

Käyttöopas

19HFL5014W

PHILIPS

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TV-esittely

Ammattilaistila

Toiminta

Ammattilaistilassa voit käyttää monia erikoisasetuksia, jotka mahdollistavat television tilan hallinnan tai antavat käyttöösi lisätoimintoja.

Ammattilaistila tehostaa television hallintaa esimerkiksi hotelleissa, risteilyaluksilla, stadioneilla tai liiketiloissa.

Jos käytät televisiota kotona, ammattilaistila kannattaa poistaa käytöstä.

Lisätietoja ammattilaistilasta on asennusoppaassa.

Asennus

Lue turvallisuusohjeet



Lue turvallisuusohjeet ennen television käyttämistä.

TV-jalusta ja seinäkiinnitys

TV-jalusta

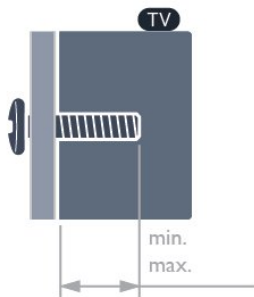
TV-jalustan kiinnitysohjeet löytyvät television mukana tulleesta pika-aloitusoppaasta. Jos hukkaat oppaan, voit ladata sen osoitteesta www.philips.com.

Etsi ladattava pika-aloitusopas TV:n tyyppinumeron avulla.

Seinäkiinnitys

Television voi kiinnittää seinään VESA-yhteensopivilla kiinnikkeillä (myydään erikseen).

Käytä tätä VESA-koodia, kun valitset TV:n seinätelineen: . .



• 19HFL5014W

VESA MIS-F 75x75, M4 (vähintään: 8 mm, enintään: 10 mm)

Varoitus

Television kiinnittäminen seinälle on vaativa työ, joka on syytä jättää ammattilaisten tehtäväksi. Television

seinäkiinnityksen on vastattava television painon mukaisia turvastandardeja. Lue turvallisuusohjeet ennen television sijoittamista paikalleen. TP Vision Europe B.V. ei vastaa virheellisestä kiinnityksestä tai kiinnityksestä aiheutuvista onnettomuuksista tai vahingoista.

Vinkkejä television sijoittamiseen

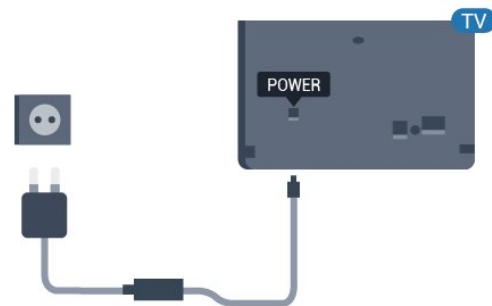
- Sijoita televisio paikkaan, jossa kuvaruutuun ei kohdistu suoraa valoa.
- Ihanteellinen television katseluetäisyys on kolme kertaa TV-ruudun lävistäjä (tuumamitta). Silmien pitäisi olla istuttaessa samalla tasolla kuvaruudun keskikohdan kanssa.

Huomautus:

Pidä TV-laite etäällä pölyä tuottavista lähteistä. Suosittelemme pyyhkimään pölyn TV-laitteesta säännöllisesti.

Virtajohto

- Liitä virtajohto TV:n takaosan **POWER**-liitäntään.
- Varmista, että virtajohto on liitetty kunnolla liitäntään.
- Varmista, että pistorasiaan liitettyyn pistokkeeseen pääsee aina käsiksi.
- Irrota virtajohto aina vetämällä pistokkeesta, ei johdosta.

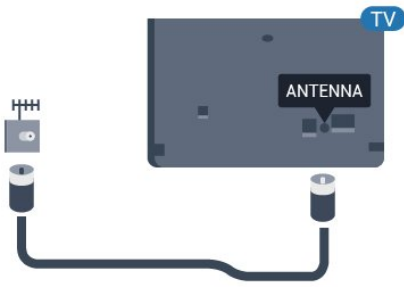


Antennijohto

Liitä antennipistoke kunnolla television takaosassa olevaan antenniliitäntään.

Voit liittää oman antennin tai voit liittää television antennijärjestelmään. Käytä IEC Coax 75 Ohm RF -antenniliitäntää.

Käytä tätä antenniliitäntää DVB-T- ja DVB-C
-tulosignaaleille.



Kiinnitystanko

3.1

Kiinnitysosa

Kiinnitysosien asennusohjeet ovat pika-aloitusoppaassa osoitteessa www.philips.com.

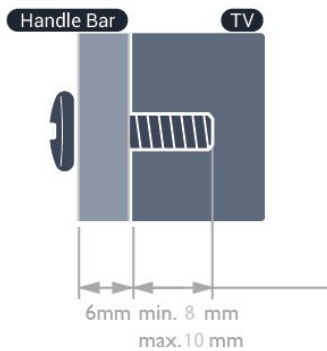
Etsi ladattava pikaopas TV:n tyyppinumeron avulla.

3.2

Kiinnitystanko

Television voi kiinnittää seinään VESA-yhteensopivalla kiinnitystangolla (myydään erikseen). Käytä tätä VESA-koodia, kun valitset TV:n kiinnitystangon: . .

Jotta saat kiinnitettyä telineen tukevasti, valitse oikeanpituiset ruuvit kuvan mukaisesti.



• 19HFL5014W – VESA MIS-F 75x75, M4

Kiinnitystangon kanssa: (vähintään 14mm, enintään 16mm)

Ilman kiinnitystankoa: (vähintään 8mm, enintään 10mm)

Varoitus

Television asentaminen kiinnitystankoon on vaativa työ, joka on syytä jättää ammattilaisten tehtäväksi. Kiinnitystangon asennuksen on vastattava television painon mukaisia turvastandardeja. Lue turvallisuusohjeet ennen television sijoittamista paikalleen.

