dispositivo corretto nel menu Sorgente. Se si passa a Computer nel menu Sorgente, sul televisore viene selezionata automaticamente l'impostazione ideale Computer.

Per configurare l'impostazione ottimale del televisore...

Professional mode OFF – Premere  /  Home.

Premere , (verso il basso),

selezionare Impostazioni e premere OK.

Video, foto e musica

7.1

Da un collegamento USB

È possibile visualizzare foto o riprodurre musica e video da un'unità flash USB o un hard disk USB collegato.

Con il TV acceso, collegare un'unità flash USB o un hard disk USB ai connettori USB. Il televisore rileva il dispositivo ed elenca i file multimediali.

Se l'elenco dei file non viene visualizzato automaticamente...

- 1 - Premere **≡** CANALI, selezionare **📺** Sorgenti.
- 2 - Selezionare **📺** Supporti digitali e premere **OK**.
- 3 - È possibile scorrere i file nella struttura della cartella organizzata sull'unità.
- 4 - Per interrompere la riproduzione di video, foto e musica, premere **📺**.

7.2

Riproduzione dei video personali

Riproduzione di video

Apertura della cartella dei video

- 1 - Premere **≡** CANALI, selezionare **📺** Sorgenti.
- 2 - Selezionare **📺** Supporti digitali , selezionare **📺** Video e premere **OK**.

Per tornare alla cartella, premere **←**

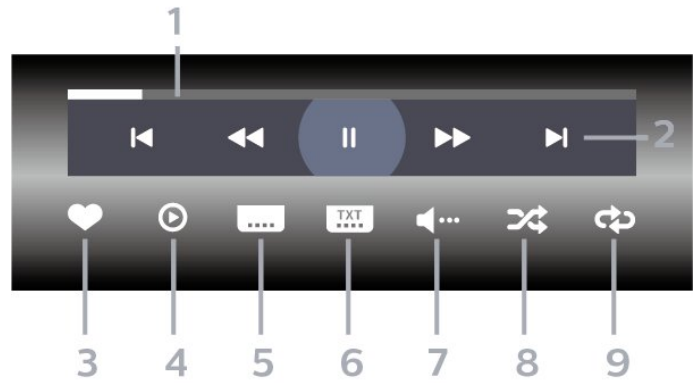
Riproduzione di un video

- 1 - Premere **≡** CANALI, selezionare **📺** Sorgenti.
- 2 - Selezionare **📺** Supporti digitali , selezionare **📺** Video e premere **OK**.
- 3 - Dopo aver selezionato uno dei video, è possibile premere **🔴** Riproduci tutti per riprodurre tutti i file nella cartella o premere **🟢** Contrassegna come preferito per aggiungere il video selezionato al menu **♥** Preferiti.

Per mettere in pausa il video, premere **OK**. Premere di nuovo **OK** per continuare.

Barra di controllo

Per visualizzare o nascondere la barra di controllo durante la riproduzione di un video, premere **OK**.



1 - Barra di avanzamento

2 - Barra di controllo della riproduzione

◀ : consente di passare al video precedente in una cartella

▶ : consente di passare al video successivo in una cartella

◀◀ : riavvolgimento

▶▶ : avanzamento veloce

⏸ : consente di interrompere la riproduzione

3 - Contrassegna come preferito

4 - Consente di riprodurre tutti i video

5 - Sottotitoli: consente di attivare o disattivare i sottotitoli oppure di attivare i sottotitoli con l'audio disattivato.

6 - Lingua sottotitoli: consente di selezionare una Lingua sottotitoli (non disponibile con Professional mode ON.)

7 - Lingua audio: consente di selezionare la lingua dell'audio

8 - Casuale: consente di riprodurre i file in modalità casuale

9 - Ripeti: consente di riprodurre tutti i video nella cartella una volta o continuamente

Opzioni video

Durante la riproduzione del video, premere **⊕** OPTIONS, selezionare Info e premere **OK** per...

• **Contrassegna come preferito** – Impostazione del video selezionato come preferito.

• **Riproduci tutti** – Riproduzione di tutti i file video nella cartella.

• **Sottotitoli** – Se disponibili, è possibile selezionare le opzioni dei sottotitoli **On**, **Off** o **Acceso con audio disattivato**.

• **Lingua audio** – Se disponibile, è possibile selezionare una lingua per l'audio.

• **Casuale** – Riproduzione dei file in modalità casuale.

• **Ripeti** – Riproduzione di tutti i video nella cartella una volta o continuamente.

Visualizzazione delle foto personali

Visualizzazione di foto

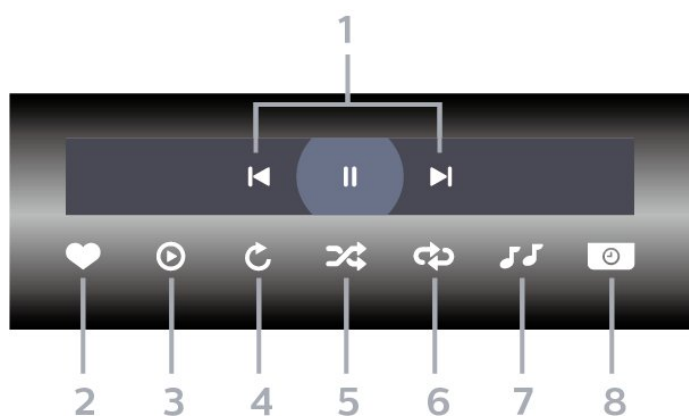
Apertura della cartella delle foto

- 1 - Premere CANALI, selezionare Sorgenti.
- 2 - Selezionare Supporti digitali, selezionare Foto e premere **OK**.

Visualizzazione di una foto

- 1 - Premere CANALI, selezionare Sorgenti.
- 2 - Selezionare Supporti digitali, selezionare Foto e premere **OK**.
- 3 - Dopo aver selezionato Foto e scelto una delle foto, è possibile premere **Presentazione** per riprodurre tutti i file nella cartella o premere **Contrassegna come preferito** per aggiungere la foto selezionata al menu - **Preferiti**.

Barra di controllo



- 1 - Barra di controllo della riproduzione
 - : consente di passare alla foto precedente in una cartella
 - : consente di passare alla foto successiva in una cartella
 - : consente di interrompere la presentazione
- 2 - Contrassegna come preferito
- 3 - Avvia una presentazione
- 4 - Consente di ruotare una foto
- 5 - Casuale: consente di riprodurre i file in modalità casuale
- 6 - Ripeti: consente di riprodurre tutte le foto nella cartella una volta o continuamente
- 7 - Consente di interrompere la riproduzione di musica in background (non disponibile con Professional mode ON)
- 8 - Consente di impostare la velocità della

Opzioni per le foto

Durante la riproduzione del video, premere **OPTIONS**, selezionare **Info** e premere **OK** per...

- Contrassegna come preferito
- Avvia una presentazione
- Consente di ruotare una foto
- Casuale: consente di riprodurre i file in modalità casuale
- Ripeti: consente di riprodurre tutte le foto nella cartella una volta o continuamente
- Consente di interrompere la riproduzione di musica in background (non disponibile con Professional mode ON)
- Consente di impostare la velocità della presentazione

Riproduzione dei brani musicali personali

Riproduzione dei brani musicali

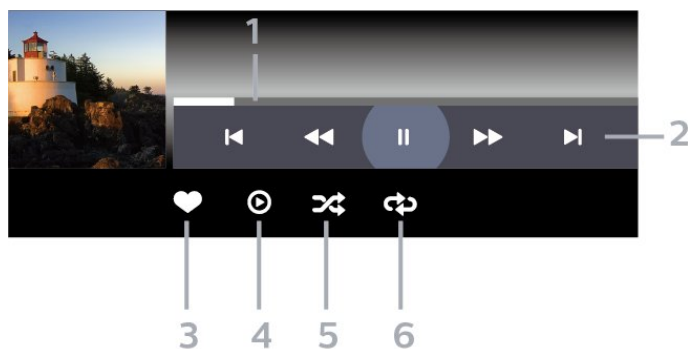
Apertura della cartella Musica

- 1 - Premere CANALI, selezionare Sorgenti.
- 2 - Selezionare Supporti digitali, selezionare Musica e premere **OK**.

Riproduzione di brani musicali

- 1 - Premere CANALI, selezionare Sorgenti.
- 2 - Selezionare Supporti digitali, selezionare Musica e premere **OK**.
- 3 - Dopo avere selezionato **Contrassegna come preferito** per aggiungere la cartella dei brani musicali al menu - **Preferiti**.
- 4 - È possibile trovare rapidamente un brano musicale utilizzando la classificazione **Generi**, **Artisti**, **Album**, **Brani**.

Barra di controllo



1 - Barra di avanzamento

2 - Barra di controllo della riproduzione

- ◀◀ : consente di passare alla canzone precedente in una cartella

- ▶▶ : consente di passare alla canzone successiva in una cartella

◀◀ : riavvolgimento

▶▶ : avanzamento veloce

|| : consente di interrompere la riproduzione

3 - Contrassegna come preferito

4 - Consente di riprodurre tutta la musica

5 - Casuale: consente di riprodurre i file in modalità casuale

6 - Ripeti: consente di riprodurre tutta la musica nella cartella una volta o continuamente

Opzioni per la musica

Durante la riproduzione della musica, premere **+** **OPTIONS**, selezionare **Info** e premere **OK** per...

• Contrassegna come preferito

• Consente di riprodurre tutta la musica

• Casuale: consente di riprodurre i file in modalità casuale

• Ripeti: consente di riprodurre tutta la musica nella cartella una volta o continuamente

Guida TV

8.1

Utilizzo della guida TV

Apertura della guida TV

Per aprire la guida TV, premere  TV GUIDE . La guida TV mostra i canali del sintonizzatore selezionato.

Premere di nuovo  TV GUIDE per chiudere.

La prima volta che si apre la guida TV, il TV scorre tutti i canali televisivi alla ricerca delle informazioni sui programmi. Questa procedura potrebbe richiedere alcuni minuti. I dati della guida TV vengono memorizzati sul televisore.

Giochi

9.1

Riproduzione di un gioco

Da una console di gioco

Per avviare un gioco da una console di gioco...

Accendere la console di gioco.

Professional mode OFF – Premere  /  Home, selezionare  App. Scegliere Sorgenti e premere OK.

Avviare il gioco.

Premere ripetutamente  BACK oppure premere  EXIT o ancora interrompere l'applicazione con il pulsante dedicato Esci/Stop.

Per ulteriori informazioni sul collegamento di una console di gioco, in Guida, premere il tasto colorato  Parole chiave e cercare Console di gioco, collegamento.

Professional mode ON – Premere  SOURCES e selezionare una console di gioco o il nome della connessione.

Avviare il gioco.

Premere ripetutamente  BACK oppure premere  EXIT o ancora interrompere l'applicazione con il pulsante dedicato Esci/Stop.

Per ulteriori informazioni sul collegamento di una console di gioco, in Guida, premere il tasto colorato  Parole chiave e cercare Console di gioco, collegamento.

Da applicazioni

Per avviare un gioco da un'applicazione di giochi...

Professional mode Off – Premere  /  Home, selezionare  App, quindi selezionare Google Play Games.

Registra l'account Google personale e avvia un gioco.

Premere ripetutamente  BACK oppure premere  EXIT o ancora interrompere l'applicazione con il pulsante dedicato Esci/Stop.

Professional mode ON – Premere  /  Home. Selezionare  Giochi.

Registra l'account Google personale e avvia un gioco.

Premere ripetutamente  BACK oppure

premere  EXIT o ancora interrompere l'applicazione con il pulsante dedicato Esci/Stop.

Applicazione Professional Menu

10.1

Informazioni sull'applicazione Professional Menu

Dall'applicazione Professional Menu, è possibile avviare tutte le attività possibili relative al televisore.

La parte sinistra dell'applicazione Professional Menu è organizzata in righe...

- Consigliato 
- Canali TV 
- Cast 
- Applicazioni 
- Giochi 
- Più 

La parte superiore destra dell'applicazione Professional Menu è organizzata in righe...

- Gestisci account
- Messaggi  (Questa è una funzione opzionale che dipende dalle impostazioni interne dell'hotel.)
- Conto  (Questa è una funzione opzionale che dipende dalle impostazioni interne dell'hotel.)
- Imposta sveglia 
- Meteo 
- Lingua menu 
- Ora corrente

10.2

Apertura dell'applicazione Professional Menu

Professional mode OFF - Fare riferimento al capitolo "Schermata home Android TV".

Professional mode ON - Consente di aprire l'applicazione Professional Menu e aprire un elemento...

- 1 - Aprire l'applicazione Professional Menu premendo Home  / .
- 2 - Selezionare un'attività utilizzando i pulsanti freccia e premere OK per iniziare l'attività.
- 3 - Per chiudere l'applicazione Professional Menu senza modificare l'attività corrente, premere .



All'apertura dell'applicazione Professional Menu, l'applicazione in esecuzione in background/riproduzione dei contenuti sarà interrotta. È necessario selezionare l'applicazione o i contenuti dall'applicazione menu Professional per riprendere.

10.3

Consigliato

Per aprire l'applicazione Professional Menu e aprire Consigliato...

- 1 - Aprire l'applicazione Professional Menu.
- 2 - Selezionare **Consigliato**  e premere OK per aprirla o avviarla.
- 3 - Selezionare  Canali TV consigliati. Scegliere un canale e premere OK.
- 4 - Selezionare  Applicazioni. Selezionare un'applicazione dall'elenco e premere OK.

