

Gebruikershandleiding

19HFL5114W/12

PHILIPS

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TV-rondleiding

Professionele modus

Wat u kunt doen

Met de professionele modus AAN hebt u toegang tot een groot aantal expertinstellingen waarmee u de status van de TV geavanceerd kunt regelen of extra functies kunt toevoegen.

Deze modus is bedoeld voor installaties van TV's op plaatsen zoals hotels, cruiseschepen, stadions of andere bedrijfslocaties waar een dergelijke regeling vereist is.

Als u de TV thuis gebruikt, raden wij u aan deze te gebruiken met de professionele modus UIT.

Raadpleeg de Professional-installatiehandleiding voor meer informatie.

Installatie

2.1

Veiligheidsinstructies lezen



Lees voordat u de TV gaat gebruiken eerst de veiligheidsinstructies.

2.2

TV-standaard en wandmontage

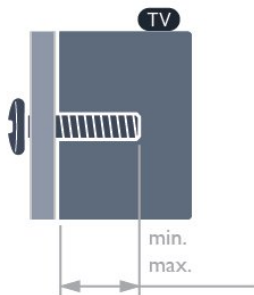
TV-standaard

In de Snelstartgids die wordt geleverd bij de TV, vindt u instructies voor het monteren van de TV-standaard. Bent u deze gids kwijtgeraakt, dan kunt u deze downloaden van www.philips.com.

Gebruik het producttypenummer van de TV om de juiste snelstartgids te downloaden.

Wandmontage

Uw TV is tevens voorbereid voor montage op een VESA-compatibele wandsteun (afzonderlijk verkrijgbaar). Gebruik de juiste VESA-code bij het aanschaffen van de wandsteun. ...



• 19HFL5114W

VESA MIS-F 75x75, M4 (min.: 8 mm, max.: 10 mm)

Let op

Alleen gekwalificeerde technici met de vereiste vaardigheden mogen de TV aan de wand bevestigen. De wandmontage van de TV moet voldoen aan veiligheidsnormen voor TV's in deze gewichtsklasse. Lees ook de veiligheidsvoorschriften voor u de TV bevestigt.

TP Vision Europe B.V. is niet verantwoordelijk voor het incorrect bevestigen of het bevestigen op een manier die leidt tot een ongeluk of verwonding.

2.3

Tips over plaatsing

- Plaats de TV op een plek waar er geen licht op het scherm valt.
- De ideale afstand om TV te kijken bedraagt driemaal het diagonale schermformaat. Als u zit, moeten uw ogen zich op dezelfde hoogte bevinden als het midden van het scherm.

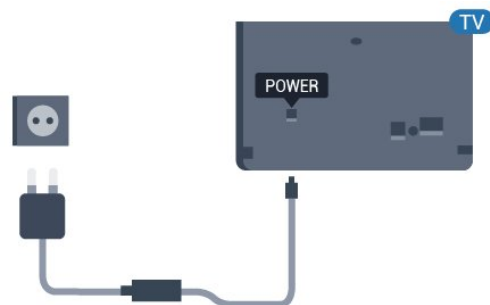
Opmerking:

Plaats de TV uit de buurt van stof producerende apparaten, zoals een fornuis. We raden u aan om regelmatig stof te verwijderen om te voorkomen dat het in de TV komt.

2.4

Netsnoer

- Sluit het netsnoer aan op de voedingsaansluiting aan de achterkant van de TV.
- Zorg ervoor dat het netsnoer stevig in de aansluiting is geplaatst.
- Zorg dat u altijd gemakkelijk bij de stekker in het stopcontact kunt.
- Trek het netsnoer altijd aan de stekker en nooit aan het snoer uit het stopcontact.

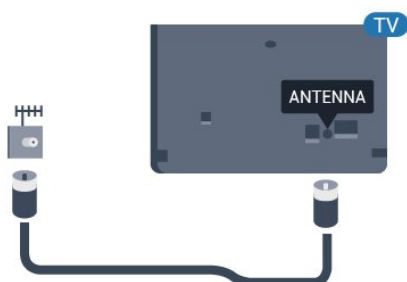


Antennekabel

Sluit de antenne goed aan op de **antenne-ingang** aan de achterkant van de TV.

U kunt uw eigen antenne aansluiten of verbinding maken met een antennesignaal van een antennedistributiesysteem. Gebruik een IEC Coax 75 Ohm RF-antenneaansluiting.

Gebruik deze antenneaansluiting voor DVB-T- en DVB-C-ingangssignalen.



Montage van armsteun

3.1

Montagebeugel

U vindt de instructies voor het monteren van de montagebeugel in de snelstartgids op www.philips.com.

Gebruik het producttypenummer van de TV om de juiste snelstartgids te downloaden.

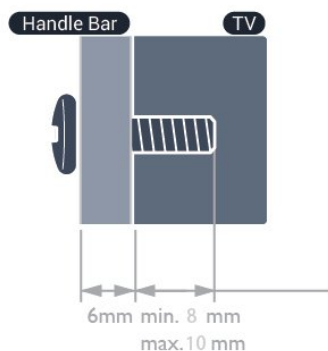
3.2

Montage van armsteun

Uw TV is tevens voorbereid voor montage op een VESA-compatibele armsteun (afzonderlijk verkrijgbaar).

Gebruik de volgende VESA-code bij het aanschaffen van de armsteun. . .

Gebruik om de steun stevig te bevestigen schroeven met de lengte die in de tekening is aangegeven.



- 19HFL5114W – VESA MIS-F 75x75, M4
geïnstalleerd met montagebeugel: (minimaal 14 mm, maximaal 16 mm)
Geïnstalleerd zonder montagebeugel: (minimaal 8 mm, maximaal 10 mm)

Let op

Alleen gekwalificeerde technici met de vereiste vaardigheden mogen de TV aan de armsteun bevestigen. De montage van de TV-armsteun moet voldoen aan de veiligheidsnormen, overeenkomstig het gewicht van de TV. Lees ook de veiligheidsvoorschriften voor u de TV bevestigt. TP Vision Europe B.V. is niet verantwoordelijk voor onjuiste bevestiging of bevestiging op een manier die leidt tot een ongeluk of verwonding.

Opmerking

Verwijder de VESA-schroeven aan de achterzijde van het scherm voordat u de TV op de arm bevestigt.

Waarschuwing

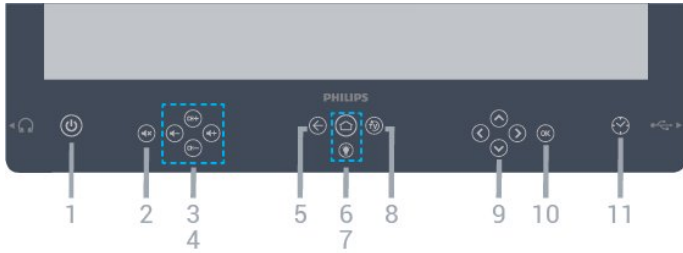
Volg alle instructies die bij de TV-steun zijn geleverd. TP Vision Europe B.V. is niet aansprakelijk voor ongelukken, letsel of schade als gevolg van ondeskundige bevestiging van de TV.

Om schade aan kabels en aansluitingen te voorkomen, moet u een ruimte van ten minste 5,5 cm vrijlaten aan de achterkant van de TV.

Zoek de juiste lengte van de schroef voordat u de TV op de arm bevestigt. Om de lengte van de schroef te bepalen, telt u de dikte van de armbevestiging op bij de schroeflengte.

Toetsen van de TV

Gebruik het toetsenblok aan de voorzijde om het scherm te bedienen. Het toetsenblok bestaat uit de volgende toetsen:



- 1 Voeding: Hiermee schakelt u de TV of de stand-bystand in.
- 2 Dempen: Hiermee dempt u het geluid of schakelt u het weer in.
3. Zender CH+/-: Hiermee schakelt u naar de volgende of vorige zender in de zenderlijst.
4. Volume : Hiermee past u het volumeniveau aan.
5. Terug: Hiermee schakelt u terug naar de vorige zender. Hiermee gaat u terug naar het vorige menu.
6. Home : Hiermee opent u het Hoofdmenu.
7. Helderheid: Hiermee stelt u het helderheidsniveau van de lamp aan de onderkant van de TV in.
8. Sluiten: Hiermee kunt u weer televisiekijken.
9. Pijl-/navigatietoetsen: U navigeert met omlaag, met , naar links of rechts .
10. OK: Hiermee bevestigt u een selectie of instelling.
11. Klok: De huidige tijd weergeven. De wekker aanpassen.

In- en uitschakelen

5.1

Ingeschakeld of stand-by

Zorg ervoor dat de TV is aangesloten op de netspanning. Sluit het meegeleverde netsnoer aan op de AC in-aansluiting aan de achterkant van de TV.




Inschakelen

Druk op  om de TV in te schakelen.

Overschakelen naar stand-by

Zet de TV in de stand-bymodus als u de TV niet gebruikt.

Als u de TV op stand-by wilt zetten, drukt u op  op de TV.

In de stand-bystand blijft de TV aangesloten op de netspanning, maar is het energieverbruik heel laag.

Om de TV volledig uit te schakelen, haalt u de stekker uit het stopcontact.

Wanneer u de stekker uit het stopcontact haalt, dient u altijd aan de stekker zelf te trekken en niet aan het snoer. Zorg dat u altijd gemakkelijk bij de stekker, het netsnoer en het stopcontact kunt.

Gebruik de voedingsadapter die bij uw TV is geleverd.

Merk: FSP

-model: FSP065M-DHA (uitgang: 12 V DC, max. 5,42 A)

Specificaties

6.1

Milieu

Productinformatie

19HFL5114W

- Energieklasse: A
- Zichtbare schermgrootte: 47 cm / 19 inch
- Stroomverbruik wanneer ingeschakeld (W): 15 W
- Jaarlijks energieverbruik (kWh)*: 22 kWh
- Stroomverbruik in stand-by (W)**: 0,5 W
- Schermresolutie (pixels): 1366 x 768p
- Verbuik: 12 VDC, max. 24 W

*Energieverbruik in kWh per jaar, op basis van het stroomverbruik van de televisie als deze 4 uur per dag, 365 dagen per jaar is ingeschakeld. Het werkelijke energieverbruik hangt af van hoe de televisie wordt gebruikt.

- EPREL-registratienummer: 341539

Einde levensduur

Oude producten en batterijen weggooien

Uw product is vervaardigd van kwalitatief hoogwaardige materialen en onderdelen, die kunnen worden gerecycled en opnieuw gebruikt.



Als u op uw product een doorstreepte afvalcontainer op wieltjes ziet, betekent dit dat het product valt onder de EU-richtlijn 2012/19/EU.



Win inlichtingen in over de manier waarop elektrische en elektronische producten in uw regio gescheiden worden ingezameld.

Neem bij de verwijdering van oude producten de lokale wetgeving in acht en plaats uw producten niet bij het gewone huishoudelijke afval. Als u oude producten correct verwijderd, voorkomt u schadelijke gevolgen voor het milieu en de volksgezondheid.

Uw product bevat batterijen die, overeenkomstig de Europese richtlijn 2006/66/EG, niet bij het gewone huishoudelijke afval mogen worden weggegooid.



Win informatie in over de lokale wetgeving omtrent de gescheiden inzameling van batterijen. Door u op de juiste wijze van de batterijen te ontdoen, voorkomt u negatieve gevolgen voor het milieu en de volksgezondheid.

6.2

Besturingssysteem

Android OS:

Android Pie 9

6.3

Schermtyp

Schermdiameter

- 47 cm / 19 inch

Schermsresolutie

- 1366 x 768

6.4

Schermsresolutie

Videoformaten

Resolutie - vernieuwingsfrequentie

- 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

Computerformaten

Mogelijke resoluties:

- 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

Connectiviteit

Achterkant TV

- HDMI-ingang -ARC - Ultra HD
- Antenne (75 ohm)
- LAN-netwerk: RJ45
- 8 Ω Uitgang naar de badkamer
- RJ-48-dataconnector

Zijkant TV

- USB - USB 2.0
- Hoofdtelefoon: stereomini-aansluiting van 3,5 mm

Afmetingen en gewicht

19HFL5114W

- zonder TV-standaard:

Breedte 468,8 mm - Hoogte 326,4 mm - Diepte 38,9 mm - Gewicht \pm 3,35 kg

- met TV-standaard:

Breedte 468,8 mm - Hoogte 370,2 mm - Diepte 44,9 mm - Gewicht \pm 3,65 kg

Geluid

- Uitgangsvermogen (RMS): 5 W (2,5 W x 2)
- Dolby Audio
- DTS HD

Apparaten aansluiten

Apparaten aansluiten

Connectiviteitsgids

Sluit apparaten altijd aan op de TV met de kwalitatief beste aansluiting. Gebruik kabels van goede kwaliteit voor een goede overdracht van beeld en geluid.