TP Vision Europe B.V. ei vastaa virheellisestä kiinnityksestä tai kiinnityksestä aiheutuvista onnettomuuksista tai vahingoista.

Huomautus

Irrota VESA-ruuvit takapaneelista ennen television kiinnitystangon asentamista.

Varoitus

Noudata kaikkia TV-telineen mukana tulleita ohjeita. TP Vision Europe B.V. ei vastaa TV:n virheellisestä kiinnityksestä, jonka seurauksena tapahtuu

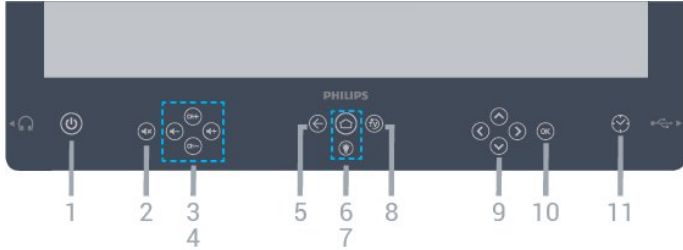
onnettomuus tai vahinko.

Jotta kaapeli ja liittimet eivät vaurioidu, jätä vähintään 5,5 senttimetrin / 2,2 tuuman väli television taakse.

Ennen kuin asennat TV:n kiinnitystankoon, etsi oikean pituinen ruuvi huomioimalla kiinnitystangon paksuus.

Television painikkeet

Ohjaa näytön toimintoja etupaneelin näppäimistöllä. Näppäimistössä on seuraavat painikkeet:



1. Virta: Television käynnistäminen tai valmiustilaan palauttaminen
2. Mykistys: Äänen mykistäminen tai mykistyksen poistaminen.
3. Kanava +/-: Siirtyminen edellisen tai seuraavan kanavaluettelon kanavaan.
4. Äänenvoimakkuus **◀+** : Äänenvoimakkuuden säätäminen.
5. Pala: Palaaminen edelliselle valitulle kanavalle. Edelliseen valikkoon palaaminen.
6. Koti **🏠**: Aloitusvalikon avaaminen.
7. Kirkkaus: Voit säätää television alaosassa näkyvän valon kirkkautta.
8. Pois: Palaaminen television katseluun.
9. Nuoli-/selauspainikkeet: Käytä siirtymiseen nuolipainikkeita: **▲** (ylös), **▼** (alas), **◀** (vasemmalle) ja **▶** (oikealle).
10. OK: Valinnan tai asetuksen vahvistaminen.
11. Kello: Nykyisen kellonajan näyttäminen. Herätyskellon säätäminen.

Käynnistys ja sammutus

Käynnistys tai valmiustila

Tarkista, että TV on kytketty verkkovirtaan. Liitä laitteen mukana toimitettu virtajohto TV:n takaosassa olevaan AC in -liitäntään.




Käyttöönotto

Avaa TV painamalla -painiketta.

Valmiustilaan siirtyminen

Aseta televisio valmiustilaan, kun et käytä televisiota.

Siirrä TV valmiustilaan painamalla painiketta .

Valmiustilassa TV on yhä kytketty verkkovirtaan, mutta se kuluttaa hyvin vähän virtaa.

Katkaise televisiosta virta kokonaan irrottamalla virtapistoke pistorasiasta.

Irrota virtajohto aina vetämällä pistokkeesta, ei virtajohdosta. Varmista, että virtajohdon pistoke on helposti irrotettavissa ja pistorasia on kätevässä paikassa.

Käytä television mukana toimitettua virtasovitinta.

Merkki: FSP-

malli: FSP065M-DHA (lähtö: 12 V, enintään 5,42 A)

Tekniset tiedot

6.1

Ympäristöystävällisyys

Tuoteseloste

19HFL5014W

- Energiatehokkuusluokka A
- Katsottavissa oleva näyttökoko 47 cm / 19 tuumaa
- Virrankulutus käynnissä (W): 18 W
- Vuosittainen virrankulutus (kWh) *: 27 kWh
- Virrankulutus valmiustilassa (W) **: 0,5 W
- Näytön tarkkuus (pikseliä): 1366 x 768p
- Luokitus: 12 V, enint. 24 W

* Vuosittaisen virrankulutuksen (kWh) laskenta perustuu 4 tunnin päivittäiseen käyttöön 365 päivänä vuodessa. Todellinen virrankulutus riippuu television käytöstä.

Käytön lopettaminen

Vanhan tuotteen sekä vanhojen akkujen ja paristojen hävittäminen

Tuotteesi on suunniteltu ja valmistettu laadukkaista materiaaleista ja komponenteista, jotka voidaan kierrättää ja käyttää uudelleen.



Tuotteeseen kiinnitetty yliviivatun roskakorin kuva tarkoittaa, että tuote kuuluu Euroopan parlamentin ja neuvoston direktiivin 2012/19/EU soveltamisalaan.



Tutustu paikalliseen sähkö- ja elektroniikkalaitteiden keräysjärjestelmään.

Toimi paikallisten sääntöjen mukaan äläkä hävitä vanhoja tuotteita tavallisen kotitalousjätteen mukana. Vanhan tuotteen asianmukainen hävittäminen auttaa ehkäisemään ympäristölle ja ihmisille mahdollisesti koituvia haittavaikutuksia.

Tuotteessa on akkuja tai paristoja, joita Euroopan parlamentin ja neuvoston direktiivi 2006/66/EY koskee.



Tutustu paikallisiin paristojen keräystä koskeviin ohjeisiin, koska paristojen hävittäminen oikealla tavalla auttaa vähentämään ympäristölle ja ihmisille mahdollisesti koituvia haittavaikutuksia.