10.4

Canali TV

Elenchi di canali

Info sugli elenchi di canali

Dopo l'installazione di un canale, tutti i canali vengono visualizzati nell'elenco dei canali. I canali vengono mostrati con il loro nome e logo se tali informazioni sono disponibili.

Con un elenco di canali selezionato, premere la freccia  (su) o  (giù) per selezionare un canale, quindi premere OK per guardare il canale selezionato. È possibile sintonizzarsi solo sui canali inclusi in tale elenco utilizzando il tasto  + o .

Stazioni radio

Se sono disponibili trasmissioni digitali, le stazioni radio digitali vengono sintonizzate durante l'installazione. Selezionare un canale radio esattamente come per un canale TV.

Apertura di un elenco di canali

Per aprire l'elenco dei canali corrente...

1. Premere **TV**, per passare a TV.
2. Premere **≡** CANALI per aprire l'elenco canali corrente. Selezionare **≡** Tutti i canali per visualizzare sia i canali TV sia i canali radio. Selezionare **TV** per visualizzare solo i canali TV. Selezionare **➡** per visualizzare solo i canali radio.
3. Premere nuovamente **≡** CANALI per chiudere l'elenco canali.

Visione dei canali

Sintonizzarsi su un canale

Per guardare i canali TV, premere **TV**. Il televisore si sintonizza sull'ultimo canale guardato.

Cambio del canale

- Per cambiare canale, premere **≡ + o ≡ -**.

Canale precedente

- Per tornare al canale sintonizzato in precedenza, premere **← BACK**.

Elenco canali

Mentre si sta guardando un canale TV, premere **≡** per aprire le liste canali.

Opzioni per i canali

Apertura delle opzioni

Durante la visione di un canale, è possibile impostare alcune opzioni.

In base al tipo di canale che si sta guardando (analogico o digitale) o alle impostazioni TV eseguite, sono disponibili alcune opzioni.

Per aprire il menu delle opzioni...

- 1 - Mentre si sta guardando un canale, premere **⊕ OPTIONS**.
- 2 - Premere di nuovo **⊕ OPTIONS** per chiudere.

10.5

Canali TV

Elenchi di canali

Info sugli elenchi di canali

Dopo l'installazione di un canale, tutti i canali vengono visualizzati nell'elenco dei canali. I canali vengono mostrati con il loro nome e logo se tali informazioni sono disponibili.

Con un elenco di canali selezionato, premere la freccia **▲** (su) o **▼** (giù) per selezionare un canale, quindi premere **OK** per guardare il canale selezionato. È possibile sintonizzarsi solo sui canali inclusi in tale elenco utilizzando il tasto **≡ + o ≡ -**.

Stazioni radio

Se sono disponibili trasmissioni digitali, le stazioni radio digitali vengono sintonizzate durante l'installazione. Selezionare un canale radio esattamente come per un canale TV.

Apertura di un elenco di canali

Per aprire l'elenco dei canali corrente...

1. Premere **TV**, per passare a TV.
2. Premere **≡** CANALI per aprire l'elenco canali corrente. Selezionare **≡** Tutti i canali per visualizzare sia i canali TV sia i canali radio. Selezionare **TV** per visualizzare solo i canali TV. Selezionare **➡** per visualizzare solo i canali radio.
3. Premere nuovamente **≡** CANALI per chiudere l'elenco canali.

Visione dei canali

Sintonizzarsi su un canale

Per guardare i canali TV, premere **TV**. Il televisore si sintonizza sull'ultimo canale guardato.

Cambio del canale

- Per cambiare canale, premere **≡ + o ≡ -**.

Canale precedente

- Per tornare al canale sintonizzato in precedenza, premere **← BACK**.

Elenco canali

Mentre si sta guardando un canale TV, premere **≡** per aprire le liste canali.

Opzioni per i canali

Apertura delle opzioni

Durante la visione di un canale, è possibile impostare alcune opzioni.

In base al tipo di canale che si sta guardando (analogico o digitale) o alle impostazioni TV eseguite, sono disponibili alcune opzioni.

Per aprire il menu delle opzioni...

- 1 - Mentre si sta guardando un canale, premere **➕** **OPTIONS**.
- 2 - Premere di nuovo **➕** **OPTIONS** per chiudere.

10.6

Google Cast

Cosa serve?

Se un'applicazione sul dispositivo mobile dispone di Google Cast, è possibile proiettare l'applicazione sul TV. Nell'applicazione mobile, cercare l'icona di Google Cast. È possibile utilizzare il dispositivo mobile per controllare ciò che viene proiettato sul TV. Google Cast funziona su Android e iOS.

Il dispositivo mobile deve essere collegato alla stessa rete domestica Wi-Fi del TV.

Applicazioni con Google Cast

Ogni giorno, vengono rese disponibili nuove applicazioni Google Cast. È già possibile provarle con YouTube, Chrome, Netflix, Photowall... o Big Web Quiz for Chromecast. Vedere anche google.com/cast

Alcuni prodotti e funzioni di Google Play non sono disponibili in tutti i Paesi.

Ulteriori informazioni

su support.google.com/androidtv

Proiezione sul TV

Per proiettare un'applicazione sullo schermo del TV...

Apertura dell'applicazione Professional Menu e aprire Cast...

- 1 - Aprire l'applicazione Professional Menu.
- 2 - Selezionare **Cast**  e premere **OK** per aprirla o avviarla.
- 3 - Connettere lo smartphone alla TV utilizzando Wi-Fi Direct (eseguire la scansione del codice QR o utilizzare l'SSID WiFi e la password). Aprire un'applicazione che supporta Google Cast.
- 4 - Individuare l'icona di Google Cast.
- 5 - Selezionare il TV su cui si desidera effettuare la

proiezione.

6 - Premere Riproduci sullo smartphone o sul tablet. Sul TV, dovrebbe venire avviata la riproduzione dei contenuti selezionati.

10.7

Giochi

Per aprire l'applicazione Professional Menu e Giochi...

1 - Premere  /  Home per aprire l'applicazione Professional Menu.

2 - Selezionare **Giochi**  e premere **OK**.

Impostazione di gioco ideale

Per alcuni giochi che richiedono velocità e precisione, impostare il televisore sull'impostazione **Gioco** ideale prima di iniziare a giocare.

Se la console di gioco viene aggiunta come tipo di dispositivo **Gioco** nel menu Sorgenti (elenco dei collegamenti), il televisore viene impostato automaticamente sull'opzione di gioco.

Se il tipo di console di gioco in uso viene impostato come **Lettore** e utilizzato nella maggior parte dei casi come lettore di dischi, lasciare impostato il tipo di dispositivo su **Lettore**.

Per impostare manualmente il televisore sull'opzione ideale. . .

1 - Selezionare  /  Home > **•••** Più >  Impostazioni >  Immagine > Stile immagine.

2 - Selezionare **Gioco** e premere **OK**.

3 - Premere ripetutamente **←**, se necessario, per chiudere il menu. Ricordarsi di reimpostare l'opzione **Gioco** o computer su Off quando si smette di giocare.

10.8

Più

Apertura dell'applicazione Professional Menu e apertura di Più...

1 - Aprire l'applicazione Professional Menu.

2 - Selezionare **•••** Più e premere **OK** per aprirla o avviarla.

3 - Selezionare  Impostazioni.

• Immagine  :

Alternare l'uso degli stili immagine preimpostati. Sono disponibili stili ottimizzati per la visione di film o foto, ecc.

• Suono  :

Alternare l'uso degli stili audio preimpostati. Sono disponibili stili ottimizzati per guardare film, ascoltare

musica o giocare.

- Formato immagine  :

Selezionare un formato immagine adatto allo schermo.

- Lingua menu  :

Selezionare la lingua e premere OK.

4 - Selezionare  Caratteristiche, e premere OK.

- Imposta sveglia  :

consente di impostare una sveglia sul televisore. Il TV può attivarsi in un orario della sveglia definito. In alternativa, l'ora della sveglia può essere impostata premendo il pulsante  sul telecomando.

- Sleep Timer  :

La barra di scorrimento consente di impostare il tempo massimo fino a 180 minuti in incrementi di 5 minuti. Se l'impostazione è su 0 minuti, la funzione Sleep timer viene disattivata. È comunque possibile spegnere il televisore prima o reimpostare il tempo durante il conto alla rovescia.

- Meteo  :

Visualizza la temperatura osservata, contiene 5 giorni di previsioni meteo per la località attuale. In alternativa, l'ora della sveglia può essere impostata premendo il pulsante  sul telecomando.

5 - Selezionare Personale  e premere OK.

- Conto  : consente agli ospiti dell'hotel di visualizzare il conto dell'hotel durante il soggiorno. (Solo in Professional mode ON.)

- Messaggi  :

Gli ospiti ricevono una notifica quando al TV arriva un nuovo messaggio da parte dell'hotel. (Solo in Professional mode ON.)

- Visualizzazione messaggio  :

Cambia il modo in cui vengono visualizzate le notifiche dei messaggi. (Solo in Professional mode ON.)

- Gestisci account  :

Durante l'accesso all'account Google utilizzando il telefono o il computer portatile, assicurarsi che il telefono o il laptop sia connesso alla stessa rete del TV, quindi immettere il codice visualizzato sul TV per completare la procedura di registrazione. L'ospite può anche utilizzare l'indirizzo e-mail e la password dell'account Google per registrarsi.

- Cancella la cronologia  :

Cancella credenziali personali da tutte le applicazioni (eliminate automaticamente dopo il check-out, solo in Professional mode ON.)

10.9

Più

Apertura dell'applicazione Professional Menu e apertura di Più...

1 - Aprire l'applicazione Professional Menu.

2 - Selezionare  Più e premere  OK per aprirla o

avviarla.

3 - Selezionare  Impostazioni.

- Immagine  :

Alternare l'uso degli stili immagine preimpostati. Sono disponibili stili ottimizzati per la visione di film o foto, ecc.

- Suono  :

Alternare l'uso degli stili audio preimpostati. Sono disponibili stili ottimizzati per guardare film, ascoltare musica o giocare.

- Formato immagine  :

Selezionare un formato immagine adatto allo schermo.

- Lingua menu  :

Selezionare la lingua e premere OK.

4 - Selezionare  Caratteristiche, e premere OK.

- Imposta sveglia  :

consente di impostare una sveglia sul televisore. Il TV può attivarsi in un orario della sveglia definito. In alternativa, l'ora della sveglia può essere impostata premendo il pulsante  sul telecomando.

- Sleep Timer  :

La barra di scorrimento consente di impostare il tempo massimo fino a 180 minuti in incrementi di 5 minuti. Se l'impostazione è su 0 minuti, la funzione Sleep timer viene disattivata. È comunque possibile spegnere il televisore prima o reimpostare il tempo durante il conto alla rovescia.

- Meteo  :

Visualizza la temperatura osservata, contiene 5 giorni di previsioni meteo per la località attuale. In alternativa, l'ora della sveglia può essere impostata premendo il pulsante  sul telecomando.

- Guida TV:

Impostare il televisore per la ricezione dei dati della guida TV dall'emittente o da Internet.

- TalkBack  :

TalkBack consente agli utenti con difficoltà visive di utilizzare il TV attraverso una guida vocale che descrive cosa c'è sullo schermo.

5 - Selezionare Personale  e premere OK.

- Conto  : consente agli ospiti dell'hotel di visualizzare il conto dell'hotel durante il soggiorno. (Solo in Professional mode ON.)

- Messaggi  :

Gli ospiti ricevono una notifica quando al TV arriva un nuovo messaggio da parte dell'hotel. (Solo in Professional mode ON.)

- Visualizzazione messaggio  :

Cambia il modo in cui vengono visualizzate le notifiche dei messaggi. (Solo in Professional mode ON.)

- Gestisci account  :

Durante l'accesso all'account Google utilizzando il telefono o il computer portatile, assicurarsi che il telefono o il laptop sia connesso alla stessa rete del

TV, quindi immettere il codice visualizzato sul TV per completare la procedura di registrazione. L'ospite può anche utilizzare l'indirizzo e-mail e la password dell'account Google per registrarsi.

• Cancella la cronologia  :

Cancella credenziali personali da tutte le applicazioni (eliminate automaticamente dopo il check-out, solo in Professional mode ON.)

10.10

Impostazioni professionali

Stile immagine

Selezione di uno stile

Premere  /  Home >  Più >  Impostazioni >  Immagine > Stile immagine.

Per facilitare la regolazione delle immagini, è possibile selezionare un'impostazione predefinita con Stile immagine.

- Personale: le preferenze per le immagini impostate durante la prima accensione.
- Vivace: ideale per la visione di giorno.
- Naturale: impostazioni naturali delle immagini.
-  Standard: l'impostazione migliore per il risparmio energetico (impostazione predefinita)
- Film: ideale per guardare i film.
- Gioco: ideale per giocare
- Computer: ideale per connettere lo schermo di un computer

Formato immagine

Scelta del formato delle immagini

Se l'immagine non riempie tutto lo schermo o se si vedono delle bande nere in alto, in basso o ai lati, è possibile regolare l'immagine affinché riempia completamente lo schermo.

Per selezionare una delle impostazioni di base per riempire lo schermo...

Premere  /  Home >  Più >  Impostazioni >  Formato immagine.

A seconda dell'immagine sullo schermo, sono disponibili i formati seguenti.

- Schermo largo
- Riempi schermo
- Adatta a schermo
- Non in scala

Stile audio

Selezione di uno stile

Premere  /  Home >  Più >  Impostazioni >  Suono > Stile audio.

Per facilitare la regolazione del suono, è possibile selezionare un'impostazione predefinita con Stile audio.