Wanneer u een apparaat aansluit, herkent de TV het type en geeft de TV elk apparaat de juiste typenaam. U kunt de typenaam wijzigen als u dat wilt. Als voor een apparaat een juiste typenaam is ingesteld, schakelt de TV automatisch over naar de ideale TV-instellingen wanneer u in het menu Bronnen dit apparaat selecteert.




Antennepoort


Hebt u een Settopbox (een digitale ontvanger) of recorder, sluit dan de antennekabels zo aan dat het antennesignaal via de Settopbox en/of recorder naar de TV gaat. Zo kunnen via de antenne en de Settopbox eventueel extra zenders naar de recorder worden gezonden en opgenomen.

HDMI-poorten

Apparaten bedienen

Wilt u een apparaat bedienen dat is aangesloten op HDMI en is geconfigureerd met EasyLink? Selecteer het apparaat, of de activiteit ervan, in de lijst TV-aansluitingen.

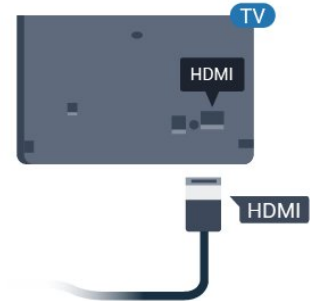
Professionele modus UIT – Druk op  Home, selecteer  Apps, selecteer  **BRONNEN**. Kies een apparaat dat is verbonden met een HDMI-aansluiting en druk op **OK**.

Professionele modus AAN – Druk op  Home, selecteer  **TV**, selecteer  **Bronnen**. Kies een apparaat dat is verbonden met een HDMI-aansluiting en druk op **OK**.

HDMI-kwaliteit

Een HDMI-aansluiting biedt de beste beeld- en geluidskwaliteit. In een HDMI-kabel worden video- en audiosignalen gecombineerd. Gebruik een HDMI-kabel voor TV-sigitaal.

Gebruik voor de beste signaaloverdracht een High Speed HDMI-kabel die niet langer is dan 5 meter.



Kopieerbeveiliging

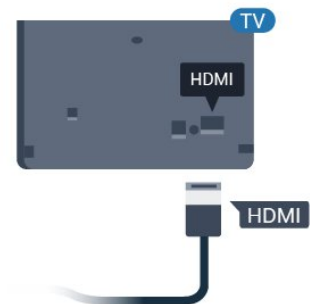
HDMI-kabels ondersteunen HDCP (High-bandwidth Digital Content Protection). HDCP is een signaal voor kopieerbeveiliging om te voorkomen dat inhoud van een DVD of Blu-ray Disc wordt gekopieerd. Dit wordt ook wel DRM (Digital Rights Management) genoemd.

HDMI ARC

Alle HDMI-aansluitingen op de TV beschikken over **HDMI ARC** (Audio Return Channel).

Als het apparaat, doorgaans een home cinema-systeem (HTS), ook beschikt over de HDMI ARC-aansluiting, kunt u het aansluiten op elke willekeurige HDMI-aansluiting van deze TV. Met de HDMI ARC-aansluiting hoeft u niet de extra audiokabel aan te sluiten om het geluid van het TV-beeld via het HTS af te spelen. De HDMI ARC-aansluiting brengt zowel het beeld als het geluid over.

U kunt het home cinema-systeem (HTS) op elke HDMI-aansluiting van deze TV aansluiten, maar de ARC-aansluiting is maar voor één apparaat tegelijk beschikbaar.

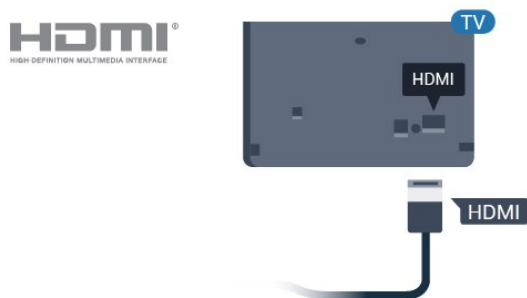


HDMI CEC - EasyLink

Een HDMI-aansluiting biedt de beste beeld- en geluidskwaliteit. In een HDMI-kabel worden video- en audiosignalen gecombineerd. Gebruik een HDMI-kabel voor High Definition (HD) TV-signalen. Gebruik voor de beste signaaloverdracht een High Speed HDMI-kabel die niet langer is dan 5 meter.

Sluit HDMI CEC-compatibele apparaten aan op uw TV.

EasyLink HDMI CEC moet dan zijn ingeschakeld op de TV en het aangesloten apparaat.






Opmerking:

- EasyLink werkt mogelijk niet in combinatie met apparaten van een ander merk.
- De HDMI CEC-functie heeft verschillende namen bij verschillende merken. Enkele voorbeelden: Anynet, Aquos Link, Bravia Theatre Sync, Kuro Link, Simplink en Viera Link. Niet alle merken zijn volledig compatibel met EasyLink. De hier als voorbeeld genoemde HDMI CEC-merknamen zijn eigendom van de respectieve eigenaars.

EasyLink Aan of Uit

U kunt EasyLink aan- of uitzetten. De EasyLink-instellingen zijn op de TV standaard ingeschakeld.

EasyLink volledig uitschakelen...

Professionele modus UIT – Druk op  /  Home (Thuis). Druk op , selecteer **Instellingen** en druk op **OK**.

Selecteer **Bronnen** > **EasyLink** en druk op **OK**.

Selecteer **EasyLink** en druk op **OK**.

Selecteer **Uit** en druk vervolgens op **OK**.

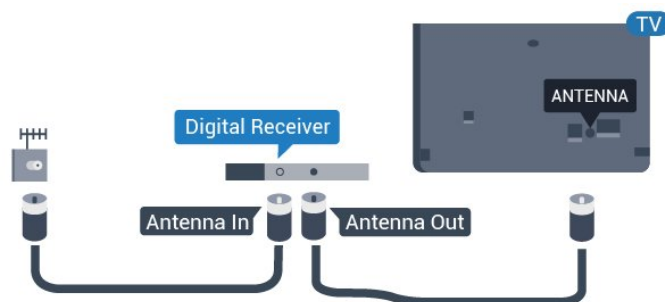
Druk zo nodig enkele malen op  **BACK** om het menu te sluiten.

Professionele modus AAN – Raadpleeg de installatiehandleiding.

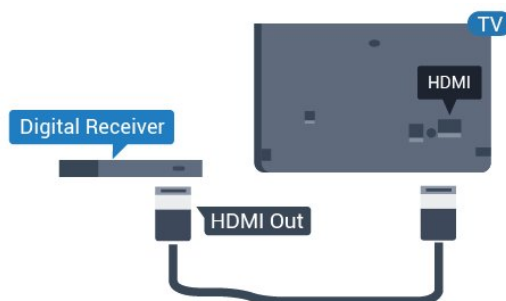
7.2

Ontvanger - Set-top box

Met twee antennekabels sluit u de antenne aan op de set-top box (een digitale ontvanger) en de TV.



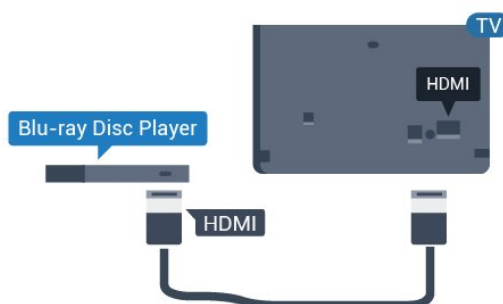
Naast de antenne-aansluitingen zit de HDMI-aansluiting voor het aansluiten van de set-top box op de TV.



7.3


Blu-ray Disc-speler

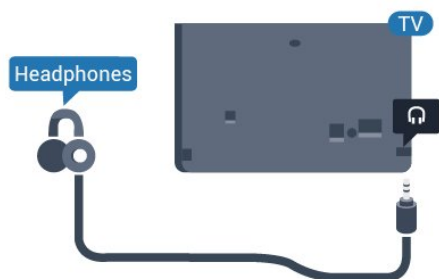
Sluit de Blu-ray Disc-speler met een High Speed HDMI-kabel aan op de TV.



Als de Blu-ray Disc-speler over EasyLink HDMI CEC beschikt.

Hoofdtelefoon

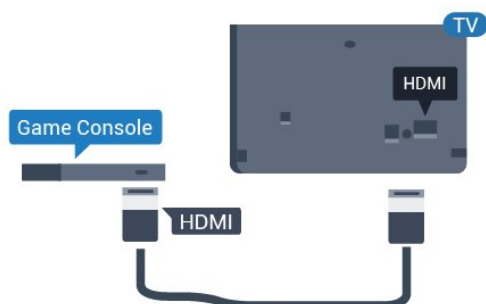
U kunt een hoofdtelefoon aansluiten op de  -aansluiting aan de achterkant van de TV. Dit is een mini-aansluiting van 3,5 mm. Het volume van de hoofdtelefoon kunt u afzonderlijk aanpassen.



Gameconsole

HDMI

Voor de beste kwaliteit sluit u de gameconsole met een High Speed HDMI-kabel aan op de TV.







USB-stick




U kunt foto's bekijken of muziek- en videobestanden afspelen vanaf een aangesloten USB-stick.


Plaats terwijl de TV is ingeschakeld een USB-stick in een van de USB-aansluitingen van de TV.



De TV detecteert de USB-stick en er wordt een lijst met de inhoud ervan geopend.
Als de inhoud niet automatisch wordt weergegeven...

Professionele modus UIT – Druk op  /  Home (Thuis), selecteer  Apps, selecteer  Bronnen. Kies USB en druk op OK.

Professionele modus Aan – Druk op  /  Home (Thuis), selecteer TV-zenders , selecteer  BRONNEN. Kies USB en druk op OK.

Als u niet meer wilt kijken of luisteren naar de inhoud die op de USB-stick staat, drukt u op  of selecteert u een andere activiteit.

Als u de USB-stick wilt loskoppelen, kunt u deze er op elk gewenst moment uit trekken.

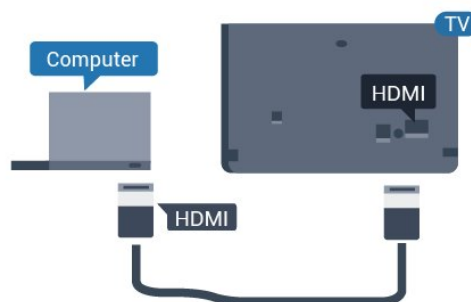
Computer

Aansluiten

U kunt uw computer aansluiten op de TV en de TV als computerscherm gebruiken.

Met HDMI




Sluit de computer aan met een HDMI-kabel.



Ideale instelling

Als u een computer aansluit, adviseren wij u om de aansluiting, waarop de computer is aangesloten, de juiste naam voor het apparaattype te geven in het menu Bron. Als u overschakelt naar Computer in het menu Bronnen, wordt de TV automatisch ingesteld op de ideale computerinstelling.

De TV instellen op de ideale instelling...

Professionele modus UIT – Druk op  /  Home (Thuis). Druk op  (omlaag), selecteer Instellingen en druk op OK.

Selecteer Beeld en druk op  (rechts) om naar het menu te gaan. Selecteer Beeldstijl > Computer en druk op OK.


Selecteer **Aan of Uit** en druk op **OK**.

Druk zo nodig enkele malen op  om het menu te sluiten.

Professionele modus AAN – Druk

op  /  Home

(Thuis) >  Meer > 

Instellingen >  Beeld. Druk op **OK**.

Selecteer **Beeldstijl** > **Computer** en druk op **OK**.

Selecteer **Aan of Uit** en druk op **OK**.

Druk zo nodig enkele malen op  om het menu te sluiten.

(Raadpleeg voor meer informatie over de professionele modus de installatiehandleiding)

Video's, foto's en muziek

8.1

Van een USB-aansluiting

U kunt uw foto's bekijken of uw muziek en video's afspelen vanaf een aangesloten USB-stick of USB-schijf.

Sluit een USB-stick of een USB-schijf op een van de USB-aansluitingen aan terwijl de TV aanstaat. De TV zal het apparaat herkennen en de bestanden worden vervolgens op de TV weergegeven.

Als de lijst met bestanden niet automatisch verschijnt...

- 1 - Druk op Hoofdmenu, selecteer TV-zenders
- 2 - Selecteer USB en druk op OK.
- 3 - U kunt door uw bestanden bladeren in de mappenstructuur die u op de schijf hebt georganiseerd.
- 4 - Om te stoppen met het afspelen van video's, foto's en muziek, drukt u op .

8.2

Uw video's afspelen

Video's afspelen

Videomap openen

- 1 - Druk op / Home (Thuis), selecteer TV-zenders
- 2 - Selecteer USB, selecteer Video's en druk op OK.

Druk om terug te gaan naar de map op .