6.2

Käyttöjärjestelmä

Android-käyttöjärjestelmä:

Android Nougat 7

6.3

Näyttötyyppi

Ruudun lävistäjä (tuumamitta)

- 47 cm / 19 tuumaa

Näytön tarkkuus

- 1366 x 768

6.4

Näytön tulotarkkuus:

Videoformaatit

Tarkkuus – virkistystaajuus

- 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

Tietokoneformaatit

Tarkkuudet (esimerkkejä)

- 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

6.5

Liitännät

TV:n takana

- HDMI-tulo – ARC – Ultra HD
- Antenni (75 ohmia)
- Lähiverkko: RJ45
- 8 Ω Kylpyhuonelähtö
- RJ-48-dataliitin

Television sivu

- USB – USB 2.0
- Kuulokkeet: stereominiliitäntä 3,5 mm

6.6

Mitat ja painot

19HFL5014W

• ilman television jalustaa:

leveys 468,8 mm – korkeus 326,4 mm – syvyys 38,9 mm – paino $\pm 3,35$ kg

• television jalustan kanssa:

leveys 468,8 mm – korkeus 370,2 mm – syvyys 44,9 mm – paino $\pm 3,65$ kg

6.7

Ääni

- Lähtöteho (RMS): 5 W (2 * 2,5 W)
- Dolby Audio
- DTS HD

Laitteiden liittäminen

Laitteiden liittäminen

Liitännäopas

Kun liität laitteen televisioon, käytä aina mahdollisimman laadukasta käytettävissä olevaa yhteyttä. Käytä myös laadukkaita kaapeleita, jotta varmistat hyvän kuvan- ja äänensiirron.

Kun liität laitteen, televisio tunnistaa sen tyyppin ja antaa laitteelle oikean tyyppinimen. Tyyppinimeä voi muuttaa tarvittaessa. Jos laitteelle on määritetty oikea tyyppinimi, televisio siirtyy automaattisesti parhaaseen TV-asetukseen, kun laite otetaan käyttöön Lähteet-valikossa.




Antenniportti



Jos sinulla on digisovitin (digitaalivastaanotin) tai tallennin, liitä antennikaapelit niin, että antennisignaali kulkee ensin digisovittimen ja/tai tallentimen kautta, ja sitten vasta televisioon. Näin antenni ja digisovitin saattavat löytää uusia kanavia tallennettavaksi tallentimella.

HDMI-portit

Laitteiden ohjaaminen

Käytä HDMI-liitettyä laitetta, johon on määritetty EasyLink-toiminto, valitsemalla laite tai sen toiminto TV-liitännöjen luettelosta.

Ammattilaistila EI KÄYTÖSSÄ – Valitse  Koti >  Sovellukset >  SOURCES . Valitse HDMI-liitännään liitetty laite ja paina OK-painiketta.

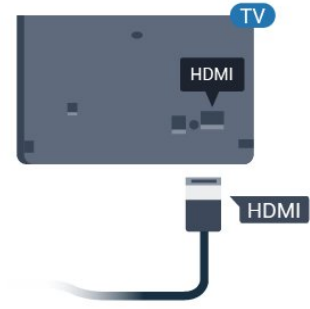
Ammattilaistila KÄYTÖSSÄ – Valitse  Koti >  TV-kanavat >  Lähteet. Valitse HDMI-liitännään liitetty laite ja paina OK-painiketta.

HDMI-laatu

HDMI-liitäntä tarjoaa parhaan kuvan- ja äänenlaadun. Yksi HDMI-kaapeli yhdistää video- ja äänisignaalit. Käytä televisiosignaalin kanssa HDMI-

kaapelia.

Parhaan mahdollisen signaalsiirron saat käyttämällä enintään 5 metrin pituista High speed HDMI-kaapelia.



Kopiointisuojaus

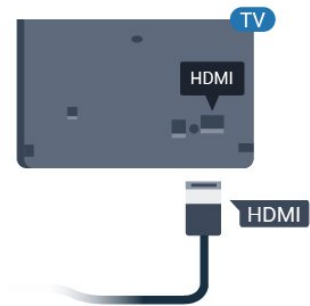
HDMI-kaapelit tukevat HDCP:tä (High-bandwidth Digital Contents Protection). HDCP on kopiointisuojaussignaali, joka estää käyttäjiä kopioimasta DVD- ja Blu-ray-levyjen sisältöä. Siihen viitataan myös lyhenteellä DRM (Digital Rights Management).

HDMI ARC

Television kaikki HDMI-liitännät ovat HDMI ARC (Audio Return Channel) -yhteensopivia.

Jos laitteessa, yleensä kotiteatterijärjestelmässä, on lisäksi HDMI ARC -liitäntä, voit liittää sen mihin tahansa television HDMI-liitännöistä. Jos laitteessa on HDMI ARC -liitäntä, et tarvitse erillistä äänikaapelia televisio-ohjelman äänen siirrossa kotiteatterijärjestelmään. HDMI ARC -liitäntä yhdistää molemmat signaalit.

Voit käyttää mitä tahansa television HDMI-liitäntää kotiteatterijärjestelmän liittämiseen, mutta ARC-liitäntä on käytettävissä vain yhdelle laitteelle/liitännälle kerrallaan.

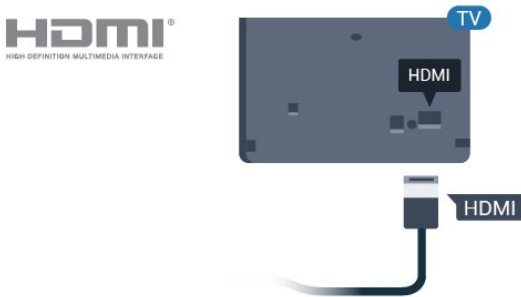


HDMI CEC – EasyLink

HDMI-liitäntä tarjoaa parhaan kuvan- ja äänenlaadun. Yksi HDMI-kaapeli yhdistää video- ja äänisignaalit. Käytä HD-televisiosignaalin kanssa HDMI-kaapelia. Parhaan mahdollisen signaalinsiirron saat käyttämällä enintään 5 metrin pituista High speed HDMI -kaapelia.