- Personale - Le scelte effettuate in Personalizza immagine e audio
- Originale: le impostazioni audio più neutre.
- Film: ideale per guardare i film.
- Musica: ideale per ascoltare la musica.
- Gioco: ideale per giocare.
- Notizie: ideale per la lettura di informazioni.

Lingua

Modifica della lingua dei menu e dei messaggi del TV

Premere  /  Home >  Più >  Impostazioni >  Lingua menu.

Selezionare la lingua e premere **OK**.

Consumo energetico, controllo

Impostazione dello spegnimento schermo per risparmi sul consumo energetico

Premere  /  Home >  Più >  Caratteristiche >  Sleep Timer > Spegnim. schermo.

Se si ascolta solo musica sul TV, è possibile disattivare lo schermo TV.

In questo caso, si spegnerà solo lo schermo. Per riaccendere lo schermo, premere un tasto qualsiasi sul telecomando.

Impostazione del timer di spegnimento del TV

Premere  /  Home >  Più >  Caratteristiche >  Sleep Timer > Sleep Timer.

Premere le frecce  (su) o  (giù) per regolare il valore. Il valore 0 (Off) disattiva la funzione di spegnimento automatico.

Selezionare Timer di spegnimento e il TV si spegne automaticamente per risparmiare energia.

* Il TV si spegne se, pur ricevendo un segnale televisivo, non viene premuto un tasto sul telecomando per un periodo di 4 ore.

* Il TV si spegne se non riceve un segnale televisivo

né un input dal telecomando per 10 minuti.

* Se si utilizza il televisore come monitor o si utilizza un ricevitore digitale (decoder - STB) per guardare la TV e non si utilizza il telecomando, disattivare la funzione di spegnimento automatico, per impostare il valore su 0.

10.11

Account Google

Accedi

Per sfruttare appieno le funzionalità del TV Philips Android, è possibile accedere a Google con il proprio account Google.

Effettuando l'accesso, sarà possibile giocare ai videogiochi preferiti sul telefono, sul tablet e sul TV. Si riceveranno anche suggerimenti personalizzati su video e musica nella schermata principale del TV e si otterrà l'accesso a YouTube, Google Play e altre applicazioni.

Utilizzare il proprio **account Google** esistente per accedere a Google sul TV. L'account Google è costituito da un indirizzo e-mail e da una password. Se non si dispone ancora di un account Google, utilizzare il computer o il tablet per crearne uno (accounts.google.com). Se non è stato effettuato l'accesso durante la prima installazione del TV, è possibile sempre effettuarlo in un momento successivo.

Accedi

Premere  /  > Aprire l'app Professional Menu.

Scegliere Gestisci account nella parte superiore destra della schermata dell'applicazione del Professional Menu e premere **OK** . Con la tastiera su schermo, immettere l'indirizzo e-mail e la password, quindi premere lo stesso tasto **OK** per registrarsi.

Schermata Home Android TV

11.1

Info sulla schermata Home Android TV

Per sfruttare appieno i vantaggi del TV Android, collegarlo a Internet.

Come su uno smartphone o tablet Android, la schermata Home è il centro di questo televisore. Dalla schermata Home è possibile decidere cosa guardare, sfogliando tra le opzioni di intrattenimento nell'app e nella Live TV. La home page contiene canali per scoprire i fantastici contenuti delle proprie app preferite. È possibile aggiungere anche ulteriori canali o trovare nuove app per visualizzare più contenuti.

11.2

Apertura della schermata Home Android TV

Professional mode ON – Fare riferimento al manuale di installazione.

Professional mode OFF – Per aprire la schermata iniziale della Android TV e aprire un elemento...

1 – Premere Menu e accedere a "Collezione Philips", quindi premere OK.

2 – Selezionare un'attività utilizzando i pulsanti freccia e premere **OK** per iniziare l'attività.

3 – Per chiudere il menu Home senza modificare l'attività corrente, premere **←**.



All'apertura della schermata Home Android TV, l'applicazione in esecuzione in

background/riproduzione dei contenuti sarà interrotta. È necessario selezionare l'applicazione o i contenuti dalla schermata Home Android TV per riprenderne la visione.

11.3

Impostazioni Android TV

Immagine

Impostazioni delle immagini

Stile immagine

Selezione di uno stile

Premere **⇐** / **⇨** > **⚙** Impostazioni > Immagine > Stile immagine.

Per facilitare la regolazione delle immagini, è possibile selezionare un'impostazione predefinita con Stile immagine.

- **Personale:** le preferenze per le immagini impostate durante la prima accensione.
- **Vivace:** ideale per la visione di giorno.
- **Naturale:** impostazioni naturali delle immagini.
- **Standard:** l'impostazione migliore per il risparmio energetico (impostazione predefinita)
- **Film:** ideale per guardare i film.
- **Gioco:** ideale per giocare
- **Computer:** ideale per connettere lo schermo di un computer

Colore, Contrasto, Nitidezza, Luminosità

Regolazione del colore dell'immagine

Premere **⇐** / **⇨** Home > **⚙** Impostazioni > Immagine > Colore.

Premere le frecce **▲** (in alto) o **▼** (in basso) per regolare il valore della saturazione del colore dell'immagine.

Regolazione del contrasto dell'immagine

Premere **⇐** / **⇨** Home > **⚙** Impostazioni > Immagine > Contrasto. Premere le frecce **▲** (in alto) o **▼** (in basso) per regolare il valore del contrasto dell'immagine.

È possibile ridurre il valore del contrasto per diminuire il consumo energetico.

Regolazione della nitidezza dell'immagine

Premere **⇐** / **⇨** Home > **⚙** Impostazioni > Immagine > Nitidezza.

Premere i tasti freccia **▲** (su) o **▼** (giù) per regolare il valore della nitidezza dell'immagine.

Regolazione della luminosità

Premere  /  Home >  Impostazioni > Immagine > Luminosità.
Premere i tasti freccia  (su) o  (giù) per impostare il livello di luminosità del segnale dell'immagine.

Nota: Se si imposta un valore di luminosità molto lontano dal valore di riferimento (50), il contrasto potrebbe essere inferiore.

Impostazioni avanzate dell'immagine

Impostazioni del colore

Impostazioni colore avanzate

Regolazione dell'ottimizzazione dei colori

Premere  /  Home >  Impostazioni > Immagine > Avanzate > Colore > Ottimizzazione dei colori.

Selezionare **Massimo**, **Media**, o **Minimo** per configurare il livello di intensità del colore e i dettagli in colori luminosi.

Selezione dell'impostazione predefinita per la temperatura del colore

Premere  /  Home >  Impostazioni > Immagine > Avanzate > Colore > Temperatura del colore.

Selezionare **Normale**, **Caldo** o **Freddo** per impostare la temperatura del colore che si preferisce.

Personalizzazione della temperatura del colore

Premere  /  Home >  Impostazioni > Immagine > Avanzate > Colore > Temperatura colore personalizzata.

Selezionare **Personalizza** nel menu Temperatura del colore, per personalizzare una temperatura del colore di preferenza. Premere le frecce  (su) o  (giù) per regolare il valore. WP è il punto di bianco e BL il livello di nero. È anche possibile selezionare una delle impostazioni predefinite in questo menu.

Impostazioni di contrasto avanzate

Modalità di contrasto

Premere  /  Home >  Impostazioni > Immagine > Avanzate > Contrasto > Modalità contrasto.

Selezionare **Normale**, **Ottimizzato per le immagini** oppure **Ottimizzato per il risparmio energetico** per configurare il TV in modo che riduca automaticamente il contrasto, migliori al massimo il consumo energetico o l'esperienza di visualizzazione

dell'immagine. Altrimenti scegliere **Off** per sospendere la regolazione.

Contrasto dinamico

Premere  /  Home >  Impostazioni > Immagine > Avanzate > Contrasto > Contrasto dinamico.

Selezionare **Massimo**, **Media** o **Minimo** per impostare il livello in cui il TV migliora automaticamente i dettagli nelle aree scure, mediamente illuminate e illuminate dell'immagine.

Contrasto video, Gamma

Contrasto video

Premere  /  Home >  Impostazioni > Immagine > Avanzate > Contrasto > Contrasto video.

Premere i tasti freccia  (su) o  (giù) per regolare il livello di contrasto video.

Gamma

Premere  /  Home >  Impostazioni > Immagine > Avanzate > Contrasto > Gamma.

Premere i tasti freccia  (su) o  (giù) per configurare un'impostazione non lineare per la luminanza e il contrasto dell'immagine.

Impostazioni di nitidezza avanzate

Risoluzione Ultra

Premere  /  Home >  Impostazioni > Immagine > Avanzate > Nitidezza > Risoluzione Ultra.

Selezionare **On** per una nitidezza superiore delle linee e dei dettagli.

Cancellazione immagine

Riduz. rumore

Premere  /  Home >  Impostazioni > Immagine > Avanzate > Cancellazione immagine > Riduz. rumore.

Selezionare **Massimo**, **Media** o **Minimo** per configurare il livello di rimozione del rumore nei contenuti video.

Il rumore è visibile principalmente come puntini in movimento nell'immagine sullo schermo.

Nitidezza, Riduzione artefatti MPEG

Premere  /  Home >  Impostazioni > Immagine > Avanzate > Cancellazione immagine > Riduzione artefatti MPEG.

Selezionare Massimo, Media o Minimo per ottenere vari gradi di fluidità degli artefatti nei contenuti video digitali.

Gli artefatti MPEG sono per lo più visibili come piccoli blocchi o bordi frastagliati nelle immagini sullo schermo.

Formato immagine

Se l'immagine non riempie tutto lo schermo o se si vedono delle bande nere in alto, in basso o ai lati, è possibile regolare l'immagine affinché riempia completamente lo schermo.

Per selezionare una delle impostazioni di base per riempire lo schermo...

- 1 - Mentre si guarda un canale TV, premere  /  Home >  Impostazioni > Immagine > Formato immagine.
- 2 - Selezionare un formato dall'elenco e premere OK.
- 3 - Premere  BACK, ripetutamente se necessario, per chiudere il menu.

A seconda dell'immagine sullo schermo, sono disponibili i seguenti formati. . .

- Schermo largo
- Riempi schermo
- Adatta a schermo
- Non in scala

Suono

Stile audio

Selezione di uno stile

Premere  /  Home >  Impostazioni > Suono > Stile audio.

Per facilitare la regolazione del suono, è possibile selezionare un'impostazione predefinita con Stile audio.

- Personale - Le scelte effettuate in Personalizza immagine e audio
- Originale: le impostazioni audio più neutre.
- Film: ideale per guardare i film.
- Musica: ideale per ascoltare la musica.
- Gioco: ideale per giocare.
- Notizie: ideale per la lettura di informazioni.

Gestione del suono

Selezionare un dispositivo.

Premere  /  Home >  Impostazioni > Suono > Gestione del suono.
Configurazione dei dispositivi di uscita audio.

- Altoparlanti TV - Imposta il TV per riprodurre l'audio sul TV o sul sistema audio collegato.
- Altoparlanti Headphone/Bathroom - On/Off.
- Cuffie/bagno vol altop. fisso - Se è abilitata, il livello del volume di cuffie/bagno sarà fisso sulle impostazioni di accensione.
- Rilevamento cuffie - On/Off.

Posizione TV

Premere  /  Home >  Impostazioni > Suono > Posizione TV.

Selezionare Su supporto TV o Sulla parete per una riproduzione migliore dell'audio, a seconda dell'impostazione.

All'avanguardia

Consumo energetico, controllo

Sleeptimer

Premere  /  Home >  Impostazioni > Impostazioni Eco > Sleep Timer.

Imposta il TV per passare automaticamente in standby dopo un periodo di tempo specificato. Per disabilitare questa funzione, impostare l'orario su zero.

Premere le frecce  (su) o  (giù) per regolare il valore. Il valore 0 (Off) disattiva la funzione di spegnimento automatico.

Selezionare Timer di spegnimento e il TV si spegne automaticamente per risparmiare energia.

* Il TV si spegne se, pur ricevendo un segnale televisivo, non viene premuto un tasto sul telecomando per un periodo di 4 ore.

* Il TV si spegne se non riceve un segnale televisivo né un input dal telecomando per 10 minuti.

* Se si utilizza il televisore come monitor o si utilizza un ricevitore digitale (decoder - STB) per guardare la TV e non si utilizza il telecomando, disattivare la funzione di spegnimento automatico, per impostare il valore su 0.

Spegnimento schermo

Premere  /  Home >  Impostazioni > Impostazioni Eco > Spegnimento schermo.

Se si ascolta solo musica sul TV, è possibile disattivare lo schermo TV.

In questo caso, si spegnerà solo lo schermo. Per riaccendere lo schermo, premere un tasto qualsiasi sul telecomando.

Regione, e lingua

lingue

Premere  /  Home >  Impostazioni > Regione, e Lingua > Lingue.

Configura le impostazioni della regione o delle lingue.

- Lingua menu/sistema Android - Modifica la lingua di menu e messaggi.
- Lingua audio principale - Imposta la preferenza principale per la lingua audio nelle trasmissioni.
- Lingua audio secondaria - Imposta la preferenza successiva per la lingua audio nelle trasmissioni.
- Lingua sottotitoli principale - Imposta la preferenza principale per la lingua dei sottotitoli nelle trasmissioni.
- Lingua sottotitoli secondaria - Imposta la preferenza successiva per la lingua dei sottotitoli nelle trasmissioni.
- Lingua televideo principale - Imposta la preferenza principale per la lingua del televideo nelle trasmissioni.
- Lingua televideo secondario - Imposta la preferenza successiva per la lingua del televideo nelle trasmissioni.