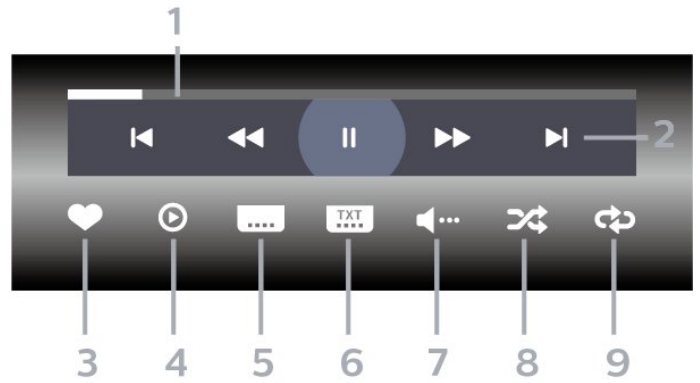
Een video afspelen

- 1 - Druk op / Home (Thuis), selecteer TV-zenders
- 2 - Selecteer USB, selecteer Video's en druk op OK.
- 3 - Selecteer een video.

Om de video tijdelijk te pauzeren, drukt u op OK. Druk nogmaals op OK om het afspelen te hervatten.

Bedieningsbalk

Druk op OK als u de bedieningsbalk wilt weergeven of verbergen terwijl een video wordt afgespeeld.



- 1 - Voortgangsbalk
- 2 - Bedieningsbalk voor afspelen
 - : Ga naar de vorige video in een map
 - : Ga naar de volgende video in een map
 - : Terugspoelen
 - : Vooruitspoelen
 - : Het afspelen onderbreken

- 3 - Als favorieten markeren
- 4 - Alle video's afspelen
- 5 - Ondertiteling: ondertiteling aanzetten, uitzetten of aanzetten zonder geluid
- 6 - Taal ondertiteling: selecteer een ondertiteltaal (niet beschikbaar met de professionele modus AAN (professionele modus ingeschakeld)).
- 7 - Audiotaal: hiermee selecteert u een audiotaal
- 8 - Shuffle: hiermee worden uw bestanden in willekeurige volgorde afgespeeld
- 9 - Herhalen: hiermee kunt u alle video's in deze map eenmaal of telkens opnieuw afspelen

8.3

Uw foto's weergeven

Foto's bekijken

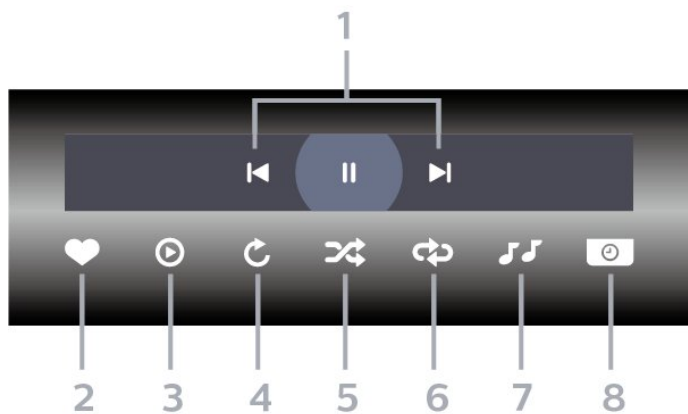
Fotomap openen

- 1 - Druk op / Home (Thuis), selecteer TV-zenders
- 2 - Selecteer USB, selecteer Foto's en druk op OK.

Een foto weergeven

- 1 - Druk op / Home (Thuis), selecteer TV-zenders
- 2 - Selecteer USB, selecteer Foto's en druk op OK.
- 3 - Selecteer Foto's en selecteer een van de foto's.

Bedieningsbalk



- 1 - Bedieningsbalk voor afspelen
- ◀: Ga naar de vorige foto in een map
 - ▶: Ga naar de volgende foto in een map
 - ||: Een diavoorstelling onderbreken

- 2 - Als favorieten markeren
- 3 - Een diapresentatie starten
- 4 - De foto draaien
- 5 - Shuffle: hiermee worden uw bestanden in willekeurige volgorde afgespeeld
- 6 - Herhalen: hiermee kunt u alle foto's in deze map eenmaal of telkens opnieuw bekijken
- 7 - De muziek stoppen die op de achtergrond wordt afgespeeld (niet beschikbaar met de professionele modus AAN)
- 8 - De snelheid van de diapresentatie instellen

360-foto's weergeven

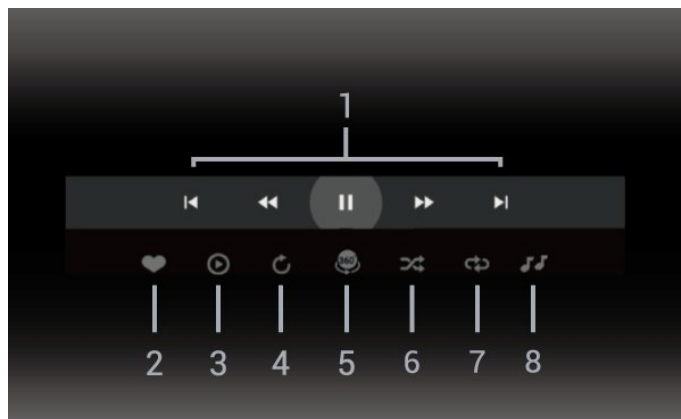
Map 360-foto's openen

- 1 - Druk op / Home (Thuis), selecteer TV-zenders .
- 2 - Selecteer USB-apparaten en druk op (rechts) om het gewenste USB-apparaat te selecteren.
- 3 - Selecteer 360-foto's.

Een 360-foto weergeven

- 1 - Druk op / Home (Thuis), selecteer TV-zenders .
- 2 - Selecteer USB-apparaten en druk op (rechts) om het gewenste USB-apparaat te selecteren.
- 3 - Selecteer 360-foto's en selecteer een van de foto's.

Bedieningsbalk



- 1 - Bedieningsbalk voor afspelen
- ◀: Ga naar de vorige foto in een map
 - ▶: Ga naar de volgende foto in een map
 - ◀◀: Terugspoelen met 2x, 4x, 32x snelheid
 - ▶▶: Vooruitspoelen met 2x, 4x, 32x snelheid
 - ||: Het afspelen onderbreken

- 2 - Als favorieten markeren
- 3 - Eén afspelen / Alles afspelen: speel één foto af of speel alle foto's in deze map af.
- 4 - Handmatige modus / Autom. modus: wanneer de 360-speler wordt gestart, wordt de geselecteerde 360-foto automatisch van links naar rechts gepand (0 tot 360 graden) in 360-weergave.
- 5 - Weergave Kleine planeet: Kleine planeet is een grappige alternatieve weergave van een 360-foto. Wanneer de weergave Kleine planeet wordt gestart, wordt de 360-foto in cirkelvormig formaat weergegeven, zoals een planeet.
- 6 - Shuffle: hiermee worden uw bestanden in willekeurige volgorde afgespeeld.
- 7 - Herhalen: hiermee kunt u alle foto's in deze map eenmaal of telkens opnieuw bekijken.
- 8 - De muziek die op de achtergrond wordt afgespeeld, stoppen.

8.4

Uw muziek afspelen

Muziek afspelen

Muziekmap openen

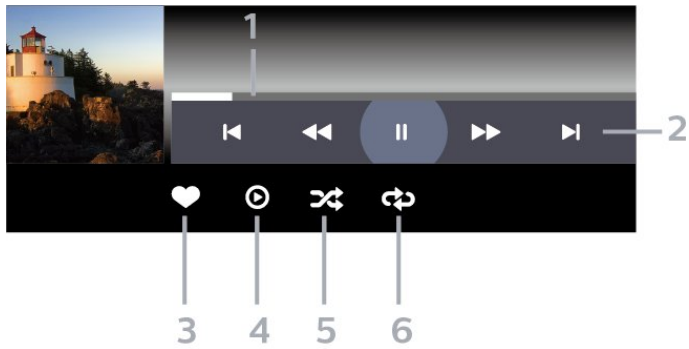
- 1 - Druk op Hoofdmenu, selecteer TV-zenders .
- 2 - Selecteer USB-apparaten, selecteer Muziek en druk op OK.

Muziek afspelen

- 1 - Druk op Hoofdmenu, selecteer TV-zenders .
- 2 - Selecteer USB-apparaten, selecteer Muziek en druk op OK.

3 - Met een classificatie kunt u muziek snel terugvinden: Genres, Artiesten, Albums en Tracks.

Bedieningsbalk



1 - Voortgangsbalk

2 - Bedieningsbalk voor afspelen

- ⏮: Ga naar het vorige nummer in een map

- ⏭: Ga naar het volgende nummer in een map

⏮: Terugspoelen

⏭: Vooruitspoelen

⏸: Het afspelen onderbreken

3 - Als favorieten markeren

4 - Alle muziek afspelen

5 - Shuffle: hiermee worden uw bestanden in willekeurige volgorde afgespeeld

6 - Herhalen: hiermee kunt u alle nummers in deze map eenmaal of telkens opnieuw bekijken

Games

9.1

Een game spelen



Vanaf een gameconsole




Een game starten vanaf een gameconsole...

Schakel de gameconsole in.



Professionele modus UIT – Druk op  /  Home (Thuis), selecteer  Apps. Kies Bronnen en druk op OK.

Start de game.

Druk enkele malen op  BACK of druk op  EXIT of stop de app met de speciale afsluit-/stopknop.


Professionele modus AAN – Druk op  /  Home (Thuis), selecteer TV-zenders  en selecteer een gameconsole of de naam van de verbinding.

Start de game.



Druk enkele malen op  BACK of druk op  EXIT of stop de app met de speciale afsluit-/stopknop.


Via Apps

Een game starten vanuit Game-apps...



Professionele modus Uit – Druk op  /  Home (Thuis), selecteer  Apps en selecteer vervolgens Google Play Games.

Meld u aan bij uw Google-account en start een game.

Druk enkele malen op  BACK of druk op  EXIT of stop de app met de speciale afsluit-/stopknop.

Professionele modus AAN – Druk op  /  Home (Thuis). Selecteer  Games.

Meld u aan bij uw Google-account en start een game.

Druk enkele malen op  BACK of druk op  EXIT of stop de app met de speciale afsluit-/stopknop.

De app Professional Menu

10.1






Over de app Professional Menu

U kunt vanuit de app Professional Menu alle mogelijke opties van de TV starten.

Het linkerdeel van de app Professional Menu is ingedeeld in rijen...

- Aanbevolen 
- TV-zenders 
- Cast 
- Apps 
- Games 
- Meer 

De sectie rechtsboven in de app Professional Menu is ingedeeld in rijen...



- Account beheren
- Berichten  (dit is een optionele functie die afhangt van de interne instellingen van het hotel.)
- Rekening  (dit is een optionele functie die afhangt van de interne instellingen van het hotel.)
- Alarm instellen 
- Weer 
- Menutaal 
- Huidige tijd

10.2

Open de app Professional Menu

Professionele modus UIT - Raadpleeg het hoofdstuk "Hoofdmenu van Android TV".

Professionele modus AAN - Hiermee opent u de app Professional Menu en opent u een item...

- 1 - Open de app Professional Menu door te drukken op de knop Home .
- 2 - Selecteer een activiteit met behulp van de pijltjestoetsen en druk op **OK** om de activiteit te starten.
- 3 - Als u de app Professional Menu wilt afsluiten zonder de huidige activiteit op te slaan, drukt u op .




Als u de app Professional Menu opent, wordt het afspelen van de app/inhoud op de achtergrond gestopt. U moet de app of inhoud selecteren vanuit de app Professional Menu om deze te hervatten.

10.3

TV-zenders

Zenders kijken

Afstemmen op een zender

Als u naar TV-zenders wilt kijken, drukt u op . De TV stemt af op de zender waarnaar u het laatst hebt gekeken.

Overschakelen naar een andere zender

- Druk op **CH +/-** om naar een andere zender over te schakelen.



Vorige zender

- Druk op  **BACK** om terug te gaan naar de zender waarop het laatst was afgestemd.

10.4

Games

Hiermee opent u de app Professional Menu en opent u games...

1 - Druk op  /  Home (Thuis) om de app Professional Menu te openen.

2 - Selecteer **Games**  en druk op **OK**.







Ideale instellingen voor games

Voor sommige games, waarbij snelheid en precisie is vereist, moet u de TV instellen op de ideale **Game**-instelling voordat u begint met gamen. Als uw gameconsole als **Game**apparaat is toegevoegd in het menu Bronnen (lijst met aansluitingen), wordt de TV automatisch ingesteld op

de ideale Game-instelling.

Als het type gameconsole is ingesteld op **Speler** en meestal als cd-speler wordt gebruikt, laat het apparaattype dan op ingesteld op **Speler**.

De TV handmatig op de ideale instelling zetten. . .