Liitä HDMI CEC -yhteensopivat laitteet televisioon.

EasyLink HDMI CEC -toiminnon on oltava käytössä sekä televisiossa että liitettyssä laitteessa.




Huomautus:

- EasyLink ei välttämättä toimi muun merkkisten laitteiden kanssa.
- Eri merkit kutsuvat HDMI CEC -toimintoa eri nimillä. Nimiä ovat esimerkiksi Anynet, Aquos Link, Bravia Theatre Sync, Kuro Link, Simplink ja Viera Link. Kaikki merkit eivät ole täysin yhteensopivia EasyLinkin kanssa. Esimerkit HDMI CEC -tuotemerkeistä ovat omistajiensa omaisuutta.

EasyLink päälle/pois

Voit ottaa EasyLink-toiminnon käyttöön tai pois käytöstä. EasyLink-asetukset ovat televisiossa oletusarvoisesti käytössä.

EasyLink-toiminnon poistaminen käytöstä

Ammattilaistila EI KÄYTÖSSÄ – Valitse  (Koti) >  (alas) > Asetukset ja paina OK-painiketta.

Valitse Lähteet > EasyLink ja paina OK-painiketta.

Valitse EasyLink ja paina OK-painiketta.

Valitse Pois ja paina OK-painiketta.

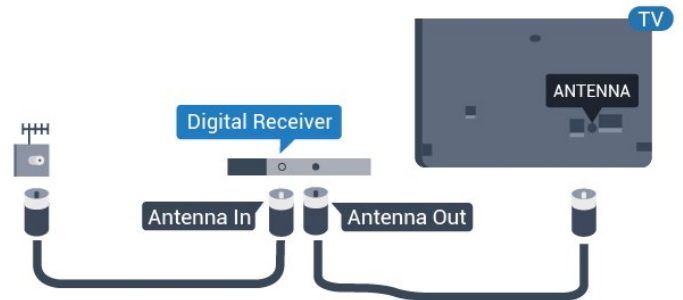
Sulje valikko painamalla  BACK -painiketta (tarvittaessa useita kertoja).

Ammattilaistila KÄYTÖSSÄ – Lisätietoja on asennusoppaassa.

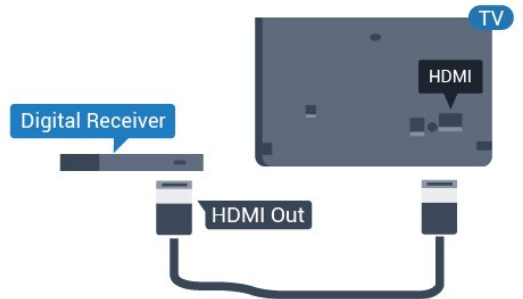
7.2

Vastaanotin – digisovitin

Liitä antenni digisovittimeen (digitaalivastaanottimeen) ja televisioon kahdella antennikaapelilla.



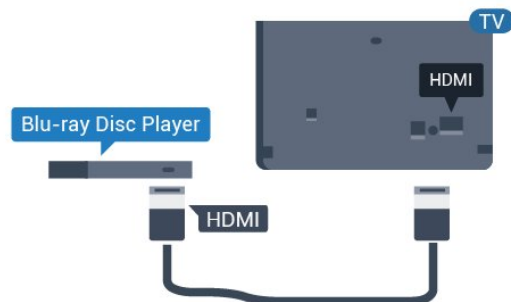
Liitä digisovitin televisioon HDMI-kaapelilla antenniliitäntöjen viereen.



7.3

Blu-ray-soitin

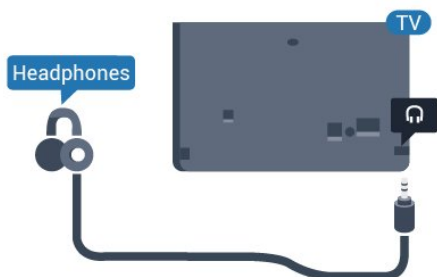
Liitä Blu-ray-soitin televisioon High speed HDMI -kaapelilla.



Jos Blu-ray-soittimessa on EasyLink HDMI CEC.

Kuulokkeet

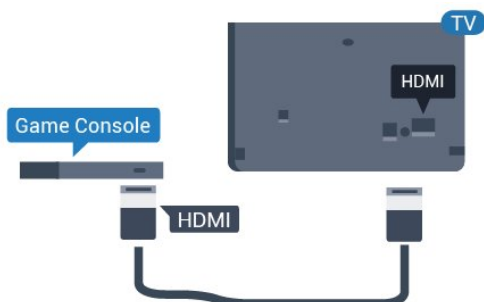
Voit liittää kuulokkeet television takana olevaan -liitäntään. Liitäntä on 3,5 mm:n miniliitäntä. Voit säätää kuulokkeiden äänenvoimakkuutta erikseen.



Pelikonsoli

HDMI

Pelikokemuksesi on mahdollisimman laadukas, kun liität pelikonsolin televisioon High speed HDMI -kaapelilla.



USB Flash -asema

Voit katsella valokuvia tai toistaa musiikkia tai videokuvaa liitetyltä USB Flash -asemalta.

Kytke televisioon virta ja liitä USB Flash -asema television USB-liitäntään.



Televisio havaitsee USB Flash -aseman ja avaa ruutuun luettelon sen sisällöstä. Jos sisältöluettelo ei näy automaattisesti...

Ammattilaistila EI KÄYTTÖSSÄ – Valitse Koti > Sovellukset > Lähteet . Valitse USB ja paina OK-painiketta.

Ammattilaistila KÄYTTÖSSÄ – Valitse Koti > TV-kanavat > SOURCES . Valitse USB ja paina OK-painiketta.