Impostazioni di accesso universale

Premere  /  Home >  Impostazioni > Accessibilità > Accesso universale.

Se si attiva Accesso universale, il televisore viene predisposto per l'uso da parte di persone con problemi di udito o di vista.

Accensione delle impostazioni di accesso universale

Premere  /  Home >  Impostazioni > Accessibilità > Accesso universale > On.

Accesso universale per non udenti

Premere  /  Home >  Impostazioni > Accessibilità > Accesso universale > Non udenti > On.

• Alcuni canali televisivi digitali trasmettono audio e sottotitoli speciali adatti a persone con handicap uditivi.

• Se l'opzione è attiva, il TV passa automaticamente all'audio e ai sottotitoli speciali, se disponibili.

Accesso universale per non vedenti o ipovedenti

Premere  /  Home >  Impostazioni > Accessibilità > Accesso universale > Descrizione audio > Descrizione audio > On.

I canali TV digitali possono trasmettere commenti audio speciali che descrivono ciò che accade sullo schermo.

 Impostazioni > Accessibilità > Accesso universale > Descrizione audio > Volume misto, Effetti audio, Voce.

- Selezionare Volume misto, così è possibile combinare il volume dell'audio normale con i commenti audio. Premere le frecce  (su) o  (giù) per regolare il valore.
- Impostare Effetti audio su On per ottenere effetti audio aggiuntivi nell'audio del commento, come stereo o dissolvenza.
- Selezionare Voce per impostare la preferenza vocale, Descrittivo o Sottotitoli.

Blocco contenuti

Livello di classificazione

Premere  /  Home >  Impostazioni > Classificazione contenuti.

Per evitare che i bambini guardino un programma non adatto alla loro età, è possibile impostare una fascia d'età. I canali digitali possono avere programmi classificati per fascia d'età. Quando la fascia d'età indicata da un programma è uguale o superiore a quella dell'età impostata, il programma viene bloccato. Per guardare un programma bloccato, è necessario immettere il codice.

Per impostare una fascia d'età

Premere  /  Home >  Impostazioni > Classificazione contenuti > Livello di classificazione.

Selezionare l'età e premere OK. Per disattivare il blocco per fascia d'età, selezionare Nessuno. Tuttavia, in alcuni paesi è necessario impostare una fascia di età.

Imposta codice e Modifica codice

Premere  /  Home >  Impostazioni > Classificazione contenuti.

Il codice per Blocco bambini viene utilizzato per bloccare o sbloccare canali o programmi.

Impostare il nuovo codice o ripristinare il codice modificato.

Premere  /  Home >  Impostazioni > Classificazione contenuti > Modifica codice.

Nota:

se si dimentica il codice PIN, è possibile sovrascrivere il codice attuale 8888 e inserirne uno nuovo.

11.4

Collegamento del TV Android

Rete e Internet

Rete domestica

Per sfruttare appieno le funzionalità del TV Philips Android, è necessario connetterlo a Internet.

Collegare il TV a una rete domestica con connessione a Internet ad alta velocità. È possibile collegare il TV al router di rete sia in modalità wireless che cablata.

Connetti a rete

Connessione wireless

Cosa serve?

Per collegare il TV a Internet in modalità wireless, è necessario un router Wi-Fi con connessione a Internet.

Utilizzare una connessione Internet ad alta velocità (banda larga).



Connessione

Connessione - WIRELESS

Premere  /  Home >  Impostazioni >  Wireless e reti > Connetti a rete > WIRELESS.

1 - Nell'elenco delle reti rilevate, selezionare la propria rete wireless. Se la rete non è presente nell'elenco, perché il nome della rete è nascosto (trasmissione SSID del router disattivata), selezionare Aggiungi nuova rete per immettere manualmente il nome.

2 - A seconda del tipo di router, immettere la chiave di crittografia (WEP, WPA o WPA2). Se la chiave di crittografia per questa rete è già stata inserita, selezionare OK per eseguire immediatamente la connessione.

3 - Una volta eseguita la connessione, viene visualizzato un messaggio.

Connessione - WPS

Premere  /  Home >  Impostazioni >  Wireless e reti > Connetti a rete > WPS.

Se il router è dotato di WPS, è possibile connettersi direttamente al router senza eseguire la ricerca delle reti. Se nella rete wireless sono presenti dispositivi che utilizzano il sistema di codifica di protezione WEP, non è possibile utilizzare il WPS.

1 - Premere il pulsante WPS sul router e tornare al TV entro 2 minuti.

2 - Selezionare Connetti per eseguire la connessione.

3 - Una volta eseguita la connessione, viene visualizzato un messaggio.

Connessione - WPS con codice PIN

Premere  /  Home >  Impostazioni >  Wireless e reti > Connetti a rete > WPS con codice PIN.

Se il router è dotato di WPS con codice PIN, è possibile connettersi direttamente al router senza eseguire la ricerca delle reti. Se nella rete wireless sono presenti dispositivi che utilizzano il sistema di codifica di protezione WEP, non è possibile utilizzare il WPS.

1 - Scrivere il codice PIN a 8 cifre che viene mostrato sullo schermo e inserirlo nel software del router sul PC. Per sapere dove inserire il codice PIN nel software del router, consultare il manuale del router.

2 - Selezionare Connetti per eseguire la connessione.

3 - Una volta eseguita la connessione, viene visualizzato un messaggio.

Problemi

Rete wireless non trovata o distorta

- Eventuali forni a microonde, telefoni DECT o altri dispositivi Wi-Fi 802.11b/g/n/ac nelle vicinanze potrebbero disturbare la rete wireless.
- Verificare che i firewall della rete consentano l'accesso alla connessione wireless del televisore.
- Se la rete wireless non funziona correttamente, provare l'installazione mediante rete cablata.

Internet non funziona

- Se il collegamento al router è corretto, verificare la connessione ad Internet del router stesso.

Il PC e il collegamento a Internet sono lenti

- Per informazioni sulla copertura interna, sulla velocità di trasferimento e altri fattori che influiscono sulla qualità del segnale, consultare il manuale d'uso del router wireless.
- Il router deve disporre di una connessione Internet ad alta velocità (banda larga).

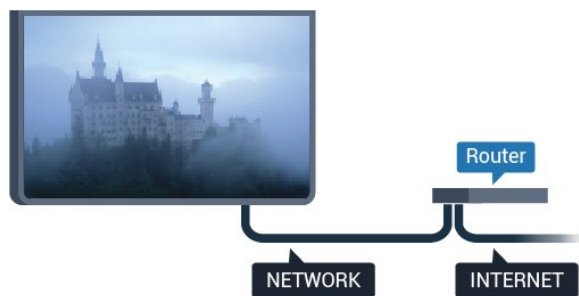
DHCP

- Se la connessione non riesce, verificare l'impostazione DHCP (Dynamic Host Configuration Protocol) del router. DHCP deve essere attivato.

Connessione cablata

Cosa serve?

Per collegare il TV a Internet, è necessario un router di rete con connessione a Internet. Utilizzare una connessione Internet ad alta velocità (banda larga).



Connessione

Connessione - CABLATA

Premere  /  Home >  Impostazioni >  Wireless e reti > Connetti a rete > WIRED.

- 1 - Collegare il router al TV mediante un cavo di rete (cavo Ethernet**).
- 2 - Assicurarsi che il router sia acceso.
- 3 - Il TV ricerca costantemente la connessione di rete.
- 4 - Una volta eseguita la connessione, viene visualizzato un messaggio.

Se la connessione non riesce, verificare l'impostazione DHCP del router. DHCP deve essere attivato.

**Per la conformità alle normative EMC, utilizzare un cavo Ethernet FTP Cat. 5E schermato.

Impostazioni

Visualizza impostazioni di rete

Premere  /  Home >  Impostazioni >  Wireless e reti > Impostazioni > Visualizza impostazioni di rete.

In questo campo, vengono visualizzate tutte le impostazioni di rete correnti. Gli indirizzi IP e MAC, la potenza del segnale, la velocità, il metodo di codifica, ecc.

Configurazione di rete - DHCP/IP statico

Premere  /  Home >  Impostazioni >  Wireless e reti > Impostazioni > Configurazione di rete > DHCP/IP statico.

Seleziona DHCP. In alternativa, gli utenti esperti possono configurare la rete tramite indirizzo IP statico.

Configurazione di rete - Configurazione IP statico

Premere  /  Home >  Impostazioni >  Wireless e reti > Impostazioni > Configurazione IP statico.

- 1 - Selezionare Configurazione IP statica e configurare la connessione.
- 2 - È possibile impostare il numero per le opzioni Indirizzo IP, Netmask, Gateway, DNS 1 o DNS 2.

Wake on LAN (WoL)

Premere  /  Home >  Impostazioni >  Wireless e reti > Impostazioni > Wake on LAN (WoL).

Disattiva/attiva Wake on LAN (WoL). È possibile riattivare il TV utilizzando un dispositivo esterno sulla stessa rete LAN.

Wake on Wi-Fi (WoWLAN)

Premere  /  Home >  Impostazioni >  Wireless e reti > Impostazioni > Wake on Wi-Fi (WoWLAN).

Disattiva/attiva Wake on Wi-Fi (WoWLAN). È possibile riattivare il TV utilizzando un dispositivo esterno sulla stessa rete Wi-Fi.

Tipo di rete

Premere  /  Home >  Impostazioni >  Wireless e reti > Impostazioni > Tipo di rete.

- Cablato - Connessione a una rete cablata.

- Wireless – Nell'elenco delle reti rilevate, selezionare la propria rete wireless. Se la rete non è presente nell'elenco, perché il nome della rete è nascosto (trasmissione SSID del router disattivata), selezionare Aggiungi nuova rete per immettere manualmente il nome.
- WPS – Se il router è dotato di WPS, è possibile connettersi direttamente al router senza eseguire la ricerca delle reti. Se nella rete wireless sono presenti dispositivi che utilizzano il sistema di codifica di protezione WEP, non è possibile utilizzare il WPS.
- WPS con codice PIN – Se il router è dotato di WPS con codice PIN, è possibile connettersi direttamente al router senza eseguire la ricerca delle reti. Se nella rete wireless sono presenti dispositivi che utilizzano il sistema di codifica di protezione WEP, non è possibile utilizzare il WPS.

Account Google

Accedi

Per sfruttare appieno le funzionalità del TV Philips Android, è possibile accedere a Google con il proprio account Google.

Effettuando l'accesso, sarà possibile giocare ai videogiochi preferiti sul telefono, sul tablet e sul TV. Si riceveranno anche suggerimenti personalizzati su video e musica nella schermata principale del TV e si otterrà l'accesso a YouTube, Google Play e altre applicazioni.

Utilizzare il proprio account Google esistente per accedere a Google sul TV. L'account Google è costituito da un indirizzo e-mail e da una password. Se non si dispone ancora di un account Google, utilizzare il computer o il tablet per crearne uno (accounts.google.com). Per giocare ai videogiochi con Google Play, è necessario un profilo Google+. Se non è stato effettuato l'accesso durante la prima installazione del TV, è possibile sempre effettuarlo in un momento successivo.

Accedi

Premere  Home >  Applicazioni > Google Play.

Con la tastiera su schermo, immettere l'indirizzo e-mail e la password, quindi premere lo stesso tasto OK per registrarsi.

Impostazioni Android

È possibile configurare o visualizzare diverse informazioni o impostazioni specifiche di Android. È possibile individuare l'elenco delle applicazioni installate sul TV e lo spazio di archiviazione necessario. È possibile impostare la lingua che si

desidera utilizzare per la ricerca vocale. È possibile configurare la tastiera su schermo o consentire alle applicazioni di utilizzare la propria posizione. Esplorare le diverse impostazioni di Android. Per ulteriori informazioni su queste impostazioni, è possibile accedere al sito Web www.support.google.com/androidtv.

Per aprire queste impostazioni

Premere  /  Home >  Impostazioni > Impostazioni > Impostazioni Android.

11.5

Canali

Elenchi di canali

Info sugli elenchi di canali

Dopo l'installazione di un canale, tutti i canali vengono visualizzati nell'elenco dei canali. I canali vengono mostrati con il loro nome e logo se tali informazioni sono disponibili.

Con un elenco di canali selezionato, premere la freccia  (su) o  (giù) per selezionare un canale, quindi premere OK per guardare il canale selezionato. È possibile sintonizzarsi solo sui canali inclusi in tale elenco utilizzando il tasto  + o  -.

Stazioni radio

Se sono disponibili trasmissioni digitali, le stazioni radio digitali vengono sintonizzate durante l'installazione. Selezionare un canale radio esattamente come per un canale TV.

Apertura di un elenco di canali

Per aprire l'elenco dei canali corrente...

1. Premere  , per passare a TV.
2. Premere  per aprire l'elenco canali attuale.
3. Premere nuovamente  per chiudere l'elenco canali.

Visione dei canali

Sintonizzarsi su un canale

Per guardare i canali TV, premere  . Il televisore si sintonizza sull'ultimo canale guardato.

Cambio del canale

- Per cambiare canale, premere  + o .

Canale precedente

- Per tornare al canale sintonizzato in precedenza, premere BACK.

Elenco canali

Mentre si sta guardando un canale TV, premere per aprire le liste canali.

Opzioni per i canali

Apertura delle opzioni

Interfaccia standard

Se è stato installato un modulo CAM in uno degli alloggiamenti di interfaccia comune, è possibile visualizzare il modulo CAM e le informazioni sull'operatore oppure configurare alcune informazioni relative al modulo CAM.