- 1 - Selecteer  /  Home (Thuis) >  Meer >  Instellingen >  Beeld > Beeldstijl.
- 2 - Selecteer **Game** en druk op **OK**.
- 3 - Druk zo nodig enkele malen op  om het menu te sluiten. Denk eraan om de instelling 'Game of computer' terug te zetten op Uit als u klaar bent met gamen.

10.5


Professionele instellingen

Beeldstijl

Een stijl selecteren

Druk op  /  Home (Thuis) >  Meer >  Instellingen >  Beeld > Beeldstijl.

U kunt het beeld op eenvoudige wijze aanpassen door een vooraf geprogrammeerde beeldstijl te selecteren.

- Persoonlijk - De beeldvoorkeuren die u hebt ingesteld bij de eerste configuratie.
- Levendig - Ideaal voor TV kijken bij daglicht
- Natuurlijk - Instelling voor natuurlijke beelden
-  Standaard: de meest energiezuinige instelling, fabrieksinstelling
- Films - Zeer geschikt voor het kijken van films
- Game: ideaal voor het spelen van games
- Computer - ideaal voor aansluiting op een computer

Beeldformaat

Selecteer beeldformaat

Als het beeld niet schermvullend wordt weergegeven en zwarte balken aan de boven- of onderkant of aan beide zijden worden weergegeven, kunt u het beeld zo instellen dat dit het hele scherm in beslag neemt.

Een basisinstelling selecteren om het scherm te vullen...

Druk op  /  Home (Thuis) >  Meer >  Instellingen >  Beeldformaat.

De volgende beeldformaten zijn beschikbaar, afhankelijk van het beeld op het scherm.

- Breedbeeld
- Scherm vullen
- Aanpassen aan scherm
- Niet geschaald

Geluidstijl

Een stijl selecteren






Druk op  /  Home (Thuis) >  Meer >  Instellingen >  Geluid > Geluidstijl.

Als u het geluid eenvoudig wilt aanpassen, kunt u met Geluidstijl een vooraf geprogrammeerde instelling selecteren.

- Persoonlijk - uw ingestelde voorkeuren in Beeld en geluid aanpassen
- Origineel: de meest neutrale geluidsinstelling
- Films: zeer geschikt voor het kijken van films
- Muziek: zeer geschikt voor het luisteren naar muziek
- Game: ideaal voor gaming
- Nieuws: ideaal voor spraak

Taal






De taal van het TV-menu en de berichten wijzigen

Druk op  /  Home (Thuis) >  Meer >  Instellingen >  Menutaal.

Selecteer uw taal en druk op **OK**.

Eco-instellingen




Scherminzetten om energieverbruik te verminderen



Druk op  /  Home >  Meer >  Functies >  Sleep timer > Scherm uitzetten.

Als u alleen naar muziek luistert op TV, kunt u het TV-schermin uitschakelen.

Alleen het TV-schermin wordt uitgeschakeld.

Timer voor uitschakelen van de TV instellen

Druk op  /  Home >  Meer >  Functies >  Sleep timer > Sleep timer.

Druk op de pijlen  (omhoog) of  (omlaag) om de waarde aan te passen. Met de waarde 0 (Uit) schakelt u de timer voor automatisch uitschakelen uit.

Als u Timer voor uitschakelen selecteert, wordt de TV automatisch uitgeschakeld om energie te besparen.

* Als u de TV als beeldscherm gebruikt of TV kijkt via een digitale ontvanger (een settopbox - STB), schakelt u het automatisch uitschakelen uit door de waarde in te stellen op 0.

Google-account

Aanmelden

Om optimaal te profiteren van uw Philips Android-TV kunt u zich aanmelden bij Google met uw Google-account.

Door u aan te melden kunt u uw favoriete games spelen via telefoon, tablet en TV. U krijgt ook aangepaste muziek- en video-aanbevelingen op uw TV-startpagina evenals toegang tot YouTube, Google en andere apps.

Gebruik uw bestaande **Google-account** om u aan te melden bij Google op uw TV. Een Google-account bestaat uit een e-mailadres en een wachtwoord. Als u nog geen Google-account hebt, kunt u er een maken met uw computer of tablet (accounts.google.com). Als u zich niet tijdens de eerste TV-installatie aanmeldt, kunt u zich ook later aanmelden.

Aanmelden

Druk op  /  > Open de app Professional Menu.

Kies Account beheren rechtsboven in het scherm van de app Professional Menu en druk op **OK** . Voer met het schermtoetsenbord uw e-mailadres en wachtwoord in en druk op dezelfde **OK**-toets om u aan te melden.

Hoofdmenu van Android TV

Over het hoofdmenu van de Android TV.

Sluit de TV aan op internet als u van de voordelen van uw Android-TV wilt genieten.

Net als op uw Android-smartphone of -tablet is het hoofdmenu het middelpunt van uw TV. Vanuit het Hoofdmenu kunt u beslissen wat u gaat kijken door de opties voor amusement te bekijken in de app en live TV. Uw hoofdmenu bevat zenders zodat u vanuit uw favoriete apps geweldige inhoud kunt ontdekken. U kunt ook andere zenders toevoegen of nieuwe apps zoeken om meer inhoud te vinden.

Open het hoofdmenu van de Android TV

Professionele modus AAN – Raadpleeg de installatiehandleiding.

Professionele modus UIT – Hiermee opent u het hoofdmenu van de Android TV en opent u een item...

1 – Druk op Menu en navigeer naar 'Philips Collection' en druk op OK.

2 – Selecteer een activiteit met behulp van de pijltjestoetsen en druk op **OK** om de activiteit te starten.

3 – Als u het hoofdmenu wilt afsluiten zonder de huidige activiteit op te slaan, drukt u op **←**.



Als u het hoofdmenu van de Android TV opent, wordt het afspelen van de app/inhoud op de achtergrond gestopt. U moet de app of inhoud selecteren in het hoofdmenu van de Android TV om deze te hervatten.

Android TV-instellingen

Beeld

Beeldinstellingen

Beeldstijl

Een stijl selecteren

Druk op / > Instellingen > Beeld > Beeldstijl. U kunt het beeld op eenvoudige wijze aanpassen door een vooraf geprogrammeerde beeldstijl te selecteren.

- Persoonlijk – De beeldvoorkeuren die u hebt ingesteld bij de eerste configuratie.
- Levendig – Ideaal voor TV kijken bij daglicht
- Natuurlijk – Instelling voor natuurlijke beelden
- Standaard: de meest energiezuinige instelling, fabrieksinstelling
- Films – Zeer geschikt voor het kijken van films
- Game: ideaal voor het spelen van games
- Computer – ideaal voor aansluiting op een computer

Kleur, contrast, scherpste, helderheid

De beeldkleur aanpassen

Druk op / Home (Thuis) > Instellingen > Beeld > Kleur.

Druk op de pijltjes (omhoog) of (omlaag) om de kleurverzadiging van het beeld aan te passen.

Het beeldcontrast aanpassen

Druk op / Home (Thuis) > Instellingen > Beeld > Contrast. Druk op de pijltjes (omhoog) of (omlaag) om de contrastwaarde van het beeld aan te passen.

U kunt de contrastwaarde verlagen als u het stroomverbruik wilt doen afnemen.

De beeldscherpte aanpassen

Druk op / Home (Thuis) > Instellingen > Beeld > Scherpste.

Druk op de pijlen (omhoog) of (omlaag) om de scherpte van het beeld aan te passen.

Helderheid aanpassen

Druk op / Home (Thuis) > Instellingen

> Beeld > Helderheid.

Druk op de pijlen ▲ (omhoog) of ▼ (omlaag) als u het helderheidsniveau van het beeldsignaal wilt instellen.




Opmerking: Bij een groot verschil tussen de helderheidswaarde en de referentiewaarde (50) neemt het contrast af.

Geavanceerde beeldinstellingen

Kleurinstellingen

Geavanceerde kleurinstellingen




De kleurverbetering aanpassen

Druk op  /  Home (Thuis) >  Instellingen > Beeld > Geavanceerd > Kleur >

Kleurverbetering.

Selecteer Maximum, Medium of Minimum om het niveau van de kleurintensiteit en de details in heldere kleuren in te stellen.




De vooraf ingestelde kleurtemperatuur selecteren

Druk op  /  Home (Thuis) >  Instellingen > Beeld > Geavanceerd

rd > Kleur > Kleurtemperatuur.

Selecteer Normaal, Warm of Koel om de gewenste kleurtemperatuur in te stellen.

Kleurtemperatuur aanpassen




Druk op  /  Home (Thuis) >  Instellingen > Beeld > Geavanceerd > Kleur > Aangepaste

kleurtemperatuur.

Selecteer Aangepast in het menu Kleurtemperatuur als u een eigen kleurtemperatuur wilt instellen. Druk op de pijlen ▲ (omhoog) of ▼ (omlaag) om de waarde aan te passen. WP is witpunt en BL is zwartniveau. U kunt ook één van de vooraf geprogrammeerde instellingen in dit menu selecteren.

Geavanceerde contrastinstellingen




Contrastmodi

Druk op  /  Home (Thuis) >  Instellingen > Beeld > Geavanceerd >

Contrast > Contrastmodus.

Selecteer Normaal, Geoptimaliseerd voor beelden of Geoptimaliseerd voor energiebesparing als u de TV zo wilt instellen dat het contrast automatisch wordt aangepast voor optimaal beeld of voor optimaal stroomverbruik. Selecteer Uit als u deze aanpassing wilt uitschakelen.




Dynamisch contrast

Druk op  /  Home (Thuis) >  Instellingen > Beeld > Geavanceerd > Contrast > Dynamisch contrast.

Selecteer Maximum, Medium of Minimum als u het niveau wilt instellen waarmee de TV de details automatisch verbetert in donkere, halfdonkere en lichte delen van het beeld.

Videocontrast, Gamma




Videocontrast

Druk op  /  Home (Thuis) >  Instellingen > Beeld > Geavanceerd >

Contrast > Videocontrast.

Druk op de pijlen ▲ (omhoog) of ▼ (omlaag) als u het niveau van het videocontrast wilt aanpassen.

Gamma




Druk op  /  Home (Thuis) >  Instellingen > Beeld > Geavanceerd > Contrast > Gamma.

Druk op de pijlen ▲ (omhoog) of ▼ (omlaag) als u een niet-lineaire instelling voor de helderheid en het contrast van het beeld wilt opgeven.

Geavanceerde scherpte-instellingen

Scherp beeld




Ruisonderdrukking

Druk op  /  Home (Thuis) >  Instellingen > Beeld > Geavanceerd > Scherp beeld > Ruisreductie.

Selecteer Maximum, Medium of Minimum als u het niveau wilt instellen waarop de ruis in video-inhoud wordt verwijderd.

Ruis is voornamelijk zichtbaar als kleine bewegende stippen die op het beeldscherm te zien zijn.

MPEG-artefactreductie





Druk op  /  Home (Thuis) >  Instellingen > Beeld > Geavanceerd > Scherp beeld > MPEG artefactreductie.

Selecteer Maximum, Medium of Minimum voor de mate waarin artefacten in digitale video-inhoud vloeiender worden gemaakt. MPEG-artefacten hebben meestal de vorm van kleine blokjes of kartelranden in het beeld.

Beeldformaat

Als het beeld niet schermvullend wordt weergegeven en zwarte balken aan de boven- of onderkant of aan beide zijden worden weergegeven, kunt u het beeld zo instellen dat dit het hele scherm in beslag neemt.

Een basisinstelling selecteren om het scherm te vullen...

- 1 - Terwijl u naar een TV-zender kijkt, drukt u op  /  Home (Thuis) >  Instellingen > Beeld > Beeldformaat.
- 2 - Selecteer een instelling uit de lijst en druk op OK.
- 3 - Druk zo nodig enkele malen op  BACK om het menu te sluiten.




De volgende beeldformaten zijn beschikbaar . . .

- Breedbeeld
- Scherm vullen
- Aanpassen aan scherm
- Niet geschaald

Geluid

Geluidstijl

Een stijl selecteren




Druk op  /  Home (Thuis) >  Instellingen > Geluid > Geluidstijl.

Als u het geluid eenvoudig wilt aanpassen, kunt u met Geluidstijl een vooraf geprogrammeerde instelling selecteren.

- Persoonlijk - uw ingestelde voorkeuren in Beeld en geluid aanpassen
- Origineel: de meest neutrale geluidsinstelling
- Films: zeer geschikt voor het kijken van films
- Muziek: zeer geschikt voor het luisteren naar muziek
- Game: ideaal voor gaming
- Nieuws: ideaal voor spraak

Geluidsbeheer




Selecteer een apparaat.

Druk op  /  Home (Thuis) >  Instellingen > Geluid > Geluidsbeheer.

De audio-uitvoerapparaten configureren.

- TV-luidsprekers - Stel in of geluid van de TV wordt afgespeeld op de TV of op een aangesloten audiosysteem.
- Hoofdtelefoon-/badkamerluidsprekers - Aan/Uit:
- Vast volume hoofdtelefoon-/badkamerluidsprekers - Indien geactiveerd wordt het volumeniveau van de hoofdtelefoon/badkamerluidspreker standaard aangepast naar de instellingen voor inschakelen.
- Hoofdtelefoondetectie - Aan/Uit.