Lopeta USB Flash -aseman sisällön katselu valitsemalla tai valitsemalla toinen toiminto. Voit poistaa USB Flash -aseman käytöstä irrottamalla sen milloin tahansa.

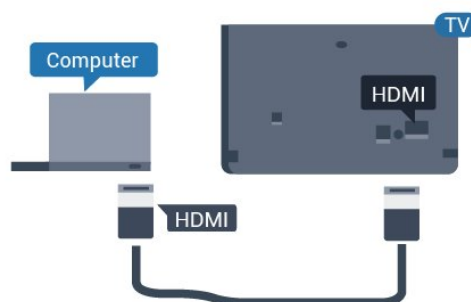
Tietokone

Liitä

Voit liittää tietokoneen televisioon ja käyttää television ruutua tietokonenäyttönä.

HDMI-liitäntä

Liitä tietokone televisioon HDMI-kaapelilla.



Ihanteelliset asetukset

Jos yhdistät tietokoneen, suosittelemme antamaan tietokoneyhteydelle oikean laitetyypin nimen Lähde-valikossa. Jos vaihdat Lähde-valikossa asetukseksi Tietokone, televisio määritetään ihanteelliselle tietokoneasetukselle automaattisesti.

Ihanteellisen asetuksen määrittäminen televisioon

Ammattilaistila EI KÄYTTÖSSÄ – Valitse Koti. Valitse (alas) > Asetukset ja paina OK-painiketta.

Valitse Kuva ja siirry valikkoon painamalla (oikea)-painiketta. Valitse Kuvatyyli > Tietokone ja paina OK-painiketta.


Valitse Päälle tai Pois ja paina OK-painiketta.

Sulje valikko painamalla -painiketta tarvittaessa useita kertoja.

Ammattilaistila KÄYTÖSSÄ – Valitse  Koti >
••• Enemmän >  Asetukset >  Kuva. Paina
OK-painiketta.

Valitse Kuvatyyli > Tietokone ja
paina OK-painiketta.

Valitse Päälle tai Pois ja paina OK-painiketta.

Sulje valikko painamalla -painiketta tarvittaessa
useita kertoja.

(Lisätietoja ammattilaistilasta on asennusoppaassa.)





Videot, valokuvat ja musiikki

USB-liitännästä

Voit katsella valokuvia tai toistaa musiikkia tai videokuvaa liitetyltä USB Flash -asemalta tai USB-kiintolevyasemalta.

Kun televisio on käynnistetty, kytke USB Flash -asema tai USB-kiintolevy johonkin USB-liitäntään. Televisio havaitsee laitteen ja näyttää mediatiedostosi luettelona.





Jos tiedostoluettelo ei tule näkyviin automaattisesti, toimi seuraavasti.

- 1 - Paina  Koti-painiketta ja valitse **TV-kanavat** .
- 2 - Valitse  **USB** ja paina **OK**-painiketta.
- 3 - Voit selata tiedostoja siinä kansiorakenteessa, jonka olet luonut levyllä.
- 4 - Lopeta videoiden, valokuvien ja musiikin toistaminen painamalla  -painiketta.

Videoiden toistaminen

Videoiden toistaminen

Videokansion avaaminen

- 1 - Paina  Koti-painiketta ja valitse **TV-kanavat** .
- 2 - Valitse  **USB** >  **Videot** ja paina **OK**-painiketta.

Palaa kansioon painamalla  -painiketta.

Videon toistaminen






- 1 - Paina  Koti-painiketta ja valitse **TV-kanavat** .
- 2 - Valitse  **USB** >  **Videot** ja paina **OK**-painiketta.
- 3 - Valitse video.

Voit keskeyttää videon painamalla **OK**-painiketta. Jatka painamalla **OK**-painiketta uudelleen.

Hallintapalkki

Voit näyttää tai piilottaa hallintapalkin videon toiston aikana painamalla **OK**-painiketta.







- 1 - Tilanneilmaisin
- 2 - Toiston hallintapalkki
 - : Siirry kansion edelliseen videoon
 - : Siirry kansion seuraavaan videoon
 - : Siirry taaksepäin
 - : Siirry nopeasti eteenpäin
 - : Keskeytä toisto

- 3 - Merkitse suosikiksi
- 4 - Toista kaikki videot
- 5 - Tekstitys: tekstityksen käynnistäminen, sen poistaminen käytöstä ja sen käynnistäminen, kun ääni on mykistetty.
- 6 - Tekstityskieli: Valitse tekstityskieli (ei käytettävissä ammattilaistilassa).
- 7 - Äänen kieli: valitse äänen kieli
- 8 - Satunnaistoisto: toistaa tiedostot satunnaisessa järjestyksessä
- 9 - Uusinta: toistaa kaikki kansion videot kerran tai jatkuvasti





Kuvien katselu

Kuvien katselu

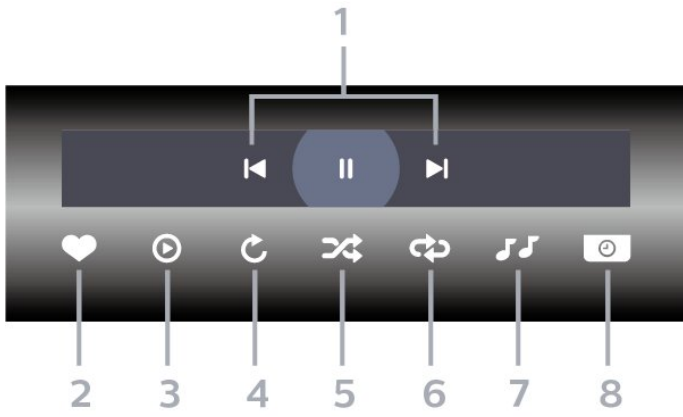
Valokuvakansion avaaminen

- 1 - Paina  Koti-painiketta ja valitse **TV-kanavat** .
- 2 - Valitse  **USB** >  **Valokuvat** ja paina **OK**-painiketta.