Per visualizzare le informazioni relative al modulo CAM...

- 1 - Sintonizzarsi sul canale, premere OPTIONS.
- 2 - Selezionare **Interfaccia comune**.
- 3 - Selezionare l'alloggiamento di interfaccia comune appropriato e premere (destra).
- 4 - Selezionare l'operatore TV del modulo CAM e premere **OK**. Le schermate che seguiranno provengono dall'emittente televisiva.

Sottotitoli

Lingua sottotitoli

Lingue sottotitoli preferite

Una trasmissione digitale può offrire diverse lingue di sottotitoli per un programma. È possibile impostare una lingua principale e secondaria per i sottotitoli. Il TV mostrerà i sottotitoli in una delle lingue impostate, se disponibili.

Per impostare la lingua principale e secondaria dei sottotitoli...

- 1 - Premere / Home. Premere (verso il basso), selezionare **Impostazioni** e premere **OK**.
- 2 - Selezionare Regione e lingua > Lingue > Lingua sottotitoli principale o Lingua sottotitoli secondaria.
- 3 - Selezionare la lingua desiderata e premere **OK**.
- 4 - Premere (sinistra) per tornare indietro di un passaggio o premere BACK per chiudere il menu.

Selezione della lingua per i sottotitoli

Se nessuna delle lingue preferite per i sottotitoli è disponibile, è possibile selezionare un'altra lingua dei sottotitoli se disponibile. Se nessuna lingua dei sottotitoli è disponibile, non è possibile selezionare questa opzione.

Per selezionare una lingua dei sottotitoli quando nessuna delle lingue preferite è disponibile...

- 1 - Premere OPTIONS.
- 2 - Selezionare **Lingua sottotitoli** e selezionare una delle lingue da utilizzare temporaneamente per i sottotitoli.

Lingua audio

Lingua audio preferita

Una trasmissione digitale può offrire diverse lingue audio (lingue parlate) per un programma. È possibile impostare una lingua audio principale e secondaria preferita. Il televisore attiverà l'audio in una di queste lingue, se disponibile.

Per impostare la lingua audio principale e secondaria...

- 1 - Premere / Home. Premere (in basso), selezionare **Impostazioni** e premere **OK**.
- 2 - Selezionare Regione e lingua, quindi selezionare Lingue > Lingua audio principale o Lingua audio secondaria.
- 3 - Selezionare la lingua desiderata e premere **OK**.
- 4 - Premere (sinistra) per tornare indietro di un passaggio o premere BACK per chiudere il menu.

Selezione di una lingua audio

Se nessuna delle lingue audio preferite è disponibile, è possibile selezionare un'altra lingua audio tra quelle disponibili. Se nessuna lingua audio è disponibile, non è possibile selezionare questa opzione.

Per selezionare una lingua audio quando nessuna delle lingue preferite è disponibile...

- 1 - Premere OPTIONS.
- 2 - Selezionare **Lingua audio** e selezionare una delle lingue da utilizzare temporaneamente per l'audio.

Info canale

Visualizzazione dei dettagli del canale

Per richiamare i dettagli del canale selezionato...

- 1 - Sintonizzarsi sul canale.
- 2 - Premere **+** **OPTIONS**, selezionare **Info canale** e premere **OK**.
- 3 - Per chiudere questa schermata, premere **OK**.

Mono/Stereo

È possibile far passare l'audio di un canale analogico da Mono a Stereo e viceversa.

Per impostare l'audio in modalità Mono o Stereo...

- 1 - Sintonizzarsi su un canale analogico.
- 2 - Premere **+** **OPTIONS**, selezionare **Mono/Stereo** e premere **➤** (destra).
- 3 - Selezionare **Mono** o **Stereo** e premere **OK**.
- 4 - Premere **◀** (sinistra) per tornare indietro di un passaggio o premere **←** **BACK** per chiudere il menu.

Info sui programmi

Visualizzazione dei dettagli del programma

Per richiamare i dettagli del programma selezionato...

- 1 - Sintonizzarsi sul canale.
- 2 - Premere **+** **OPTIONS**, selezionare **Info sui programmi** e premere **OK**.
- 3 - Per chiudere questa schermata, premere **OK**.

11.6

Installazione canale

Installazione dei canali

Installazione via antenna/cavo

Cerca canali

È possibile reinstallare tutti i canali lasciando invariate tutte le altre impostazioni del televisore.

Se è stato impostato un codice PIN, è necessario immettere tale codice prima di eseguire la reinstallazione dei canali.

Per cercare canali...

- 1 - Premere **🏠** / **📺** **Home** > **⚙️** **Impostazioni** > **Installa canali** e premere **OK**.
- 2 - Selezionare **RF Installazione canale** e premere **OK**.
- 3 - Immettere il codice PIN, se necessario. Selezionare **Cerca canali** e premere **OK**. Selezionare **Avvia** e premere **OK**. Selezionare il Paese in cui ci si trova in quel momento e premere **OK**. Selezionare **Avvia** e premere **OK**.

Selezionare il tipo di installazione desiderato, ossia **Antenna (DVB-T)** o **Cavo (DVB-C)**, e premere **OK**.

Selezionare **Avanti** e premere **OK**.

Selezionare il tipo di canali desiderato, ossia **Canali digitali e analogici** o **Solo canali digitali**, e premere **OK**.

Selezionare **Avanti** e premere **OK**.

Selezionare **Avvia** e premere **OK** per aggiornare i canali digitali. L'operazione può richiedere alcuni minuti.

Premere **◀** (sinistra) per tornare indietro di un passaggio o premere **←** **BACK** per chiudere il menu.

Aggiornamento automatico canali

Se si ricevono canali digitali, è possibile impostare il televisore in modo da aggiornare automaticamente l'elenco.

Una volta al giorno, alle ore 6, il TV aggiorna i canali e salva quelli nuovi. I nuovi canali vengono memorizzati nell'elenco canali e sono contrassegnati con il simbolo **★**. I canali senza un segnale vengono rimossi. Per l'aggiornamento automatico dei canali, il TV deve trovarsi in modalità standby. È possibile disattivare l'aggiornamento automatico canali.

Per disattivare l'aggiornamento automatico...

- 1 - Premere **🏠** / **📺** **Home** > **⚙️** **Impostazioni** > **Installa canali** e premere **OK**.
- 2 - Selezionare **RF Installazione canale** e premere **OK**.
- 3 - Immettere il codice PIN, se necessario.
- 4 - Selezionare **Aggiornamento automatico canali** e premere **OK**.
- 5 - Selezionare **Off** e premere **OK**.
- 6 - Premere **◀** (sinistra) per tornare indietro di un passaggio o premere **←** **BACK** per chiudere il menu.

Canale, Aggiornamento automatico canali

Se vengono rilevati nuovi canali o se i canali vengono aggiornati o rimossi, viene visualizzato un messaggio all'avvio del TV. Per evitare che questo messaggio compaia dopo ogni aggiornamento dei canali, è possibile disattivarlo.

Per disattivare il messaggio...

- 1 - Premere **🏠** / **📺** **Home** > **⚙️** **Impostazioni** > **Installa canali** e premere **OK**.
- 2 - Selezionare **RF Installazione canale** e premere **OK**.
- 3 - Immettere il codice PIN, se necessario.
- 4 - Selezionare **Aggiornamento automatico canali** e premere **OK**.
- 5 - Selezionare **Off** e premere **OK**.
- 6 - Premere **◀** (sinistra) per tornare indietro di un passaggio o premere **←** **BACK** per chiudere il menu.

In alcuni Paesi, l'aggiornamento automatico dei canali viene eseguito durante la visione di un programma o quando il televisore si trova in modalità standby.

Digitale: Installazione manuale

I canali televisivi digitali possono essere installati manualmente uno alla volta.

Per installare manualmente i canali digitali...

- 1 - Premere  /  Home >  Impostazioni > Installa canali e premere **OK**.
- 2 - Selezionare **RF Installazione canale** e premere **OK**.
- 3 - Selezionare **Digitale: installazione manuale** e premere **OK**.
- 4 - Selezionare **Ricerca** e premere **OK**. È possibile immettere personalmente una frequenza per trovare un canale o attivare la ricerca automatica di un canale sul TV. Premere  (destra) per selezionare **Ricerca**, quindi premere **OK** per attivare la ricerca automatica di un canale. Il canale trovato viene visualizzato sullo schermo; se la ricezione non è ottimale, premere nuovamente **Ricerca**. Se si desidera memorizzare il canale, selezionare **Compiuto** e premere **OK**.

Analogico: Installazione manuale

I canali televisivi analogici possono essere installati manualmente uno alla volta.

Per installare manualmente i canali analogici...

- 1 - Premere  /  Home >  Impostazioni > Installa canali e premere **OK**.
- 2 - Selezionare **RF Installazione canale** e premere **OK**.
- 3 - Selezionare **Analogico: installazione manuale** e premere **OK**.

• Sistema

Per impostare il sistema TV, selezionare **Sistema**. Selezionare il proprio paese o la parte del mondo in cui ci si trova e premere **OK**.

• Cerca canale

Per trovare un canale, selezionare **Cerca canale** e premere **OK**. È possibile immettere personalmente una frequenza per trovare un canale o attivare la ricerca automatica di un canale sul TV. Premere  (destra) per selezionare **Ricerca**, quindi premere **OK** per attivare la ricerca automatica di un canale. Il canale trovato viene visualizzato sullo schermo; se la ricezione non è ottimale, premere nuovamente **Ricerca**. Se si desidera memorizzare il canale, selezionare **Compiuto** e premere **OK**.

• Memorizza

Un canale può essere salvato nella posizione corrente o in corrispondenza di un nuovo numero di canale. Selezionare **Memorizza canale attivo** o **Memorizza**

come nuovo canale e premere **OK**. Viene visualizzato brevemente il nuovo numero di canale.

È possibile effettuare nuovamente questi passaggi finché non sono stati trovati tutti i canali televisivi analogici disponibili.

11.7

Internet

Avvio di Internet

È possibile navigare in Internet sul TV. È possibile visualizzare qualsiasi sito Internet, anche se la maggior parte non è adatta per la visualizzazione su schermo TV.

- Alcuni plug-in (per la visualizzazione delle pagine o dei video) non sono disponibili sul TV.
- Non è possibile inviare o scaricare file.
- Le pagine Internet vengono visualizzate una alla volta e a schermo intero.

Per avviare il browser per Internet...

- 1 - Premere  /  HOME.
- 2 - Scorrere giù e selezionare  Applicazioni >  Internet e premere **OK**.
- 3 - Immettere un indirizzo Internet e selezionare , quindi premere **OK**.
- 4 - Per chiudere Internet, premere  /  HOME o .

Opzioni su Internet

Sono disponibili alcuni extra per Internet.

Per aprire gli extra...

- 1 - Con il sito Web aperto, premere  **OPTIONS**.
 - 2 - Selezionare uno degli elementi e premere **OK**.
- Aggiungi a composizione rapida: Consente di immettere un nuovo indirizzo Internet.
 - Aggiungi a segnalibri: aggiunge la pagina come segnalibro
 - Protezione pagina: Consente di visualizzare il livello di sicurezza della pagina corrente.
 - Nuova scheda in privato: consente l'apertura di una nuova scheda per avviare la navigazione in privato
 - Impostazioni: le impostazioni per Zoom, Dimensioni testo, modalità Accessibilità, Mostra sempre barra dei menu e cancellazione della cronologia (navigazione)
 - Guida: informazioni sul browser Internet
 - Esci da browser Internet: permette di chiudere il browser Internet

Smartphone e tablet

Philips TV Remote App

La nuova Philips TV Remote App sullo smartphone o sul tablet è il perfetto complemento per questo TV.

Con la TV Remote App, è possibile controllare tutti i contenuti multimediali. È possibile inviare foto, musica o video sullo schermo del televisore. È possibile cercare ciò che si desidera vedere sulla guida TV e guardarlo sul proprio TV. Con TV Remote App, quando si utilizza il telefono come telecomando, non è possibile accendere o spegnere il TV tramite il telefono.

Scaricare Philips TV Remote App dall'app store preferito.

Philips TV Remote App è disponibile per iOS e Android ed è gratuita.

Google Cast

Cosa serve?

Se un'applicazione sul dispositivo mobile dispone di Google Cast, è possibile proiettare l'applicazione sul TV. Nell'applicazione mobile, cercare l'icona di Google Cast. È possibile utilizzare il dispositivo mobile per controllare ciò che viene proiettato sul TV. Google Cast funziona su Android e iOS.

Il dispositivo mobile deve essere collegato alla stessa rete domestica Wi-Fi del TV.

Applicazioni con Google Cast

Ogni giorno, vengono rese disponibili nuove applicazioni Google Cast. È già possibile provarle con YouTube, Chrome, Netflix, Photowall... o Big Web Quiz for Chromecast. Vedere anche google.com/cast

Alcuni prodotti e funzioni di Google Play non sono disponibili in tutti i Paesi.

Ulteriori informazioni

su support.google.com/androidtv

Proiezione sul TV

Per proiettare un'applicazione sullo schermo del TV...

- 1 - Connessione dello smartphone alla TV tramite Wi-Fi Direct (scansione del codice QR o utilizzo dell'SSID WiFi e della password)
- Aprire un'applicazione che supporta Google Cast.
- 2 - Individuare l'icona di Google Cast.
- 3 - Selezionare il TV su cui si desidera effettuare la proiezione.

4 - Premere Riproduci sullo smartphone o sul tablet. Sul TV, dovrebbe venire avviata la riproduzione dei contenuti selezionati.