Plaatsing van de TV




Druk op  /  Home (Thuis) >  Instellingen > Geluid > Plaatsing van de TV.

Selecteer Op een TV-standaard of Aan de muur voor een optimale geluidsreproductie bij de gegeven plaatsing.



Geavanceerd

Eco-instellingen

Sleeptimer

Druk op  /  Home >  Instellingen > Eco-instellingen > Sleeptimer.




Stel de TV zodanig in dat deze na een vooraf ingestelde tijd automatisch overschakelt naar de stand-bymodus. Stel de tijd in op nul om deze functie uit te schakelen.

Druk op de pijlen  (omhoog) of  (omlaag) om de waarde aan te passen. Met de waarde 0 (Uit) schakelt u de timer voor automatisch uitschakelen uit.

Als u Timer voor uitschakelen selecteert, wordt de TV automatisch uitgeschakeld om energie te besparen.

* Als u de TV als beeldscherm gebruikt of TV kijkt via een digitale ontvanger (een settopbox - STB), schakelt u het automatisch uitschakelen uit door de waarde in te stellen op 0.




Schermd uitzetten

Druk op  /  Home >  Instellingen > Eco-instellingen > Scherm uitzetten.

Als u alleen naar muziek luistert op TV, kunt u het TV-schermd uitschakelen. Alleen het TV-schermd wordt uitgeschakeld.

Regio en taal

talen




Druk op  /  Home (Thuis) >  Instellingen > Regio en taal > Talen.

Stel de regio of taalinstellingen in.




- Android-systeem/Menutaal - de taal voor menu's en berichten wijzigen.
- Primaire audio - stel uw eerste voorkeur in voor de audiotaal in uitzendingen.
- Secundaire audio - stel uw volgende voorkeur in voor de audiotaal in uitzendingen.




- Primaire ondertiteling – stel uw eerste voorkeur in voor de audiotaal in uitzendingen.
- Secundaire ondertiteling – stel uw volgende voorkeur in voor de audiotaal in uitzendingen.
- Voorkeurtaal teletekst – stel uw eerste voorkeur in voor Teksttaal in uitzendingen.
- Secundaire tekst – stel uw volgende voorkeur in voor Teksttaal in uitzendingen.

Instellingen voor universele toegang




Druk op  /  Home (Thuis) >  Instellingen > Toegankelijkheid > Universele toegang.

Als Universele toegang is ingeschakeld, is de TV ingesteld voor gebruik voor doven of slechthorenden en blinden of slechtzienden.


Instellingen voor universele toegang inschakelen
Druk op  /  Home (Thuis) >  Instellingen > Toegankelijkheid > Universele toegang > Aan.



Universele toegang voor slechthorenden
Druk op  /  Home (Thuis) >  Instellingen > Toegankelijkheid > Universele toegang > Slechthorenden > Aan.

- Een aantal digitale TV-zenders zenden audio en ondertitels uit die speciaal zijn aangepast voor doven en slechthorenden.
- Als deze optie is ingeschakeld, schakelt de TV automatisch over op de aangepaste audio en ondertiteling, indien beschikbaar.

Universele toegang voor blinden of slechtzienden
Druk op  /  Home (Thuis) >  Instellingen > Toegankelijkheid > Universele toegang > Audiodescriptie > Audiodescriptie > Aan.




Digital TV-zenders zenden soms speciaal audiocommentaar uit dat beschrijft wat er op het scherm gebeurt.

 Instellingen > Toegankelijkheid > Universele toegang > Audiodescriptie > Gemengd volume, Audio-effecten, Spraak.




- Als u Gemengd volume selecteert, kunt u het volume van de normale audio mengen met het audiocommentaar. Druk op de pijlen  (omhoog) of  (omlaag) om de waarde aan te passen.
- Stel Audio-effecten in op Aan voor extra audio-effecten in het audiocommentaar, zoals stereo of wegebbend geluid.
- Selecteer Spraak als u de spraakvoorkeur wilt instellen op Omschrijvend of Ondertiteling.

Inhoudskwalificatie

Waarderingsniveau

Druk op  /  Home (Thuis) >  Instellingen > Inhoudskwalificatie.

U kunt een leeftijdsgrens instellen om te voorkomen dat kinderen naar programma's kijken waarvoor ze te jong zijn. De programma's van sommige digitale zenders hebben een leeftijdsclassificatie meegekregen. Is deze leeftijdsclassificatie hoger dan of gelijk aan de leeftijdsclassificatie die u voor uw kind hebt ingesteld, dan wordt het programma vergrendeld. Om naar een vergrendeld programma te kijken, moet u eerst de code invoeren.

Hiermee stelt u een leeftijdsclassificatie in
Druk op  /  Home (Thuis) >  Instellingen > Inhoudskwalificatie > Waarderingsniveau.




Selecteer de leeftijd en druk op OK. Selecteer Geen als u de leeftijdsclassificatie wilt uitschakelen. In sommige landen bent u echter verplicht om een leeftijdsclassificatie in te stellen.

Code instellen en Code wijzigen

Druk op  /  Home (Thuis) >  Instellingen > Inhoudskwalificatie.

Met de kinderslotcode kunt u zenders of programma's vergrendelen of ontgrendelen.

Nieuwe code instellen of code wijzigen.

Druk op  /  Home (Thuis) >  Instellingen > Inhoudskwalificatie > Code wijzigen.

Opmerking:

Als u uw pincode niet meer weet, kunt u de huidige code overschrijven door **8888** te gebruiken en een nieuwe code in te voeren.

11.4

Uw Android-TV aansluiten

Netwerk en Internet

Thuisnetwerk

Om optimaal te kunnen profiteren van uw Philips Android-TV, moet de TV met internet verbonden zijn.

Verbind de TV met een thuisnetwerk via een snelle internetverbinding. U kunt uw TV met of zonder kabels aansluiten op uw netwerkrouter.

Verbinden met netwerk

Draadloze verbinding

Wat hebt u nodig

Als u de TV draadloos wilt aansluiten op internet, hebt u een Wi-Fi-router met een internetverbinding nodig.

Gebruik een snelle internetverbinding (breedband).



Verbinding maken

Verbinding maken – Draadloos

Druk op / Home (Thuis) > Instellingen > Draadloze netwerken > Verbinden met netwerk > DRAADLOOS.

- 1 – Selecteer uw draadloze netwerk in de lijst met gevonden netwerken. Als uw netwerk zich niet in de lijst bevindt omdat de netwerknaam verborgen is (u hebt de SSID-broadcast van de router ingeschakeld), selecteert u Nieuw netwerk toevoegen en voert u de netwerknaam zelf in.
- 2 – Afhankelijk van uw type router kunt u nu de coderingssleutel (WEP, WPA of WPA2) invoeren. Als u de coderingssleutel voor dit netwerk al eens eerder hebt ingevoerd, selecteert u OK om direct verbinding te maken.
- 3 – Er verschijnt een bericht wanneer de verbinding tot stand is gebracht.

Verbinding maken – WPS

Druk op / Home (Thuis) > Instellingen > Draadloze netwerken > Verbinden met

netwerk > WPS.

Als uw router beschikt over WPS, kunt u direct zonder zoeken verbinding maken met die router. Als apparaten in uw draadloze netwerk gebruikmaken van het WEP-beveiligingssysteem, kunt u WPS niet gebruiken.

- 1 – Ga naar de router, druk op de knop WPS en ga binnen 2 minuten terug naar de TV.
- 2 – Selecteer Aansluiten om de verbinding tot stand te brengen.
- 3 – Er verschijnt een bericht wanneer de verbinding tot stand is gebracht.

Verbinding maken – WPS met pincode

Druk op / Home (Thuis) > Instellingen > Draadloze netwerken > Verbinden met netwerk > WPS MET PINCODE.

Als uw router beschikt over WPS met een pincode, kunt u direct zonder zoeken verbinding maken met die router. Als apparaten in uw draadloze netwerk gebruikmaken van het WEP-beveiligingssysteem, kunt u WPS niet gebruiken.

- 1 – Noteer de 8-cijferige pincode die op het scherm wordt weergegeven, en voer die code in de routersoftware op uw PC in. In de routerhandleiding leest u waar in de routersoftware u de pincode dient op te geven.
- 2 – Selecteer Aansluiten om de verbinding tot stand te brengen.
- 3 – Er verschijnt een bericht wanneer de verbinding tot stand is gebracht.

Problemen

Draadloos netwerk wordt niet gevonden of wordt gestoord

- Magnetrons, DECT-telefoons of andere Wi-Fi 802.11b/g/n-apparaten in de buurt kunnen storing veroorzaken op het draadloze netwerk.
- Controleer of alle firewalls binnen uw netwerk draadloze verbinding met de TV toestaan.
- Als het draadloze thuisnetwerk niet goed werkt, gebruik dan een bekabelde netwerkinstallatie.

Internet werkt niet

- Als de verbinding met de router in orde is, controleert u of de router verbinding heeft met internet.

De PC en de internetverbinding zijn traag

- Raadpleeg de handleiding van uw draadloze router voor informatie over het bereik binnenshuis, de overdrachtssnelheid en andere factoren die de signaalkwaliteit kunnen beïnvloeden.
- Voor uw router is een snelle internetverbinding (breedband) aanbevolen.

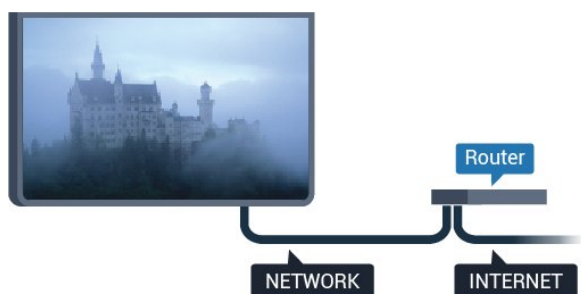
DHCP

• Als er geen verbinding kan worden gemaakt, controleert u de DHCP-instelling van de router. DHCP moet zijn ingeschakeld.

Bekabelde verbinding

Wat hebt u nodig

Als u de TV wilt aansluiten op internet, hebt u een netwerkrouter met een internetverbinding nodig. Gebruik een snelle internetverbinding (breedband).



Verbinding maken

Verbinding maken - Met kabel

Druk op / Home > Instellingen > Draadloze netwerken > Verbinden met netwerk > WIRED.

- 1 - Sluit de router met een netwerkkabel (Ethernet-kabel**) aan op de TV.
- 2 - Controleer of de router is ingeschakeld.
- 3 - De TV zoekt voortdurend naar de netwerkverbinding.
- 4 - Er verschijnt een bericht wanneer de verbinding tot stand is gebracht.

Als er geen verbinding kan worden gemaakt, controleert u de DHCP-instelling van de router. DHCP moet zijn ingeschakeld.

** Om te voldoen aan de EMC-regelgeving dient u een afgeschermd FTP Cat. 5E Ethernetkabel te gebruiken.

Google-account

Aanmelden

Om optimaal te profiteren van uw Philips Android-TV kunt u zich aanmelden bij Google met uw Google-account.

Door u aan te melden kunt u uw favoriete games spelen via telefoon, tablet en TV. U krijgt ook aangepaste muziek- en video-aanbevelingen op uw

TV-startpagina evenals toegang tot YouTube, Google en andere apps.

Gebruik uw bestaande **Google-account** om u aan te melden bij Google op uw TV. Een Google-account bestaat uit een e-mailadres en een wachtwoord. Als u nog geen Google-account hebt, kunt u er een maken met uw computer of tablet (accounts.google.com). Om games te spelen met Google Play hebt u een Google+-profiel nodig. Als u zich niet tijdens de eerste TV-installatie aanmeldt, kunt u zich ook later aanmelden.

Aanmelden

Druk op Home > Apps > Google Play.

Voer met het schermtoetsenbord uw e-mailadres en wachtwoord in en druk op dezelfde OK-toets om u aan te melden.

Android-instellingen

U kunt diverse Android-specifieke instellingen of informatie instellen of bekijken. U kunt de lijst opzoeken met geïnstalleerde apps op uw TV en zien hoeveel ruimte ze nodig hebben. U kunt instellen in welke taal u Voice Search wilt gebruiken. U kunt het toetsenbord op het scherm configureren of apps toestaan om uw locatie te gebruiken. Ontdek de verschillende Android-instellingen. Ga naar www.support.google.com/androidtv voor meer informatie over deze instellingen.

Om deze instellingen te openen...

Druk op / Home (Thuis) > Instellingen > Instellingen > Android-instellingen.

11.5

Zenders

Zenders kijken

Afstemmen op een zender

Als u naar TV-zenders wilt kijken, drukt u op . De TV stemt af op de zender waarnaar u het laatst hebt gekeken.