Valokuvan katselu

- 1 - Paina  Koti-painiketta ja valitse **TV-kanavat** .
- 2 - Valitse  **USB** >  **Valokuvat** ja paina **OK**-painiketta.
- 3 - Valitse **Valokuvat** ja valitse sitten yksi kuvista .

Hallintapalkki



- 1 - Toiston hallintapalkki
- ◀: Siirry kansion edelliseen valokuvaan
 - ▶: Siirry kansion seuraavaan valokuvaan
 - ||: Keskeytä diaesityksen toisto

- 2 - Merkitse suosikiksi
- 3 - Aloita diaesitys
- 4 - Kierrä kuvaa
- 5 - Satunnaistoisto: toistaa tiedostot satunnaisessa järjestyksessä
- 6 - Uusinta: toistaa kansion kuvat kerran tai jatkuvasti
- 7 - Taustamusiikin toiston pysäyttäminen (ei käytettävissä ammattilaistilassa)
- 8 - Määritä diaesityksen nopeus

360-valokuvien katselu

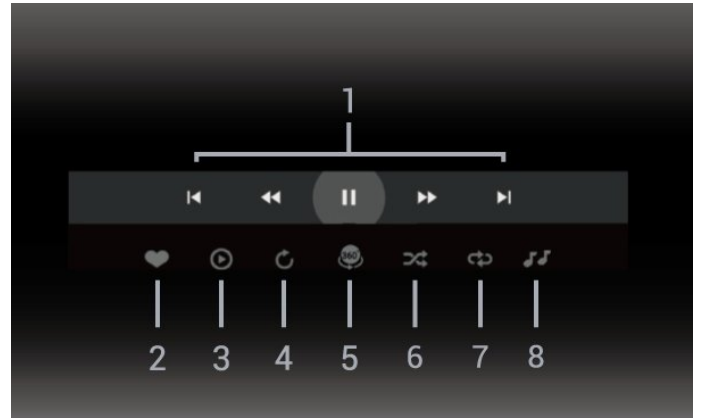
360-valokuvakansion avaaminen

- 1 - Paina Koti-painiketta ja valitse TV-kanavat
- 2 - Valitse USB-laitteet ja valitse haluamasi USB-laite painamalla (oikea) -painiketta.
- 3 - Valitse 360-valokuvat .

360-valokuvan katselu

- 1 - Paina Koti-painiketta ja valitse TV-kanavat
- 2 - Valitse USB-laitteet ja valitse haluamasi USB-laite painamalla (oikea) -painiketta.
- 3 - Valitse 360-valokuvat ja valitse sitten yksi kuvista.

Hallintapalkki



- 1 - Toiston hallintapalkki
- ◀: Siirry kansion edelliseen valokuvaan
 - ▶: Siirry kansion seuraavaan valokuvaan
 - ◀◀: Takaisinkelaus 2-, 4- tai 32-kertaisella nopeudella
 - ▶▶: Eteenpäinkelaus 2-, 4- tai 32-kertaisella nopeudella
 - ||: Keskeytä toisto

- 2 - Merkitse suosikiksi
- 3 - Toista yksi / Toista kaikki: toista yksi kuva tai kansion kaikki kuvat.
- 4 - Manuaalinen tila / Automaattinen tila: 360-soitin panoroi automaattisesti valitun 360-valokuvan 360-näkymään vasemmalta oikealle (0–360 astetta).
- 5 - Little Planet -näkyminen: Little Planet -näkyminen on hauska ja kätevä tapa katsella 360-valokuvia. Little Planet -näkyksessä 360-valokuva hahmonnetaan planeetan ympärille.
- 6 - Satunnaistoisto: toistaa tiedostot satunnaisessa järjestyksessä
- 7 - Uusinta: toistaa kansion kuvat kerran tai jatkuvasti
- 8 - Pysäytä taustamusiikki.

8.4

Toista musiikkia

Toista musiikkia

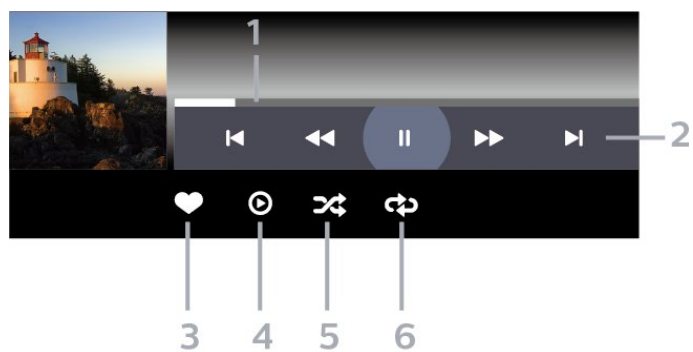
Musiikkikansion avaaminen

- 1 - Paina Koti-painiketta ja valitse TV-kanavat
- 2 - Valitse USB-laitteet, sitten Musiikki ja paina OK-painiketta.

Toista musiikkia

- 1 - Paina Koti-painiketta ja valitse TV-kanavat
- 2 - Valitse USB-laitteet , sitten Musiikki ja paina OK-painiketta.
- 3 - Voit etsiä musiikkikappaleita helposti käyttämällä luokkia – Lajit, Esittäjät, Albumit, Raidat.

Hallintapalkki



1 - Tilanneilmaisin

2 - Toiston hallintapalkki

- ◀: Siirry kansion edelliseen musiikkitiedostoon

- ▶: Siirry kansion seuraavaan musiikkitiedostoon

◀◀: Siirry taaksepäin

▶▶: Siirry nopeasti eteenpäin

⏸: Keskeytä toisto

3 - Merkitse suosikiksi

4 - Toista kaikki musiikki

5 - Satunnaistoisto: toistaa tiedostot satunnaisessa järjestyksessä

6 - Uusinta: toistaa kansion musiikkisisällön kerran tai jatkuvasti

Pelit

Pelaaminen



Pelikonsolista



Pelin käynnistäminen pelikonsolista

Kytke pelikonsoliin virta.