AirPlay

Per aggiungere la funzionalità AirPlay al TV Android, è possibile scaricare e installare una delle varie applicazioni Android appositamente progettate allo scopo. È possibile trovare diverse di queste applicazioni in Google Play Store.

Software

Aggiorna software

Versione software

Per controllare la versione software del TV...

- 1 - Premere  / , selezionare **Impostazioni**  e premere **OK**.
- 2 - Selezionare **Aggiorna software** > **Firmware attuale** e premere **OK**.
- 3 - Vengono visualizzate la versione, le note di rilascio e la data di creazione.
- 4 - Premere  (sinistra) più volte, se necessario, per chiudere il menu.

Aggiornamento dal sito Web

È possibile trovare la versione del firmware attuale della TV nel menu delle impostazioni in "Aggiorna software" > "Firmware attuale".

Visitare regolarmente il sito www.philips.com/support per i nuovi aggiornamenti del firmware.

Seguire le istruzioni riportate di seguito per aggiornare il firmware del TV.

Per scaricare il software più recente...

- 1 - Avviare Internet Explorer.
- 2 - Accedere al sito Philips di assistenza all'indirizzo <http://www.philips.com/support>.
- 3 - Inserire il numero di modello. (Il numero di modello è riportato sull'etichetta sulla parte posteriore del TV.)
- 4 - Una volta sulla pagina prodotto del proprio TV, selezionare Assistenza.
- 5 - Selezionare "Aggiornamenti software", e fare clic su "Scarica file" per scaricare il software. (Il software è disponibile sotto forma di file zip.)
- 6 - Se la versione del software è successiva a quella installata nel televisore, fare clic sul link per il download del software.
- 7 - Accettare il contratto di licenza/i Termini e

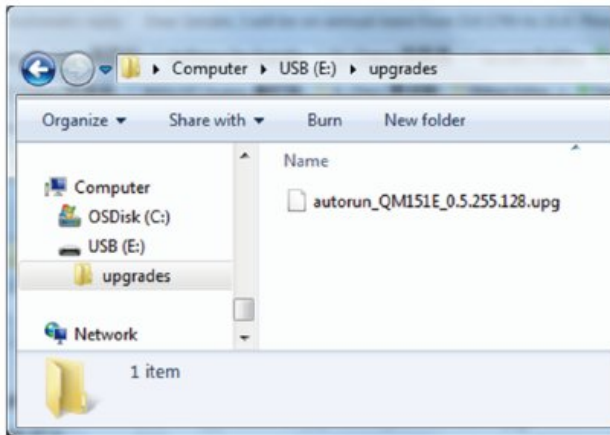
condizioni, selezionare "Accetto", quindi il file zip sarà scaricato automaticamente.

8 - Decomprimere il file zip in una qualsiasi directory utilizzando l'utilità di archiviazione.

9 - Creare una cartella denominata "aggiornamenti" nella directory principale dell'unità flash USB.

10 - Copiare il file upg estratto in precedenza nella cartella degli aggiornamenti, come mostrato nell'immagine sottostante.

11 - Scollegare l'unità flash USB dal computer.



Per aggiornare il software...

1 - Collegare l'unità flash USB (contenente l'aggiornamento del software) al connettore USB del televisore. Attendere 30 secondi o finché l'unità USB non viene riconosciuta dal televisore.

2 - Il televisore inizierà automaticamente a caricare il software.

3 - Al termine del caricamento del software, premere "Avvia" per avviare l'aggiornamento del televisore.

Software open source

Licenza open source

Info sulla licenza open source

File README per il codice sorgente delle parti del software televisivo TP Vision Netherlands B.V. concesse su licenze di tipo open source.

Questo documento descrive la distribuzione del codice sorgente utilizzato sul software televisivo TP Vision Netherlands B.V., che rientra nella Licenza pubblica generica GNU (GPL) o nella Licenza pubblica generica attenuata GNU (LGPL) o in qualsiasi altra licenza open source. Le istruzioni per ottenere copie del software possono essere reperite nelle istruzioni per l'uso.

TP Vision Netherlands B.V. NON OFFRE ALCUNA GARANZIA, ESPRESSA O IMPLICITA, INCLUSE GARANZIE DI COMMERCIALIZZABILITÀ O IDONEITÀ A UN PARTICOLARE SCOPO, PER CIÒ CHE CONCERNE IL SOFTWARE. TP Vision Netherlands B.V. non offre assistenza per il software. Quanto appena espresso non riguarda le garanzie e i diritti statuari derivanti dall'acquisto dei prodotti TP Vision Netherlands B.V. È applicabile solo al codice sorgente messo a disposizione.

Open Source

Android (9.0.0)

This tv contains the Android Pie 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 (4.9)

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"

mbed TLS (2.6.0)

Cryptographic and SSL/TLS capabilities used in Hue Streaming feature. The original download site for this software is : <https://tls.mbed.org/>. This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

aacenc (3.3.3)

Encoder AAC Bitstream. The original download site for this software is : <http://c-ares.haxx.se/>. This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

alsa (1.0.24.1)

Advanced Linux Sound Architecture (ALSA). The original download site for this software is : <http://www.alsa-project.org>. This piece of software is made available under the terms and conditions of the LGPL 2.0.1, which can be found below.

appweb (4.3.5)

The original download site for this software is : <http://www.appwebserver.org/>. This piece of software is made available under the terms and conditions of the GPL 2.0, which can be found below.

atf (1.3)

Arm-Trusted-Firmware. The original download site for this software is : <https://github.com/ARM-software/arm-trusted-firmware>. This piece of software is made available under the terms and conditions of the BSD, which can be found below.

bash (3.2.48)

The shell, or command language interpreter. The original download site for this software is : <http://www.gnu.org/software/bash/>. This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

bluetooth_mw (1.0)

BT Stack. The original download site for this software is : <https://android.googlesource.com/platform/syste>

m/bt .This piece of software is made available under the terms and conditions of the Apache 2.0 license, which can be found below.

bluetooth_stack (1.0)

BT 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 2.0 license, which can be found below.

bluetooth_tool (1.0)

BT 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 2.0 license, which can be found below.

boost (1.15.0)

Mainly use for encfs. The original download site for this software is : <http://www.boost.org/> .This piece of software is made available under the terms and conditions of the Boost Software License - Version 1.0, which can be found below.

busybox (1.15.3)

BusyBox combines tiny versions of many common UNIX utilities into a single small executable. The original download site for this software is : <http://www.busybox.net/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

c-ares (1.12.0)

c-ares is a C library that performs DNS requests and name resolves asynchronously. The original download site for this software is : <http://c-ares.haxx.se/> .This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

cJSON (1.7.7)

The original download site for this software is : <http://sourceforge.net/projects/cjson> .This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

coreutils (6.9)

Command like cp dd cat chroot. The original download site for this software is : <http://www.gnu.org/software/coreutils/> .This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

libcurl (7.59.0)

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 NOTICECopyright (c) 1996 - 2010, Daniel Stenberg, daniel@haxx.se.All rights reserved.Permission to use, copy, modify, and distribute this software for any purposewith or without fee is hereby granted, provided that the above copyrightnotice 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. INNO 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 dealingsin this Software without prior written authorization of the copyright holder.

dfb (1.5.3)

The original download site for this software is : <http://www.directfb.org> .This piece of software is made available under the terms and conditions of the LGPL 2.0 license, which can be found below.

dibbler (1.0.1)

Dibbler is for implement dhcpv6 client. The original download site for this software is : <http://klub.com.pl/dhcpv6/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

dosfstools (2.9)

Create an MS-DOS file system under Linux. The original download site for this software is : <http://daniel-baumann.ch/files/software/dosfstools> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

e2fsprogs (1.41.14)

The original download site for this software is : <http://e2fsprogs.sourceforge.net> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

electric-fence (2.1.13)

Used for memory corruption detection. The original download site for this software is : http://perens.com/FreeSoftware/ElectricFence/electric-fence_2.1.13-0.1.tar.gz .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

encfs (1.3.2)

Use to encrypt file or dir. The original download site for this software is : <http://www.arg0.net/encfs> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

expat (2.1.0)

Xml paser; Expat is an XML parser library written in C. It is a stream-oriented parser in which an application registers handlers for things the parser might find in the XML document (like start tags). An introductory article on using .The original download site for this software is : <http://expat.sourceforge.net/> .

findutils (4.2.31)

The original download site for this software is : <http://www.gnu.org/software/findutils/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

freetype (2.7.1)

FreeType 2 is a software font engine that is designed to be small, efficient, highly customizable, and portable while capable of producing high-quality output (glyph images). The original download site for this software is : <http://freetype.sourceforge.net> .

fuse (2.8.4)

Fuse is a simple interface for userspace programs to export a virtual filesystem to the linux kernel. The original download site for this software is : <http://sourceforge.net/projects/fuse> .This piece of software is made available under the terms and conditions of the GPL 2.0/LGPLv2 license, which can be found below.

fusion (8.7.0)

The original download site for this software is : <https://www.openhub.net/p/linuxfusion> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

gawk (3.1.5)

The original download site for this software is : <http://www.gnu.org/software/gawk/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

gdisk (0.8.1)

The original download site for this software is : <http://www.rodsbooks.com/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

glibc (2.18)

The original download site for this software is : <http://www.gnu.org/software/libc> .This piece of software is made available under the terms and conditions of the LGPL 2.0.1 license, which can be found below.

googletest (1.7.0)

The original download site for this software is : <https://github.com/google/googletest> .This piece of software is made available under the terms and conditions of the BSD-3 license, which can be found below.

grep (2.5.1a)

The original download site for this software is : <http://www.gnu.org/software/grep/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

gzip (1.3.12)

The original download site for this software is : <http://www.gnu.org/software/gzip/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

harfbuzz (1.4.2)

Libpng, a text shaping library. The original download site for this software is : <http://harfbuzz.org/> .This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

icu (51.1)

ICU is a mature, widely used set of C/C++ and Java libraries providing Unicode and Globalization support for software applications. The original download site for this software is : <http://site.icu-project.org> .This piece of software is made available under the terms and conditions of the BSD license, which can be found below.

inetutils (1.4.2)

The original download site for this software is : <http://www.gnu.org/software/inetutils/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

iptables (1.4.15)

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 IPv4. 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 GPL 2.0.

iputils (s20101006)

Set of small useful utilities for Linux networking. The original download site for this software is : <http://www.skbuff.net/iputils/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

jansson (2.4)

set of small useful utilities for Linux networking. The original download site for this software is : <http://www.digip.org/jansson/> .This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

jpeg (6b)

The 'libjpeg' library used for jpeg image decode. The original download site for this software is : <http://www.ijg.org/> .This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

jsonrpc (2.0)

Jsonrpc implements the parsing and validation of the jsonrpc/2.0 request before handing it over to user-defined methods. The original download site for this software is : <https://github.com/pijyoi/jsonrpc> .This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

libdwarf

Libdwarf is a library and a set of command-line tools for reading and writing DWARF2 and later debugging information. Libdwarf handles the details of the actual format so coders can focus on the content. The original download site for this software is : <https://sourceforge.net/projects/libdwarf/> .This piece of software is made available under the terms and conditions of the LGPL v2.1 license, which can be found below.

libelf (0.8.1.3)

The original download site for this software is : <http://www.mr511.de/software/> .This piece of software is made available under the terms and conditions of the LGPL v2 license, which can be found below.

libiconv (1.11.1)

GNU libiconv is a conversion library. To convert between a given text encoding and the users

encoding, or to convert between internal string representation (Unicode) and external string representation (a traditional encoding). The original download site for this software is : <http://www.gnu.org/software/libiconv> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

libnl (v3.2.29)

The original download site for this software is : <http://www.infradead.org/~tgr/libnl/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

libusb (1.0.9)

The original download site for this software is : <http://libusb.sourceforge.net/> .This piece of software is made available under the terms and conditions of the LGPLv2.1 license, which can be found below.

libuv (libuv-v1.20.3)

The original download site for this software is : <https://libuv.org> .This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

libwebsockets (3.0)

The original download site for this software is : <https://libwebsockets.org/> .This piece of software is made available under the terms and conditions of the LGPL 2.1 license, which can be found below.

libxml2 (2.7.8)

Libxml2 is the XML C parser and toolkit developed for the Gnome project. The original download site for this software is : <http://www.xmlsoft.org/> .This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

lighttpd (1.4.35)

The original download site for this software is : <http://www.lighttpd.net/download/> .This piece of software is made available under the terms and conditions of the BSD license, which can be found below.

liveMedia (2011.06.12)

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 LGPLv2.1 license, which can be found below.

lvm2 (2.02.89)

The original download site for this software is : <ftp://sources.redhat.com/pub/lvm2/releases/> .This piece of software is made available under the terms and conditions of the GPL 2.0/LGPLv2.1 license,

which can be found below.

lz4 (1.8.1.2)

The original download site for this software is : lz4.github.io/lz4/ .This piece of software is made available under the terms and conditions of the BSD license, which can be found below.

lzma (4.65)

The original download site for this software is : <http://www.7-zip.org/sdk.html/> .

mng (1.0.10)

Libmng -THE reference library for reading, displaying, writing and examining Multiple-Image Network Graphics.MNG is the animation extension to the popular PNG image-format. The original download site for this software is : <http://sourceforge.net/projects/libmng/files/> .This piece of software is made available under the terms and conditions of the BSD license, which can be found below.

module-init-tools (3.12)

Linux userspace module loading utilities. The original download site for this software is : https://modules.wiki.kernel.org/index.php/Main_Page .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

mtp (1.1.6)

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 LGPLv2.1 license, which can be found below.