Overschakelen naar een andere zender

- Druk op CH+ of CH- om naar een andere zender over te schakelen.

Vorige zender

- Druk op BACK om terug te gaan naar de zender waarop het laatst was afgestemd.

Installatie zenders

Zenders instellen

Antenne-/kabelinstallatie

Zenders zoeken

U kunt alle zenders opnieuw installeren en alle andere TV-instellingen ongemoeid laten.

Als er een pincode is ingesteld, moet u deze code invoeren voordat u de zenders opnieuw kunt installeren.

Hiermee zoekt u zenders...

- 1 - Druk op / Home (Thuis) > Instellingen > Zenders instellen en druk op **OK**.
- 2 - Selecteer **RF-zenders instellen** en druk op **OK**.

- 3 - Voer indien nodig de pincode in.
Selecteer **Zenders zoeken** en druk op **OK**.
Selecteer **Starten** en druk op **OK**.
Selecteer het land waar u bent en druk op **OK**.
Selecteer **Starten** en druk op **OK**.
Selecteer het gewenste type installatie, **Antenne (DVB-T)** of **Kabel (DVB-C)** en druk op **OK**.
Selecteer **Volgende** en druk op **OK**.
Selecteer het gewenste type zenders, **Digitale en analoge zenders** of **Alleen digitale zenders** en druk op **OK**.
Selecteer **Volgende** en druk op **OK**.
Selecteer **Starten** en druk op **OK** om de digitale zenders bij te werken. Dit kan enkele minuten duren.
Druk op (links) om één stap terug te gaan of druk op BACK om het menu te sluiten.

Automatische zenderupdate

Als u digitale zenders ontvangt, kunt u op de TV zo instellen dat deze zenders automatisch worden bijgewerkt.

Eenmaal per dag, om zes uur 's ochtends, worden automatisch de zenders bijgewerkt en nieuwe zenders opgeslagen. Nieuwe zenders worden opgeslagen in de zenderlijst en worden aangeduid met een . Zenders zonder signaal worden verwijderd. De TV moet op stand-by staan om automatisch zenders bij te werken. U kunt Automatische zenderupdate uitschakelen voor één of alle satellieten.

Het automatisch bijwerken uitschakelen...

- 1 - Druk op / Home (Thuis) > Instellingen > Zenders instellen en druk op **OK**.
- 2 - Selecteer **RF-zenders instellen** en druk op **OK**.
- 3 - Voer indien nodig de pincode in.

- 4 - Selecteer **Automatische zenderupdate** en druk op **OK**.
- 5 - Selecteer **Uit** en druk vervolgens op **OK**.
- 6 - Druk op (links) om één stap terug te gaan of druk op BACK om het menu te sluiten.

Melding zenderupdate

Als nieuwe zenders worden gevonden of zenders zijn bijgewerkt of verwijderd, verschijnt bij het opstarten van de TV een bericht. Als u niet wilt dat dit bericht bij elke zenderupdate wordt weergegeven, kunt u het bericht uitschakelen.

Het bericht uitschakelen...

- 1 - Druk op / Home > Instellingen > Zenders instellen en druk op **OK**.
- 2 - Selecteer **RF-zenders instellen** en druk op **OK**.
- 3 - Voer indien nodig de pincode in.
- 4 - Selecteer **Automatische zenderupdate** en druk op **OK**.
- 5 - Selecteer **Uit** en druk vervolgens op **OK**.
- 6 - Druk op (links) om één stap terug te gaan of druk op BACK om het menu te sluiten.

In bepaalde landen wordt automatische zenderupdate uitgevoerd terwijl u TV kijkt of wanneer de TV in stand-by staat.

Digitaal: Handmatige installatie

Digitale TV-zenders kunnen handmatig, zender voor zender, worden ingesteld.

Digitale zenders handmatig instellen...

- 1 - Druk op / Home > Instellingen > Zenders instellen en druk op **OK**.
- 2 - Selecteer **RF-zenders instellen** en druk op **OK**.
- 3 - Selecteer **Digitaal: handmatige installatie** en druk op **OK**.
- 4 - Selecteer **Zoeken** en druk op **OK**. U kunt zelf een frequentie invoeren om een zender te zoeken of de TV naar een zender laten zoeken. Druk op (rechts) om **Zoeken** te selecteren en druk op **OK** om automatisch naar een zender te zoeken. De gevonden zender wordt op het scherm weergegeven. Als de ontvangst slecht is, drukt u weer op **Zoeken**. Als u de zender wilt opslaan, selecteert u **Gereed** en drukt u op **OK**.

Analoog: Handmatige installatie

Analoge TV-zenders kunnen handmatig, zender voor zender worden ingesteld.

Analoge zenders handmatig installeren...

- 1 - Druk op / Home > Instellingen > Zenders instellen en druk op **OK**.

- 2 - Selecteer **RF-zenders instellen** en druk op **OK**.
- 3 - Selecteer **Analoog: handmatige installatie** en druk op **OK**.

- **Systeem**

Selecteer **Systeem** om het TV-systeem in te stellen. Selecteer uw land of de regio waar u zich bevindt en druk op **OK**.

- **Zender zoeken**

Selecteer **Zender zoeken** om een zender te zoeken en druk op **OK**. U kunt zelf een frequentie invoeren om een zender te zoeken of de TV naar een zender laten zoeken. Druk op **➤** (rechts) om **Zoeken** te selecteren en druk op **OK** om automatisch naar een zender te zoeken. De gevonden zender wordt op het scherm weergegeven. Als de ontvangst slecht is, drukt u weer op **Zoeken**. Als u de zender wilt opslaan, selecteert u **Gereed** en drukt u op **OK**.

- **Opslaan**

U kunt de zender vastleggen onder het huidige zendernummer of onder een nieuw zendernummer. Selecteer **Vastleggen onder huidig zendernummer** of **Vastleggen onder nieuw zendernummer** en druk op **OK**. Het nieuwe zendernummer wordt kort weergegeven.

U kunt deze stappen opnieuw uitvoeren totdat u alle beschikbare analoge TV-zenders hebt gevonden.

11.7

Internet

Internet starten

U kunt op uw TV surfen op het internet. U kunt alle internetwebsites zien, maar de meeste zijn niet geschikt voor weergave op TV.

- Een aantal plug-ins (bijvoorbeeld om pagina's of video's te bekijken) zijn niet beschikbaar op uw TV.
- U kunt geen bestanden verzenden of downloaden.
- Internetpagina's worden per pagina weergegeven en nemen het hele scherm in beslag.

De internetbrowser starten...

- 1 - Druk op **⌂ / ⌂ HOME (Thuis)**.
- 2 - Schuif omlaag en selecteer **Apps > Internet** en druk op **OK**.
- 3 - Voer een internetadres in en selecteer **✓**, druk op **OK**.
- 4 - Druk op **⌂ / ⌂ HOME (Thuis)** of **⏏** om internet te sluiten.

11.8

Software

Software bijwerken

Softwareversie

De huidige versie van de TV-software weergeven...

- 1 - Druk op **⌂ / ⌂**, selecteer **Instellingen** **⚙** en druk op **OK**.
- 2 - Selecteer **Software bijwerken > Huidige firmware** en druk op **OK**.
- 3 - De versie, releaseopmerkingen en aanmaakdatum worden weergegeven.
- 4 - Druk zo nodig enkele malen op **⬅** (links) om het menu te sluiten.

Bijwerken vanaf website

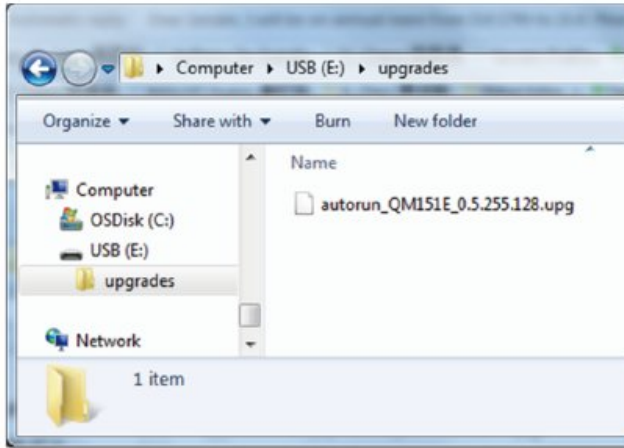
U vindt de huidige firmwareversie van uw TV in het instellingenmenu onder Software bijwerken > Huidige firmware.

Kijk regelmatig op www.philips.com/support voor nieuwe firmware-updates.

Volg de onderstaande instructies om de firmware van uw TV bij te werken.

De nieuwste software downloaden...

- 1 - Start Internet Explorer.
- 2 - Ga naar de ondersteuningswebsite van Philips op <http://www.philips.com/support>.
- 3 - Voer het modelnummer in. (u vindt het modelnummer op het label aan de achterkant van de TV.)
- 4 - Selecteer Ondersteuning wanneer u de productpagina van uw TV invoert.
- 5 - Selecteer Software-updates en klik op Bestand downloaden om de software te downloaden. (de software is als zip-bestand beschikbaar.)
- 6 - Als de softwareversie hoger is dan de versie die op uw TV is geïnstalleerd, klik dan op de koppeling om de software te downloaden.
- 7 - Accepteer de licentieovereenkomst/voorwaarden en selecteer Ik ga akkoord. Het zip-bestand wordt vervolgens automatisch gedownload.
- 8 - Pak met behulp van een archiveerprogramma het zip-bestand uit in een map.
- 9 - Maak een map met de naam 'upgrades' in de hoofdmap van uw USB-stick.
- 10 - Kopieer het eerder uitgedeelde upg-bestand naar de map 'upgrades', zoals hieronder wordt weergegeven.
- 11 - Haal de USB-stick uit de computer.



De software bijwerken...

- 1 - Sluit de USB-stick (met de software-update) aan op de USB-aansluiting op de TV. Wacht 30 seconden of wacht tot het USB-station door de TV wordt herkend.
- 2 - De software wordt automatisch door de TV geladen.
- 3 - Wanneer het laden van de software is voltooid, drukt u op Starten om de TV bij te werken.

Open source- software

Open source-licentie

Over de open source-licentie

README voor de broncode van de onderdelen van TP Vision Netherlands B.V. TV-software die onder open source-licenties vallen.

Dit document bevat een beschrijving van de distributie van de broncode die in de TP Vision Netherlands B.V. TV wordt gebruikt. Deze code valt onder de GNU General Public License (de GPL) of de GNU Lesser General Public License (de LGPL), of onder een andere open source-licentie. Instructies voor het verkrijgen van exemplaren van deze software vindt u in de Richtlijnen voor gebruik.

TP Vision Netherlands B.V. GEEFT GEEN ENKELE GARANTIE, EXPLICIET NOCH IMPLICIET, MET INBEGRIIP VAN GARANTIES VOOR VERHANDELBAARHEID EN GESCHIKTHEID VOOR EEN BEPAALD DOEL, MET BETREKKING TOT DEZE SOFTWARE. TP Vision Netherlands B.V. biedt geen ondersteuning voor deze software. Het voorafgaande heeft geen invloed op uw garanties en wettelijke rechten op TP Vision Netherlands B.V.-producten die u hebt aangeschaft. Het heeft alleen betrekking op de broncode die voor u beschikbaar is gesteld.

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/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_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. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other 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)

The original download site for this software is : <http://www.openssl.org/> .This piece of software is made available under the terms and conditions of the Apache License 1.0 / BSD License, which can be found below.

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)

The original download site for this software is : <http://packages.debian.org/> .This piece of software is made available under the terms and conditions of the

Red Hat Software.

procmem (2.0)

The original download site for this software is : https://github.com/babuneelam/procmem_linux_x86_port .This piece of software is made available under the terms and conditions of the Apple Public Source License.

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)

The original download site for this software is : https://github.com/csimmonds/procrank_linux .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

psmisc (22.13)

The original download site for this software is : <http://psmisc.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.

pugixml (1.8)

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

python (2.7.9)

The original download site for this software is : <http://www.python.org/> .

qrencode (3.4.2)

The original download site for this software is : <https://fukuchi.org/works/qrencode/> .This piece of software is made available under the terms and conditions of the LGPLv2 license, which can be found below.

rlog (1.4)

The original download site for this software is : <http://www.arg0.net/rlog> .This piece of software is made available under the terms and conditions of the GPL 2.1 license, which can be found below.