Ammattilaistila EI KÄYTÖSSÄ – Valitse  Koti >  Sovellukset. Valitse Lähteet ja paina OK-painiketta.

Käynnistä peli.

Paina  BACK -painiketta toistuvasti tai paina  EXIT -painiketta tai lopeta sovellus sen omalla poistumis-/pysäytyspainikkeella.

Ammattilaistila KÄYTÖSSÄ – Paina  Koti-painiketta, valitse **TV-kanavat**  ja sitten pelikonsoli tai yhteyden nimi.

Käynnistä peli.



Paina  BACK -painiketta toistuvasti tai paina  EXIT -painiketta tai lopeta sovellus sen omalla poistumis-/pysäytyspainikkeella.



Sovellukset-valikosta

Pelin käynnistäminen sovellusvalikosta



Ammattilaistila EI KÄYTÖSSÄ – Valitse  Koti > valitse  Sovellukset > Google Play Pelit.

Kirjaudu sisään Google-tilillesi ja aloita peli.

Paina  BACK -painiketta useita kertoja tai paina  EXIT -painiketta tai lopeta sovellus sen omalla poistumis-/pysäytyspainikkeella.

Ammattilaistila EI KÄYTÖSSÄ – Valitse  Koti. Valitse  Pelit.

Kirjaudu sisään Google-tilillesi ja aloita peli.

Paina  BACK -painiketta useita kertoja tai paina  EXIT -painiketta tai lopeta sovellus sen omalla poistumis-/pysäytyspainikkeella.

Ammattilaistila- valikko

Tietoja Ammattilaistila- valikosta

Ammattilaistila-valikossa voit käynnistää minkä tahansa TV:n toiminnoista.

Ammattilaistila-valikko on järjestetty seuraavasti:

- Suositus 👍
- TV-kanavat 📺
- Cast 📶
- Sovellukset 🗄️
- Pelit 🎮
- Enemmän ⋮

Ammattilaistila-valikon oikea yläreuna on järjestetty seuraavasti:

- Tilin hallinta
- Viestit ✉️ (valinnainen toiminto hotellin omien asetusten mukaisesti)
- Lasku 📄 (valinnainen toiminto hotellin omien asetusten mukaisesti)
- Aseta herätys ⌚
- Sää 🌤️
- Valikoiden kieli 🗣️
- Nykyinen aika

Avaa Ammattilaistila-valikko

Ammattilaistila EI KÄYTÖSSÄ – katso lisätietoja kohdasta Android TV:n aloitusnäyttö.

Ammattilaistila KÄYTÖSSÄ – avaa Ammattilaistila-valikko ja valitse toiminto.

- 1 - Avaa Ammattilaistila-valikko valitsemalla Koti 🏠.
- 2 - Valitse toiminto nuolipainikkeilla ja käynnistä toiminto painamalla OK-painiketta.
- 3 - Sulje Ammattilaistila-valikko nykyistä toimintoa muuttamatta painamalla ←-painiketta.



Taustasovelluksen käyttö tai sisällön toisto keskeytetään, kun avaat Ammattilaistila-valikon. Voit jatkaa Ammattilaistila-valikon käyttöä tai sisällön toistamista valitsemalla sovelluksen tai sisällön aloitusnäytössä.

TV-kanavat

Kanavien katseleminen

Kanavan virittäminen

Voit aloittaa TV-kanavien katselun painamalla **TV** -painiketta. TV siirtyy viimeksi katsellulle TV-kanavalle.

Kanavan vaihtaminen

- Vaihda kanavaa CH +/- -painikkeilla.

Edellinen kanava

- Voit palata edelliselle kanavalle painamalla **← BACK** -painiketta.

Pelit

Avaa Ammattilaistila-valikko ja valitse Pelit.

1 - Painamalla **🏠** Koti-painiketta voit avata Ammattilaistila-valikon.

2 - Valitse **Pelit 🎮** ja paina OK-painiketta.

Ihanteellinen peliasetus





Jos pelin nopeus ja tarkkuus on tärkeää, aseta TVpelitilaan, ennen kuin alat pelata.

Jos pelikonsoli on lisätty lähdevalikkoon (liitäntäluettelo) Peli-tyyppisenä laitteena, televisioon määritetään optimaaliset peliasetukset automaattisesti.


Jos pelikonsolin tyyppi on asetettu **Pelaaja** ja sitä

käytetään enimmäkseen aikaa soittimena, anna laitetyypin olla **Soitin**.

TV:n ihanteellisen asetuksen määrittäminen manuaalisesti: . .

1 - Valitse  Koti >  Enemmän >  Asetukset >  Kuva > Kuvatyyli.

2 - Valitse **Peli** ja paina **OK**-painiketta.





3 - Sulje valikko painamalla -painiketta tarvittaessa useita kertoja. Muista poistaa Peli tai tietokone -asetus käytöstä, kun lopetat pelaamisen.

10.5


Ammattitason asetukset

Kuvatyyli

Tyylin valitseminen

Valitse  Koti >  Enemmän >  Asetukset >  Kuva > Kuvatyyli.

Voit säätää kuvaa helposti valitsemalla esimääritetyn kuvatyyliasetuksen.