ncurses (5.7)

Provide character terminal processing library. The original download site for this software is : <http://www.gnu.org/software/ncurses/> .This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

net-tools (1.60)

A program contains network command. The original download site for this software is : <http://www.linuxfromscratch.org/blfs/view/6.3/basicnet/net-tools.html> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

nghttp2 (1.21.1)

nghttp2 is an implementation of Hypertext Transfer Protocol version 2 in C. The original download site for this software is : <http://nghttp2.org> .This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

ntfs-3g (2010.5.22)

ntfs-3g-1.5012.tgz/ntfs-3g-1.5012/libntfs-3g/attrib.c. The original download site for this software is : <http://www.tuxera.com/community/ntfs-3g-download/> .This piece of software is made available under the terms and conditions of the GPL 2.0/LGPLv2 license, which can be found below.

ntfsprogs (2.0.0)

C runtime library. The original download site for this software is : <http://sourceforge.net/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

ogg (1.3.2)

Libogg: a library for audiomixer, that can provide audio mixer. The original download site for this software is : <http://www.vorbis.com> .This piece of software is made available under the terms and conditions of the BSD license, which can be found below.

openh264 (1.7.0)

Openh264 is a codec library which supports H.264 encoding and decoding. It is suitable for use in real time applications such as WebRTC. The original download site for this software is :<http://www.openh264.org> .This piece of software is made available under the terms and conditions of the BSD license, which can be found below.

openssh (6.3p1)

Openssh is secure shell protocol version. The original download site for this software is : <ftp://ftp.openbsd.org/pub/OpenBSD/OpenSSH/portable/openssh-6.3p1.tar.gz> .This piece of software is made available under the terms and conditions of the BSD license, which can be found below.

openssl (1.0.2g)

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png (1.2.43)

libpng -THE reference library for reading, displaying, writing and examining png Image Network Graphics. The original download site for this software is : <http://sourceforge.net/projects/libpng/files/> .This piece of software is made available under the terms and conditions of the BSD license, which can be found below.

popt (1.16)

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procmem (2.0)

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procps (3.2.8)

Command for watch system process. The original download site for this software is : <http://procps.sourceforge.net/index.html> .This piece of software is made available under the terms and conditions of the LGPLv2 license, which can be found below.

procrank (2.0)

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psmisc (22.13)

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python (2.7.9)

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qrencode (3.4.2)

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rlog (1.4)

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rng-tools (5)

The original download site for this software is : <http://sourceforge.net/projects/gkernel/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

samba (3.0.37)

Samba is the standard Windows interoperability suite of programs for Linux and Unix. The original download site for this software is : <http://www.samba.org/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

sawman (1.5.3)

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sed (4.1.5)

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simple-mtpfs (0.2)

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sqlite (3.8.4.3)

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sqlite3 (3.7.2)

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tar (1.17)

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thttpd (2.25b)

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www.landley.net/toybox/downloads/toybox-0.4.0.tar.bz2 .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

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uboot (2011.12)

The uboot will load the linux kernel to dram, and jump to run . The original download site for this software is :
<http://www.denx.de> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

udhcp (0.9.9-pre)

Terminal device as a DHCP client. The original download site for this software is : <http://udhcp.sourceforge.com/downloads/0.9.8cvs20050303-3/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

unicode (3.2)

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uriparser (0.7.7)

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util-linux-ng (2.18)

util-linux is a random collection of Linux utilities. The original download site for this software is :
<http://userweb.kernel.org/~kzak/util-linux-ng/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

webp (0.2.1)

libwebp: a library for browser, that can improve the performance of downloading image webp.txt's directory http://teams.mediatek.inc/dtv/SSD/SS3/Task%20Forces/Forms/AllItems.aspx?RootFolder=%2fdtv%2fSSD%2fSS3%2fTask%20Forces%2f3rd%20party%20list%2fLicense_Texts&FolderCTID=&View=%7b4DF37793-E07B-481C-BBFC-CD139C18D384%7d .The original download site for this software is :
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wget (1.10.2)

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wireless_tools (v29)

The original download site for this software is : http://www.hpl.hp.com/personal/Jean_Tourrilhes/Linux/Tools.html .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

wpa_supplicant (v0.8(wext)/v2.3(cfg80211))

Library used by legacy HAL to talk to wpa_supplicant daemon.The original download site for this software is : https://w1.fi/wpa_supplicant/ .This piece of software is made available under the terms and conditions of the LGPLv2.1 license, which can be found below.

xerces (3.1.1)

C runtime library. The original download site for this software is : <http://xerces.apache.org/> .This piece of software is made available under the terms and conditions of the Apache License Version 2.0, which can be found below.

zlib(1.2.3)

The 'zlib' compression library provides in-memory compression and decompression functions, including integrity checks of the uncompressed data. The original download site for this software is :
<http://www.zlib.net/> .

Hue SDK (1.8.1)

TV ambihue app uses Philips SDK to find the hue bridge nameThe 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.
Third-party licenses

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Copyright FAQ =====

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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

URL: <http://curl.haxx.se/>

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

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google-glog's symbolization library
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LevelDB: A Fast Persistent Key-Value Store
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The library to input, validate, and display addresses.

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A "png_get_copyright" function is available, for convenient use in "about"

boxes and the like:

```
printf("%s", png_get_copyright(NULL));
```

Also, the PNG logo (in PNG format, of course) is supplied in the files "pngbar.png.jpg" and "pngbar.jpg (88x31)" and "pngnow.png.jpg" (98x31).

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Glenn Randers-Pehrson
glennrp at users.sourceforge.net
November 12, 2015

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

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linux-syscall-support

URL: <http://code.google.com/p/linux-syscall-support/>

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LZ4 Library

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That's all there is to it!

modp base64 decoder

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

* MODP_B64 - High performance base64
encoder/decoder

* Version 1.3 -- 17-Mar-2006

* <http://modp.com/release/base64>

*

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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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OpenMAX DL

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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PLY (Python Lex-Yacc)
URL: <http://www.dabeaz.com/ply/ply-3.4.tar.gz>

PLY (Python Lex-Yacc)
Version 3.4

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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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re2 - an efficient, principled regular expression library

URL: <https://github.com/google/re2>

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sfntly

URL: <https://github.com/googlei18n/sfntly>

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Snappy: A fast compressor/decompressor

URL: <http://google.github.io/snappy/>

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x86inc

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

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

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URL: <http://code.google.com/p/v8>

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Guida e supporto

13.1

Risoluzione dei problemi

Accensione e telecomando

Il TV non si accende

- Scollegare il cavo di alimentazione dalla presa. Attendere un minuto e ricollegarlo.
- Controllare che il cavo di alimentazione sia collegato saldamente.

Scricchiolio all'avvio o allo spegnimento

Quando il televisore viene acceso, spento o messo in standby, si sente uno scricchiolio proveniente dallo chassis del televisore. Lo scricchiolio che si avverte è provocato da una normale espansione e contrazione dello chassis del TV man mano che si raffredda e si riscalda. Ciò non influisce sulle prestazioni.

Il TV non risponde al telecomando

Il TV richiede del tempo per l'accensione. In questo lasso di tempo, il TV non risponde ai comandi del telecomando o a quelli del TV. Si tratta di un comportamento normale.

Se il televisore continua a non rispondere al telecomando, verificare se il telecomando funziona tramite la fotocamera di un telefono cellulare. Attivare la modalità fotocamera del telefono e puntare il telecomando verso la lente della fotocamera. Se si preme qualsiasi pulsante del telecomando e si nota uno sfarfallio rosso del sensore nella fotocamera, il telecomando funziona. In tal caso, occorre controllare il televisore.

Se non si nota alcuno sfarfallio, il telecomando potrebbe essere rotto o le batterie esaurite. Questo metodo di verifica del telecomando non è possibile con i telecomandi associati in modalità wireless al televisore.

Il TV torna in standby dopo aver visualizzato la schermata di avvio Philips

Quando il TV è in standby, viene visualizzata una schermata di avvio Philips, quindi il TV torna alla modalità standby. Si tratta di un comportamento normale. Quando si scollega e si ricollega l'alimentazione del TV, la schermata di avvio viene visualizzata alla successiva accensione. Per accendere il televisore quando si trova in modalità standby, premere  sul telecomando o sul televisore.

La spia di standby continua a lampeggiare

Scollegare il cavo di alimentazione dalla presa. Attendere 5 minuti prima di ricollegare il cavo di

alimentazione. Se il lampeggiamento si ripete, rivolgersi al centro di assistenza clienti TV Philips.

Canali

Durante l'installazione non sono stati rilevati canali digitali

Per accertarsi che il televisore supporti DVB-T o DVB-C nel Paese di residenza, vedere le specifiche tecniche.

Accertarsi che tutti i cavi siano adeguatamente collegati e che sia selezionata la rete corretta.

I canali precedentemente sintonizzati non sono visualizzati nell'elenco canali

Controllare che sia stato selezionato l'elenco dei canali corretto.

Immagine

Nessuna immagine/immagine distorta

- Assicurarsi che l'antenna sia correttamente collegata al televisore.
- Assicurarsi di avere selezionato il dispositivo corretto come sorgente di visualizzazione.
- Verificare che il dispositivo esterno o la sorgente siano collegati correttamente.

Audio senza immagini

- Verificare di avere selezionato correttamente le impostazioni delle immagini.

Ricezione dell'antenna scarsa

- Assicurarsi che l'antenna sia correttamente collegata al televisore.
- Altoparlanti, dispositivi audio non collegati a terra, lampade al neon, edifici alti e altri oggetti di grandi dimensioni possono compromettere la qualità della ricezione. Se possibile, provare a migliorare la qualità della ricezione cambiando l'orientamento dell'antenna o allontanando gli apparecchi dal televisore.
- Se la ricezione su un solo canale è di scarsa qualità, sintonizzarlo meglio mediante la sintonia fine.

Scarsa qualità dell'immagine da un dispositivo

- Verificare che il dispositivo sia collegato correttamente.
- Verificare di avere selezionato correttamente le impostazioni delle immagini.

Immagine non adatta allo schermo

Utilizzare un formato immagine diverso.

Posizione dell'immagine non corretta

I segnali delle immagini di alcuni dispositivi non si adattano correttamente allo schermo. Controllare l'uscita del segnale del dispositivo.

Immagine del computer non stabile

Verificare che sul computer siano selezionate una risoluzione e una frequenza di aggiornamento supportate.

Suono

Assenza di audio o audio scarso

Se non viene rilevato alcun segnale audio, il televisore disattiva automaticamente l'uscita audio; ciò non indica un malfunzionamento.

- Controllare di avere selezionato le corrette impostazioni audio.
- Assicurarsi che tutti i cavi siano correttamente collegati.
- Assicurarsi di non avere disattivato l'audio né di avere impostato il volume su zero.
- Assicurarsi che l'uscita audio TV sia collegata all'ingresso audio del sistema Home Theater. L'audio dovrebbe essere emesso dagli altoparlanti HTS.
- Per alcuni dispositivi può essere necessario dover abilitare manualmente l'uscita audio HDMI. Se l'audio HDMI è già abilitato, tuttavia non si sente, provare a cambiare il formato dell'audio digitale del dispositivo in PCM (Pulse Code Modulation). Per le istruzioni, fare riferimento alla documentazione in dotazione con il dispositivo.

Collegamenti

HDMI

- Il supporto dello standard HDCP (High-bandwidth Digital Content Protection) può ritardare il tempo impiegato dal televisore per visualizzare i contenuti trasmessi da un dispositivo HDMI.
- Se il televisore non riconosce il dispositivo HDMI e non viene visualizzata alcuna immagine, provare a selezionare un altro dispositivo, quindi tornare sul dispositivo desiderato.
- Se vi sono interferenze audio intermittenti, assicurarsi che le impostazioni di uscita nel dispositivo HDMI siano corrette.
- Se si utilizza un adattatore HDMI-DVI o un cavo HDMI-DVI, assicurarsi di aver collegato un cavo audio aggiuntivo ad AUDIO IN (solo mini-jack), se disponibile.

EasyLink non funziona

- Assicurarsi che i dispositivi HDMI siano compatibili con lo standard HDMI-CEC. Le funzioni EasyLink si possono utilizzare solo con dispositivi compatibili con HDMI-CEC.

Nessuna icona del volume visualizzata

- Quando si collega un dispositivo audio HDMI-CEC tale comportamento è normale.

Le foto, i video e i file musicali di un dispositivo USB non vengono visualizzati

- Assicurarsi che il dispositivo di memorizzazione USB sia impostato come conforme alla classe della memoria di massa, come descritto nella documentazione del dispositivo stesso.
- Assicurarsi che il dispositivo di memorizzazione USB sia compatibile con il televisore.
- Assicurarsi che i formati dei file audio e delle immagini siano supportati dal televisore.

Riproduzione discontinua dei file USB

- Le prestazioni di trasmissione del dispositivo di memorizzazione USB possono limitare la velocità di trasferimento dei dati sul televisore, causando una riproduzione insoddisfacente.

Wi-Fi, Internet e Bluetooth

Rete Wi-Fi non trovata o distorta

- Eventuali forni a microonde, telefoni DECT o altri dispositivi Wi-Fi 802.11b/g/n/ac nelle vicinanze potrebbero disturbare la rete wireless.
- Verificare che i firewall della rete consentano l'accesso alla connessione wireless del televisore.
- Se la rete wireless non funziona correttamente, provare l'installazione mediante rete cablata.

Internet non funziona

- Se il collegamento al router è corretto, verificare la connessione ad Internet del router stesso.