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)

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 LGPLv2 license, which can be found below.

sed (4.1.5)

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

simple-mtpfs (0.2)

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

sqlite (3.8.4.3)

Implements a self-contained, serverless, zero-configuration, transactional SQL database engine. The original download site for this software is : <http://www.sqlite.org/> . This piece of software is made available under the terms and conditions of the LGPLv2.1 license, which can be found below.

sqlite3 (3.7.2)

Implements a self-contained, serverless, zero-configuration, transactional SQL database engine. The original download site for this software is : <http://www.sqlite.org/> . This piece of software is made available under the terms and conditions of the LGPLv2.1 license, which can be found below.

tar (1.17)

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

thttpd (2.25b)

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

toybox (0.4.0)

The original download site for this software is : <http://>

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.

ttxfont (1.0)

The original download site for this software is :
<http://linux.bytesex.org/xawtv/tvfonts/html>
[Http://zapping.sourceforge.net/ZVBI/index.html](http://zapping.sourceforge.net/ZVBI/index.html) .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

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)

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

uriparser (0.7.7)

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

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.com/dtv/SSD/SS3/Tasks%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 :
<http://code.google.com/p/webp/> .This piece of software is made available under the terms and

conditions of the BSD license, which can be found below.

wget (1.10.2)

Check network for http/https .The original download site for this software is :
<http://ftp.gnu.org/gnu/wget/wget-1.10.2.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.

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

WebKit

name License

WebKit

URL: <http://webkit.org/>

(WebKit doesn't distribute an explicit license. This LICENSE is derived from license text in the source.)

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 Bjoern Graf,
 Brent Fulgham, Cameron Zwarich, Charles Samuels,
 Christian Dywan,
 Collabora Ltd., Cyrus Patel, Daniel Molkentin, Dave
 MacLachlan, David
 Smith, Dawit Alemayehu, Dirk Mueller, Dirk Schulze,
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 Witt, Julien Chaffraix, Justin Haygood, Kevin Ollivier,
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The reason we have a separate public license for
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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If such an object file uses only numerical

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it,

the square
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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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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?

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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?

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6. If I have improvements for Bitstream Vera, is it possible they might get adopted in future versions?

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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?

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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.

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David M. Gay's floating point routines
URL: <http://www.netlib.org/fp/>

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

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* Author: Kostya Serebryany

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Paul Hsieh's SuperFastHash
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google-glog's symbolization library
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libjpeg

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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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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the

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Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system,

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libvpx

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WebP image encoder/decoder

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libxslt
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libyuv
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linux-syscall-support

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

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LZ4 - Extremely fast compression

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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

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

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mt19937ar
 URL: <http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html>

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

Coded by Takuji Nishimura and Makoto
 Matsumoto.

Before using, initialize the state by using
 init_genrand(seed)
 or init_by_array(init_key, key_length).

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Netscape Plugin Application Programming Interface
 (NPAPI)

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

Version: MPL 1.1/GPL 2.0/LGPL 2.1

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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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- * dl/api/omxtypes.h
- * dl/sp/api/omxSP.h

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opus

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PLY (Python Lex-Yacc)
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Protocol Buffers
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URL: <https://github.com/jrmuizel/qcms/tree/v4>

qcms
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re2 - an efficient, principled regular expression library

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Snappy: A fast compressor/decompressor

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

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```

- ; This is a header file for the x264ASM assembly language, which uses
- ; NASM/YASM syntax combined with a large number of macros to provide easy

; abstraction between different calling conventions (x86_32, win64, linux64).
; It also has various other useful features to simplify writing the kind of
; DSP functions that are most often used in x264.

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; to x264-devel@videolan.org .

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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
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12.2

Meldingen

U kunt een melding ontvangen dat nieuwe TV-software kan worden gedownload of over softwaregerelateerde problemen.

Om deze meldingen te herlezen...

- 1 - Druk op , selecteer **Alle instellingen** en druk op **OK**.
- 2 - Selecteer **Software bijwerken > Aankondigingen** en druk op **OK**.
- 3 - Als er een aankondiging is, kunt u deze lezen of één van de beschikbare aankondigingen selecteren.
- 4 - Druk zo nodig enkele malen op  (links) om het menu te sluiten.

Help en ondersteuning

Problemen oplossen

Inschakelen

De TV gaat niet aan

- Haal het netsnoer uit het stopcontact. Wacht een minuut en sluit het snoer vervolgens weer aan.
- Controleer of het netsnoer goed is aangesloten.

Krakend geluid bij het in- of uitschakelen

Wanneer u de TV in- of uitschakelt of in stand-bystand zet, hoort u een krakend geluid vanuit de behuizing van de TV. Dit krakende geluid wordt veroorzaakt door het uitzetten en krimpen van de TV wanneer deze afkoelt en opwarmt. Dit is normaal en heeft geen invloed op de prestaties van het apparaat.

De TV schakelt opnieuw over op de stand-bystand nadat het startscherm van Philips is weergegeven

Wanneer de TV in stand-bystand staat, wordt een startscherm van Philips weergegeven. Vervolgens schakelt de TV opnieuw over op de stand-bystand. Dit is normaal. Wanneer de voeding van de TV wordt uitgeschakeld en vervolgens weer ingeschakeld, wordt het startscherm de volgende keer dat u de TV inschakelt weergegeven.

Het lampje van de stand-bystand blijft knipperen

Haal het netsnoer uit het stopcontact. Wacht 5 minuten en sluit het snoer vervolgens weer aan. Als het lampje opnieuw begint te knipperen, dient u contact op te nemen met de Philips Klantenservice.

Beeld

Geen beeld/vervormd beeld

- Controleer of de antenne goed is aangesloten op de TV.
- Controleer of het juiste apparaat is geselecteerd als weergavebron.
- Controleer of het externe apparaat of de externe bron op de juiste wijze is aangesloten.

Geluid maar geen beeld

- Controleer of de beeldinstellingen juist zijn ingesteld.

Slechte antenne-ontvangst

- Controleer of de antenne goed is aangesloten op de TV.
- Luidsprekers, ongeaarde audio-apparaten,

neonlampen, hoge gebouwen en andere grote voorwerpen kunnen de ontvangstkwaliteit beïnvloeden. Probeer de ontvangstkwaliteit indien mogelijk te verbeteren door de richting van de antenne te wijzigen of door apparaten weg van de TV te verplaatsen.

- Als de ontvangst voor slechts één zender slecht is, probeert u deze zender met Handmatige installatie, fijn af te stemmen.

Slecht beeld van een apparaat

- Controleer of het apparaat goed is aangesloten.
- Controleer of de beeldinstellingen juist zijn ingesteld.

Het beeld past niet op het scherm

Wijzig het beeldformaat.

De beeldpositie is niet juist

Beeldsignalen van sommige apparaten worden mogelijk niet juist weergegeven op het scherm. Controleer de signaaluitgang van het verbonden apparaat.

Het computerbeeld is niet stabiel

Controleer of de PC de ondersteunde resolutie en vernieuwingsfrequentie gebruikt.

Geluid

Geen geluid of matige geluidskwaliteit

Als er geen audiosignaal wordt gedetecteerd, schakelt de TV de audio-uitgang automatisch uit. Dit is geen defect.

- Controleer of de geluidsinstellingen juist zijn ingesteld.
- Controleer of alle kabels goed zijn aangesloten.
- Controleer of het volume niet is uitgeschakeld of op minimum is ingesteld.
- Controleer of de TV-audio-uitgang is aangesloten op de audio-ingang op het home cinema-systeem. Er moet geluid uit de HTS-luidsprekers komen.
- Bij sommige apparaten moet de HDMI-audio-uitgang handmatig worden ingeschakeld. Als de HDMI-audio-uitgang reeds is ingeschakeld, maar u nog altijd geen geluid hoort, kunt u proberen de digitale audio-indeling van het apparaat te wijzigen naar PCM (Pulse Code Modulation). Voor instructies raadpleegt u de documentatie die bij uw apparaat is geleverd.

Aansluitingen

HDMI

- Houd er rekening mee dat HDCP-ondersteuning (High-bandwidth Digital Content Protection) de beeldoverdracht tussen een HDMI-apparaat en een TV kan vertragen.
- Als de TV het HDMI-apparaat niet herkent en er geen beeld wordt weergegeven, probeert u de bron van het ene apparaat naar een ander over te schakelen en weer terug.
- Als het geluid steeds wordt onderbroken, controleert u of de uitganginstellingen van het HDMI-apparaat correct zijn.
- Als u een HDMI-DVI-adapter of HDMI-DVI-kabel gebruikt, controleert u of er een extra audiokabel is aangesloten op AUDIO IN (alleen mini-aansluiting), indien deze aanwezig is.

EasyLink werkt niet

- Controleer of uw HDMI-apparaten HDMI-CEC ondersteunen. EasyLink-functies werken alleen op apparaten die HDMI-CEC ondersteunen.

Er wordt geen volume pictogram weergegeven

- Dit is normaal indien er een HDMI-CEC-audioapparaat is aangesloten.

Foto's, video's en muziek van een USB-apparaat worden niet weergegeven

- Controleer of het USB-opslagapparaat MSC-compatibel is (geschikt voor massaopslag), zoals wordt beschreven in de documentatie bij het opslagapparaat.
- Controleer of het USB-opslagapparaat compatibel is met de TV.
- Controleer of de audio- en beeldbestandsindelingen worden ondersteund door de TV.

USB-bestanden worden schokkerig afgespeeld

- De overdrachtsprestaties van het USB-opslagapparaat kunnen de snelheid van de gegevensoverdracht naar de TV beperken, waardoor beeld en geluid niet goed worden weergegeven.

Wi-Fi, internet en Bluetooth

Wi-Fi-netwerk wordt niet gevonden of wordt gestoord

- Magnetrons, DECT-telefoons of andere Wi-Fi 802.11b/g/n-apparaten in de buurt kunnen storing veroorzaken op het draadloze netwerk.
- Controleer of alle firewalls binnen uw netwerk draadloze verbinding met de TV toestaan.
- Als het draadloze thuisnetwerk niet goed werkt, gebruik dan een bekabelde netwerkinstallatie.

Internet werkt niet

- Als de verbinding met de router in orde is, controleert u of de router verbinding heeft met internet.

De PC en de internetverbinding zijn traag

- Raadpleeg de handleiding van uw draadloze router voor informatie over het bereik binnenshuis, de overdrachtssnelheid en andere factoren die de signaalkwaliteit kunnen beïnvloeden.
- Voor uw router is een snelle internetverbinding (breedband) aanbevolen.

DHCP

- Als er geen verbinding kan worden gemaakt, controleert u de DHCP-instelling van de router. DHCP moet zijn ingeschakeld.

Verbinding Bluetooth wordt verbroken

- Op plaatsen met veel draadloze activiteit (bijvoorbeeld in een appartementencomplex met veel routers) kunnen er storingen optreden in de draadloze verbinding.

Netwerk

Wi-Fi-netwerk wordt niet gevonden of wordt gestoord

- Magnetrons, DECT-telefoons of andere Wi-Fi 802.11b/g/n-apparaten in de buurt kunnen storing veroorzaken op het draadloze netwerk.
- Controleer of alle firewalls binnen uw netwerk draadloze verbinding met de TV toestaan.
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- Als er geen verbinding kan worden gemaakt, controleert u de DHCP-instelling van de router. DHCP moet zijn ingeschakeld.

13.2

Onlinehulp

Als u een probleem met betrekking tot uw Philips-TV wilt oplossen, kunt u een beroep doen op onze onlineondersteuning. U kunt op de website uw taal selecteren en het modelnummer van uw product invoeren.

Ga naar www.philips.com/support

U vindt er het telefoonnummer voor uw land, alsmede antwoorden op veelgestelde vragen (FAQ's). In sommige landen kunt u chatten met een van onze medewerkers en uw vraag direct stellen, of u kunt een e-mail met uw vraag sturen.

U kunt nieuwe TV-software downloaden, of de handleiding om op uw computer te lezen.

13.3

Ondersteuning en reparatie

Voor ondersteuning en reparaties kunt u bellen met het telefoonnummer van de Philips Klantenservice in uw land. Onze monteurs zorgen voor reparatie, indien nodig.

Zoek het telefoonnummer in de gedrukte documentatie die bij de TV is meegeleverd.

Of ga naar onze website www.philips.com/TVsupport en selecteer indien nodig uw land.

Modelnummer en serienummer

Mogelijk vraagt men u naar het modelnummer en het serienummer van de TV. Deze nummers vindt u op het verpakkingslabel of op het typelabel aan de achter- of onderzijde van de TV.

Waarschuwing

Probeer de TV niet zelf te repareren. Dit kan leiden tot ernstig letsel, onherstelbare schade aan uw TV of kan ervoor zorgen dat uw garantie vervalst.

Veiligheid en onderhoud

Veiligheid

ESD-verklaring

Er zijn knipperingen op het scherm te zien tijdens de test, maar na de test is dit automatisch hersteld. Dit toegestane verlies van prestaties wordt gespecificeerd door de fabrikant en om misverstanden te voorkomen wordt dit fenomeen in een duidelijke verklaring in de gebruikershandleiding opgenomen.

Belangrijk!

Lees alle veiligheidsinstructies goed door en zorg dat u deze begrijpt voordat u de TV gebruikt. Als er schade ontstaat doordat u instructies niet opvolgt, is de garantie niet van toepassing.