Il PC e il collegamento a Internet sono lenti

- Per informazioni sulla copertura interna, sulla velocità di trasferimento e altri fattori che influiscono sulla qualità del segnale, consultare il manuale d'uso del router wireless.
- Il router deve disporre di una connessione Internet ad alta velocità (banda larga).

DHCP

- Se la connessione non riesce, verificare l'impostazione DHCP (Dynamic Host Configuration Protocol) del router. DHCP deve essere attivato.

Perdita della connessione Bluetooth

- Luoghi con elevata attività wireless (ad esempio appartamenti con molti router wireless) possono compromettere la qualità del collegamento wireless.

Rete

Rete Wi-Fi non trovata o distorta

- Eventuali forni a microonde, telefoni DECT o altri dispositivi Wi-Fi 802.11b/g/n/ac nelle vicinanze potrebbero disturbare la rete wireless.
- Verificare che i firewall della rete consentano l'accesso alla connessione wireless del televisore.
- Se la rete wireless non funziona correttamente, provare l'installazione mediante rete cablata.

Internet non funziona

- Se il collegamento al router è corretto, verificare la connessione ad Internet del router stesso.

Il PC e il collegamento a Internet sono lenti

- Per informazioni sulla copertura interna, sulla velocità di trasferimento e altri fattori che influiscono sulla qualità del segnale, consultare il manuale d'uso del router wireless.
- Il router deve disporre di una connessione Internet ad alta velocità (banda larga).

DHCP

- Se la connessione non riesce, verificare l'impostazione DHCP (Dynamic Host Configuration Protocol) del router. DHCP deve essere attivato.

Numero di modello e numero di serie del TV

All'utente, verrà chiesto di fornire il numero di modello e di serie del TV. Questi numeri sono riportati sull'etichetta dell'imballo o sulla targhetta sul retro/fondo del TV.

⚠ Avviso

Non tentare di riparare da soli il TV. Ciò potrebbe causare gravi lesioni e danni irreparabili al TV o rendere nulla la garanzia.

13.2

Guida online

Per risolvere eventuali problemi relativi ai televisori Philips, consultare l'assistenza online. È possibile selezionare la lingua desiderata e immettere il numero di modello del prodotto.

Visitare il sito Web www.philips.com/support

Sul sito dell'assistenza è possibile trovare il numero di telefono del servizio di assistenza del proprio Paese, nonché le risposte alle domande più frequenti (FAQ). In alcuni Paesi, è possibile parlare direttamente con uno dei nostri collaboratori o inviare le proprie domande tramite e-mail.

È possibile scaricare il nuovo software o manuale del TV da consultare sul proprio computer.

13.3

Assistenza e riparazione

Per le richieste di assistenza e riparazione, contattare il numero gratuito dell'assistenza clienti del proprio Paese. I nostri tecnici dell'assistenza eseguiranno le necessarie riparazioni.

Il numero di telefono è riportato nella documentazione cartacea in dotazione con il TV. In alternativa, consultare il nostro sito Web www.philips.com/support e selezionare il proprio Paese, se necessario.

Sicurezza e protezione

14.1

Sicurezza

Importante

Prima di utilizzare il TV, leggere attentamente tutte le istruzioni di sicurezza. La garanzia non è valida in caso di danni causati da un utilizzo del TV non conforme alle istruzioni.

Non modificare questa apparecchiatura senza l'autorizzazione del produttore.

Rischio di scosse elettriche o di incendio

- Non esporre il TV a pioggia o acqua. Non posizionare oggetti contenenti liquidi, come i vasi, vicino al TV.
- Nel caso di versamento di liquidi sul o nel TV, staccare immediatamente la presa di corrente.
- Per un controllo del TV prima dell'uso, contattare il centro di assistenza clienti TV Philips.
- Non esporre il TV, il telecomando o le batterie a calore eccessivo. Non collocarli vicino a candele accese, fiamme vive o altre fonti di calore, inclusa la luce diretta del sole.
- Non inserire oggetti nelle fessure di ventilazione o in altre aperture del TV.
- Non collocare oggetti pesanti sul cavo di alimentazione.
- Evitare di esercitare eccessiva pressione sulle spine di alimentazione. Le spine di alimentazione non inserite correttamente possono causare archi elettrici o incendi. Il cavo di alimentazione non deve essere teso quando si gira lo schermo TV.
- Per scollegare il TV dall'alimentazione, staccare la spina del TV. Estrarre sempre il cavo di alimentazione afferrando la spina e non il cavo. Assicurarsi che la spina di alimentazione, il cavo e la presa elettrica siano sempre accessibili.

Rischio di lesioni personali o danni al TV

- Per sollevare e trasportare un TV che pesa più di 25 kg, sono necessarie due persone.
- Se si desidera montare il TV su un supporto, utilizzare solo il supporto fornito. Fissare con cura il supporto al TV.
- Collocare il TV su una superficie piana e liscia in grado di sostenere il peso del TV e del supporto.
- Se il TV viene montato su una parete, assicurarsi che il supporto a parete sia in grado di sostenere il peso.
- TP Vision non si assume alcun tipo di responsabilità per un montaggio errato o che provochi ferite, lesioni personali o danni.
- Alcune parti di questo prodotto sono di vetro. Maneggiare con cura per evitare ferite o danni.

Rischio di danni al TV

Prima di collegare il TV alla presa elettrica, assicurarsi che la tensione corrisponda al valore riportato sul retro del TV. Non collegare mai il TV alla presa elettrica se la tensione è diversa.

Rischi per la stabilità

Una televisione può cadere, causando gravi lesioni personali o morte. Molte lesioni, in particolare ai bambini, possono essere evitate adottando semplici precauzioni, come:

- Assicurarsi SEMPRE che il TV non sporga dal bordo del mobile di supporto.
- Utilizzare SEMPRE armadietti, supporti o metodi di montaggio raccomandati dal produttore della televisione.
- Utilizzare SEMPRE mobili in grado di sostenere in sicurezza la televisione.
- Istruire SEMPRE i bambini sui pericoli dell'arrampicarsi sul mobile per raggiungere la televisione o i suoi comandi.
- Instradare SEMPRE i cavi collegati alla televisione in modo che non possano essere tirati, afferrati o che non ci si possa inciampare.
- NON posizionare mai una televisione in un luogo instabile.
- Non posizionare MAI la televisione su mobili alti (ad esempio, armadi o librerie) senza fissare sia il mobile sia la televisione a un supporto adeguato.
- Non posizionare MAI la televisione su un panno o su altri materiali che possono essere collocati tra la televisione e i mobili di supporto.
- Non posizionare MAI oggetti, come giocattoli e telecomandi, che possano indurre i bambini ad arrampicarsi sulla parte superiore della televisione o dei mobili su cui questa è collocata.

Se la televisione esistente viene conservata e trasferita, si devono applicare le stesse considerazioni

di cui sopra.

Rischi legati alle batterie

- Non ingerire la batteria. Pericolo di ustioni.
- Il telecomando potrebbe contenere una batteria a bottone. Se la batteria a bottone viene ingoiata, può causare gravi ustioni interne in sole 2 ore e portare alla morte.
- Tenere le batterie, nuove e usate, lontano dalla portata dei bambini.
- Se il vano batterie non si chiude, interrompere l'utilizzo del prodotto e tenerlo lontano dalla portata dei bambini.
- Se le batterie vengono ingerite o inserite in qualsiasi parte del corpo, rivolgersi subito a un medico.
- La sostituzione della batteria con una di tipo errato può comportare il rischio di incendio o esplosione.
- Sostituzione di una batteria con una di tipo errato che può annullare gli effetti di un dispositivo di protezione (come nel caso, per esempio, di alcuni tipi di batterie al litio).
- Gettare una batteria nel fuoco o in un forno, comprimerla meccanicamente o tagliarla può comportare il rischio di esplosione.
- Lasciare una batteria in ambienti con temperature estremamente elevate può comportare l'esplosione della stessa o la perdita di liquidi o gas infiammabili.
- Una batteria soggetta a pressione atmosferica estremamente bassa può esplodere o perdere liquidi o gas infiammabili.

Rischio di surriscaldamento

Non installare il TV in uno spazio ristretto. Lasciare uno spazio di almeno 10 cm intorno al TV per consentirne la ventilazione. Assicurarsi che le prese d'aria del TV non siano coperte da tende o altri oggetti.

Temporali

Scollegare il TV dalla presa e dall'antenna quando si avvicina un temporale.
Durante il temporale, non toccare le parti del TV, il cavo di alimentazione o dell'antenna.

Rischio di danni all'udito

Non utilizzare le cuffie a un volume elevato o per intervalli di tempo prolungati.

Basse temperature

Se il TV viene trasportato a temperature inferiori a 5 °C, estrarlo dalla confezione e attendere che raggiunga la temperatura ambiente prima di collegarlo alla presa elettrica.

Umidità

In rare occasioni, a seconda dell'umidità e della temperatura, si può creare una piccola quantità di condensa all'interno della parte anteriore del TV in vetro. Per evitare una situazione di questo tipo, non esporre il TV alla luce diretta del sole, a calore o umidità elevata. L'eventuale condensa scompare spontaneamente dopo alcune ore di funzionamento.

La condensa non provoca alcun danno né causa malfunzionamenti del TV.

14.2

Protezione dello schermo

- Non toccare, spingere, strofinare o colpire lo schermo con oggetti di qualsiasi tipo.
- Prima di pulire lo schermo, scollegare il TV.
- Pulire delicatamente il TV e la struttura con un panno morbido e umido. Non usare sostanze come alcol, prodotti chimici o detergenti sul TV.
- Per evitare deformazioni e scolorimenti, asciugare tempestivamente eventuali gocce d'acqua.
- Evitare di visualizzare immagini fisse per molto tempo, poiché possono creare una persistenza e rimanere visibili anche quando si guarda un'altra immagine. Le immagini fisse includono menu a video, bande nere, visualizzazioni dell'orario e così via. Se è necessario utilizzare immagini fisse, ridurre il contrasto e la luminosità per evitare danni allo schermo.

14.3

APPARECCHIO PER STRUTTURA SANITARIA

Se questo TV è destinato all'uso per l'intrattenimento in ospedali, case di cura, centri medici o strutture sanitarie simili in cui l'installazione è limitata a un'area non pericolosa, deve essere montato a parete o a

soffitto.

Non è destinato all'uso in aree di terapia intensiva in cui i pazienti sono trattati con un conduttore elettrico esterno, come una sonda, un catetere

o un altro elettrodo, collegato al cuore; tuttavia, l'apparecchio verrà a contatto con un paziente durante la permanenza in una struttura sanitaria.

14.4

Dichiarazione di esposizione alle radiazioni (solo per Wi-Fi integrato)

Questo apparecchio è conforme ai limiti di esposizione alle radiazioni stabiliti dalle norme CE per gli ambienti non controllati. Questo apparecchio deve essere installato e utilizzato a una distanza minima di 20 cm tra il radiatore e il corpo.

La frequenza, la modalità e la potenza massima trasmessa nell'UE sono elencate di seguito:

- 2400 - 2483,5 MHz: < 20 dBm (EIRP) solo per prodotto 2,4G.
- 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)

Termini di utilizzo

15.1

Termini di utilizzo – Televisore

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La documentazione scritta allegata al televisore e il manuale disponibile nella memoria del televisore o scaricato dal sito Web

Philips www.philips.com/support sono da ritenersi adeguati per l'utilizzo previsto del sistema.

Le informazioni contenute nel presente manuale sono da ritenersi adeguate per l'utilizzo consentito del sistema. Se il prodotto, o singoli moduli o procedure, vengono utilizzati per scopi diversi da quelli specificati in questo manuale, è necessario richiedere conferma della validità e adeguatezza delle informazioni qui riportate. TP Vision garantisce che il materiale stesso non viola alcun brevetto statunitense. Non sono previste ulteriori garanzie, espresse o implicite. TP Vision non può essere ritenuta responsabile di eventuali errori nel contenuto del presente documento, né di possibili problemi derivanti da tale contenuto. Gli errori segnalati a Philips verranno corretti e pubblicati sul sito Web di assistenza Philips il prima possibile.

Condizioni della garanzia: rischio di lesioni, danni al televisore o annullamento di garanzia!

Non tentare mai di riparare il televisore da soli.

Utilizzare esclusivamente il TV e gli accessori consigliati dal produttore. Il simbolo di attenzione posto sul retro del TV indica il rischio di scosse elettriche. Non rimuovere mai la copertura del TV. Contattare sempre l'Assistenza Clienti Philips per manutenzione o riparazione. Il numero di telefono è riportato nella documentazione cartacea in dotazione con il TV. In alternativa, consultare il nostro sito Web www.philips.com/support e selezionare il proprio Paese, se necessario. Eventuali operazioni espressamente vietate in questo manuale e

procedure di regolazione o montaggio non consigliate o autorizzate nel presente manuale invalidano la garanzia.

Caratteristiche dei pixel

Questo prodotto LCD/LED è costituito da un numero elevato di pixel a colori. Sebbene sia dotato di una percentuale di pixel attivi al 99,999% (o in quantità superiore), sullo schermo possono comparire costantemente punti neri o più chiari di luce (di colore rosso, verde o blu). Si tratta di una funzione strutturale del display (entro determinati standard comuni di settore) e non di un malfunzionamento.

Conformità CE

Con la presente, TP Vision Europe B.V. dichiara che questo televisore è conforme ai requisiti essenziali e ad altre disposizioni correlate delle Direttive 2014/53/UE RED), 2009/125/CE (Eco Design) e 2011/65/CE (RoHS).

Conformemente a EMF

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