Deze apparatuur mag niet worden gewijzigd zonder toestemming van de fabrikant.

Risico op brand of een elektrische schok

- Stel de TV nooit bloot aan regen of water. Plaats objecten met water, zoals een vaas, nooit in de buurt van de TV.
- Mocht er onverhoopt vloeistof in de TV terechtkomen, dan moet u de stekker direct uit het stopcontact halen.
- Neem contact op met Philips Klantenservice om de TV te laten nakijken voordat u deze gaat gebruiken.
- Stel de TV nooit bloot aan extreme hitte. Plaats ze nooit in de buurt van brandende kaarsen, open vuur of andere hittebronnen (zoals direct zonlicht).
- Steek geen voorwerpen in de ventilatiesleuven of andere openingen van de TV.
- Plaats nooit zware voorwerpen op het netsnoer.
- Voorkom dat er kracht op de stekkers wordt uitgeoefend. Loszittende stekkers kunnen vonken of brand veroorzaken. Zorg dat het netsnoer niet strak wordt getrokken wanneer u de TV draait.
- Haal de stekker van de TV uit het stopcontact om de TV helemaal los te koppelen van netspanning. Trek het netsnoer altijd aan de stekker en nooit aan het snoer uit het stopcontact. Zorg dat u altijd gemakkelijk bij de stekker, het netsnoer en het stopcontact kunt.

Risico op letsel of schade aan de TV

- Zorg bij wandbevestiging dat de wandsteun het gewicht van de TV kan dragen en geen gevaar oplevert. TP Vision is niet aansprakelijk voor ongelukken, letsel of schade als gevolg van ondeskundige wandbevestiging.
- Dit product bevat glazen onderdelen. Ga hier voorzichtig mee om, om letsel of schade te voorkomen.

Risico op schade aan de TV!

Controleer voordat u de TV aansluit op het stopcontact, of het voltage overeenkomt met de waarde aan de achterkant van het product. Sluit de TV nooit aan op het stopcontact als het voltage afwijkt.

Stabiliteitsgevaaren

De televisie kan vallen, wat kan leiden tot ernstig letsel of overlijden. Veel verwondingen, met name bij kinderen, kunnen worden vermeden door eenvoudige maatregelen te nemen, zoals:

- Zorg ALTIJD dat de televisie niet over de rand van het meubel uitsteekt.
- ALTIJD kasten of standaarden gebruiken die zijn aanbevolen door de fabrikant van de televisie.
- ALTIJD meubels gebruiken die stevig genoeg zijn om de televisie te dragen.
- ALTIJD kinderen leren dat het gevaarlijk is om op meubilair te klimmen om bij de televisie te komen.
- ALTIJD de snoeren en kabels die op uw televisie zijn aangesloten, zodanig leiden dat er niet over kan worden gestruikeld, er niet aan kan worden getrokken en ze niet kunnen worden vastgepakt.
- NOOIT een televisie op een onstabiel oppervlak plaatsen.
- NOOIT de televisie op hoge meubels (bijvoorbeeld planken of boekenkasten) plaatsen, tenzij zowel het meubel als de televisie zodanig is bevestigd dat ze niet kunnen worden omgestoten.
- NOOIT de televisie op een doek of ander materiaal tussen de televisie en het meubel plaatsen.
- NOOIT voorwerpen die kinderen zouden kunnen verleiden om te klimmen, zoals speelgoed, en afstandsbedieningen op de televisie of meubels plaatsen waarop de televisie staat.

Als u de huidige televisie wilt verplaatsen, moet u ook de bovenstaande maatregelen in acht nemen.

Risico van batterijen

- Slik de batterij niet in. Risico op chemische brandwonden.
- De afstandsbediening kan een knoopcelbatterij bevatten. Als de knoopcelbatterij wordt ingeslikt, kan deze binnen 2 uur zware interne brandwonden veroorzaken en de dood tot gevolg hebben.
- Houd nieuwe en gebruikte batterijen buiten bereik van kinderen.
- Als het batterijcompartiment niet goed sluit, staak dan het gebruik van het product en houd het buiten bereik van kinderen.
- Als u vermoedt dat er batterijen zijn ingeslikt of anderszins in het lichaam zijn terechtgekomen, raadpleeg dan onmiddellijk een arts.
- Brand- of explosierisico als de batterij wordt vervangen door een verkeerd type.
- Vervanging van een batterij door een onjuist type dat een beveiliging kan teneinde doen (bijvoorbeeld bij bepaalde typen lithium-batterijen).
- Weggooien van een batterij in vuur of een hete oven of het mechanisch pletten of doorsnijden van een batterij kan resulteren in een explosie.
- Een batterij laten liggen in een omgeving met een extreem hoge temperatuur kan resulteren in een explosie of lekkage van ontvlambare vloeistoffen of gassen.
- Een batterij blootstellen aan een extreem lage luchtdruk kan resulteren in een explosie of lekkage van ontvlambare vloeistoffen of gassen.

Oververhittingsgevaar

Plaats de TV nooit in een nauwe ruimte. Laat voor voldoende ventilatie aan alle zijden van de TV een afstand van minstens 10 cm vrij. Zorg dat de ventilatiesleuven van de TV nooit worden afgedekt door gordijnen of andere voorwerpen.

Onweer

Koppel de TV los van het elektriciteitsnet en de antenne als er onweer op komt is. Raak tijdens onweer geen enkel onderdeel van de TV, het netsnoer of de antennekabel aan.

Risico op gehoorbeschadiging

Zet het volume niet te hoog als u een oortelefoon of hoofdtelefoon gebruikt, en gebruik deze niet te lang.

Lage temperaturen

Als de TV is vervoerd bij een temperatuur onder 5 °C, laat u de TV na het uitpakken eerst op kamertemperatuur komen voordat u de stekker in het stopcontact steekt.

Vochtigheid

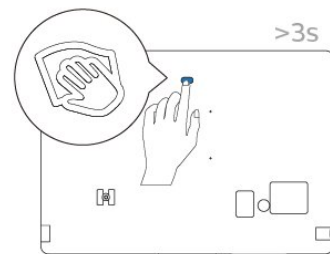
Afhankelijk van temperatuur en vochtigheid kan lichte condensvorming optreden aan de binnenkant van de glasplaat aan de voorkant van de TV (geldt voor bepaalde modellen). U kunt dit voorkomen door de TV niet bloot te stellen aan direct zonlicht, hitte of extreme vochtigheid. Als er condens ontstaat, verdwijnt deze vanzelf als de TV een aantal uren is ingeschakeld.

Het condensatievocht is niet schadelijk voor de TV en veroorzaakt geen storingen.

14.2

Schermonderhoud

- Raak het scherm nooit aan met een ander voorwerp.
- Druk op de reinigingsknop aan de achterkant van de TV. Houd deze knop 3 seconden ingedrukt om de bedieningselementen aan de voorzijde van de TV uit te schakelen voordat u de TV gaat schoonmaken.



- Reinig de TV en standaard door deze voorzichtig af te vegen met een zachte, vochtige doek. Gebruik nooit middelen zoals alcohol, chemicaliën of allesreinigers op de TV.
- Veeg waterdruppels zo snel mogelijk van het scherm om vervorming of kleurvervaling te voorkomen.
- Probeer het gebruik van stilstaande beelden zo veel mogelijk te vermijden. Stilstaande beelden zijn beelden die gedurende langere perioden op het scherm worden weergegeven. Stilstaande beelden omvatten menu's op het scherm, zwarte balken, tijdsweergaven, enzovoort. Als u stilstaande beelden moet gebruiken, vermindert u het contrast en de helderheid van het scherm om schade aan het scherm te voorkomen.

Verklaring over blootstelling aan straling (alleen voor ingebouwde Wi-Fi)

Deze apparatuur voldoet aan de CE-limieten voor blootstelling aan straling die zijn vastgelegd voor een ongecontroleerde omgeving. Deze apparatuur moet worden geïnstalleerd en bediend met een minimale afstand van 20 cm tussen de radiator en het lichaam.

De frequentie, de modus en het maximale zendvermogen in de EU worden hieronder vermeld:

- 2400 - 2483,5 MHz: < 20 dBm (EIRP), alleen voor 2,4G-producten.
- 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)

Gebruiksvoorwaard en

15.1

Gebruiksvoorwaarden - TV

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Het gedrukte materiaal dat bij de TV wordt geleverd en de handleiding die in het geheugen van de TV is opgeslagen of die wordt gedownload van de Philips-website www.philips.com/support, passen bij het bedoelde gebruik van het systeem.

De inhoud van deze handleiding wordt toereikend geacht voor het bestemde gebruik van het systeem. Indien het product of de individuele modules of procedures worden gebruikt voor andere doeleinden dan in deze handleiding zijn beschreven, moet de geldigheid en geschiktheid van het systeem worden bevestigd. TP Vision garandeert dat het materiaal geen octrooien uit de Verenigde Staten schendt. Philips biedt geen verdere garanties, uitdrukkelijk dan wel impliciet. TP Vision kan niet verantwoordelijk worden gehouden voor fouten in de inhoud van dit document of voor problemen die het gevolg zijn van de inhoud van dit document. Fouten die worden gerapporteerd aan Philips, worden zo snel mogelijk opgelost en gepubliceerd op de ondersteuningswebsite van Philips.

Garantievoorwaarden - Risico op verwonding, schade aan TV of vervallen van garantie!

Probeer de TV nooit zelf te repareren. Gebruik de TV en de accessoires alleen zoals de fabrikant het heeft bedoeld. Het waarschuwingsteken op de achterkant van de TV duidt het risico van een elektrische schok aan. Verwijder nooit de behuizing van de TV. Neem altijd contact op met de klantenservice van Philips voor onderhoud of reparaties. Zoek het

telefoonnummer in de gedrukte documentatie die bij de TV is meegeleverd. Of ga naar onze website www.philips.com/support en selecteer indien nodig uw land. De garantie vervalt in geval van handelingen die in deze handleiding uitdrukkelijk worden verboden of in geval van aanpassingen of montages die niet in deze handleiding worden aanbevolen of goedgekeurd.

Pixelkenmerken

Dit TV-toestel heeft een groot aantal kleurenpixels. Ondanks de minimaal 99,999% effectieve pixels, kunnen er mogelijk voortdurend zwarte puntjes of heldere lichtpuntjes (rood, groen of blauw) op het scherm verschijnen. Dit is een structureel kenmerk van het display (binnen veel voorkomende industriestandaarden); het is geen defect.

CE-conform

TP Vision Europe B.V. verklaart hierbij dat deze televisie voldoet aan de essentiële vereisten en overige relevante bepalingen van Richtlijnen 2014/53/EU (RED), 2009/125/EC (Ecologisch ontwerp) en 2011/65/EC (RoHS).

Naleving van de norm voor elektromagnetische velden (EMF)

TP Vision maakt en verkoopt vele consumentenproducten die net als andere elektronische apparaten elektromagnetische signalen kunnen uitstralen en ontvangen. Een van de belangrijkste zakelijke principes van TP Vision is ervoor te zorgen dat al onze producten beantwoorden aan alle geldende vereisten inzake gezondheid en veiligheid, en dat ze ruimschoots voldoen aan de EMF-normen die gelden ten tijde van de productie.

TP Vision streeft ernaar geen producten te ontwikkelen, te produceren en op de markt te brengen die schadelijk kunnen zijn voor de gezondheid. TP Vision bevestigt dat als zijn producten correct voor het daartoe bestemde gebruik worden aangewend, deze volgens de nieuwste wetenschappelijke onderzoeken op het moment van de publicatie van deze handleiding veilig zijn om te gebruiken. TP Vision speelt een actieve rol in de ontwikkeling van internationale EMF- en veiligheidsnormen, wat TP Vision in staat stelt in te spelen op toekomstige normen en deze tijdig te integreren in zijn producten.

Auteursrechten

16.1

HDMI

HDMI

De termen HDMI en HDMI High-Definition Multimedia Interface en het HDMI-logo zijn handelsmerken of gedeponeerde handelsmerken van HDMI Licensing Administrator, Inc. in de Verenigde Staten en andere landen.



16.2

Dolby Audio

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16.3

Wi-Fi Alliance

Wi-Fi

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16.4

Kensington

Kensington

(Indien van toepassing)

Kensington en MicroSaver zijn gedeponeerde Amerikaanse handelsmerken van ACCO World Corporation met depots en aangevraagde depots in andere landen, wereldwijd.



16.5

Andere handelsmerken

Alle andere gedeponeerde en niet-gedeponeerde handelsmerken zijn het eigendom van hun respectievelijke eigenaren.

Disclaimer betreffende diensten en/of software van derden

Diensten en/of software van derden mogen zonder voorafgaande kennisgeving worden gewijzigd, onderbroken of beëindigd. TP Vision kan niet verantwoordelijk worden gehouden in dergelijke situaties.

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