- Oma asetus – ensimmäisellä käyttökerralla määrittämäsi kuva-asetukset.
- Eloisa – paras asetus katseluun valoisaan aikaan
- Luonnollinen – luonnolliset kuva-asetukset
-  Standardi – eniten energiaa säästävä asetus, oletusasetus
- Elokuva – paras asetus elokuvien katseluun
- Peli – paras asetus pelien pelaamiseen
- Tietokone – paras asetus yhdistetystä tietokoneesta tulevan kuvan katseluun

Kuvamuoto

Valitse kuvamuoto

Jos kuva ei täytä koko kuvaruutua eli ylä- ja alareunassa tai molemmilla sivuilla on mustat palkit, voit säätää kuvan koko kuvaruudun kokoiseksi.

Kuvaruudun täyttäminen perusasetuksella




Valitse  Koti >  Enemmän >  Asetukset >  Kuvamuoto.

Seuraavat kuvamuodot voivat olla käytettävissä kuvaruudussa näkyvän kuvan mukaan.

- Laajakuva
- Koko näyttö
- Kuva, venytys
- Skaalaamaton

Äänityyli

Tyylin valitseminen


Valitse  Koti >  Enemmän >  Asetukset >  Ääni > Äänityyli.

Jotta äänen asetusten säätö olisi helppoa, voit valita esimääritetyn asetuksen äänityylin avulla.

- Oma asetus – Mukauta kuvaa ja ääntä -kohdassa tekemäsi valinnat
- Alkuperäinen – neutraalein ääniasetus
- Elokuva – paras asetus elokuvien katseluun
- Musiikki – paras asetus musiikin kuunteluun
- Peli – paras asetus pelien pelaamiseen
- Uutiset – paras asetus puheelle

Kieli





Vaihda television valikkojen ja viestien kieli

Valitse  Koti >  Enemmän >  Asetukset >  Valikoiden kieli.

Valitse kieli ja paina **OK**-painiketta.

Eco-asetukset





Sulje näyttö virran säästämiseksi



Valitse  Koti >  Enemmän >  Ominaisuudet >  Uniajastin > Näyttö pois.

Voit sammuttaa TV-ruudun, jos vain kuuntelet TV:n ääntä.

Vain TV-ruutu poistetaan käytöstä.

Aseta sammutuksen ajastin

Valitse  Koti >  Enemmän >  Ominaisuudet >  Uniajastin > Uniajastin.

Suurena tai pienennä arvoa painamalla nuolipainikkeita  (ylös) tai  (alas). Arvo 0 (Pois) poistaa automaattisen sammutuksen käytöstä.

Sammutuksen ajastimen ansiosta TV sammuu automaattisesti virran säästämiseksi.

Jos käytät televisiota tietokoneen näyttönä tai katselet televisiota digitaalivastaanottimella (digisovittimella), poista automaattinen virrankatkaisu käytöstä valitsemalla arvoksi 0.

Google-tili

Kirjaudu

Jos haluat nauttia Philips Android TV:n kaikista ominaisuuksista, voit kirjautua Googleen omalla Google-tililläsi.

Sisäänkirjautumisen jälkeen voit pelata suosikkipelejäsi niin puhelimella, tabletilla kuin televisiolla. Saat myös mukautettuja video- ja musiikkisuosituksia televisiosi aloitusnäyttöön ja voit käyttää YouTubea, Google Play -palvelua ja muita sovelluksia.

Kirjaudu Googleen televisiolla käyttämällä **Google-tiliäsi**. Google-tili koostuu sähköpostiosoitteesta ja salasanasta. Jos sinulla ei vielä ole Google-tiliä, voit luoda sellaisen tietokoneella tai tabletilla (accounts.google.com). Jos et kirjautunut sisään ensimmäisen TV-asennuksen aikana, voit aina kirjautua sisään myöhemmin.

Kirjaudu

Valitse  > Avaa Ammattilaistila-valikko.

Valitse Ammattilaistila-valikon oikeasta yläreunasta Tilin hallinta ja paina **OK**-painiketta. Kirjoita näyttönäppäimistöllä sähköpostiosoite ja salasana ja kirjaudu sisään painamalla **OK**-painiketta.

Android TV:n aloitusnäyttö

Tietoja Android TV:n aloitusnäytöstä

Pääset hyödyntämään Androidia TV:tä parhaalla mahdollisella tavalla yhdistämällä television internetiin.

Aloituspäyttö on Android-älypuhelimien tai -tablet-laitteen tapaan television toimintojen keskipiste. Aloitusnäytössä voit valita katseltavan sisällön useasta eri vaihtoehdosta. Aloitusnäytöstä voit siirtyä helposti katsomaan suosikkisovelluksiesi sisältöjä. Voit lisätä kanavia tai etsiä uusia sovelluksia.

Android TV:n aloitusnäytön avaaminen

Ammattilaistila KÄYTÖSSÄ – Lisätietoja on asennusoppaassa.

Ammattilaistila EI KÄYTÖSSÄ – Avaa Android TV:n aloitusnäyttö ja valitse toiminto.

1 - Paina valikkopainiketta, siirry kohtaan Philips Collection ja paina OK-painiketta.

2 - Valitse toiminto nuolipainikkeilla ja käynnistä toiminto painamalla OK-painiketta.

3 - Sulje aloitusvalikko nykyistä toimintoa muuttamatta painamalla ←-painiketta.



Taustasovelluksen käyttö tai sisällön toisto keskeytetään, kun avaat Android TV:n aloitusnäytön. Voit jatkaa sovelluksen käyttöä tai sisällön toistamista valitsemalla sovelluksen tai sisällön Android TV:n aloitusnäytössä.

Android TV:n asetukset

Kuva

Kuvan asetukset

Kuvatyyli

Tyylin valitseminen

Valitse > Asetukset > Kuva > Kuvatyyli. Voit säätää kuvaa helposti valitsemalla esimääritetyn kuvatyyliasetuksen.

- Oma asetus – ensimmäisellä käyttökerralla määrittämäsi kuva-asetukset.
- Eloisa – paras asetus katseluun valoisaan aikaan
- Luonnollinen – luonnolliset kuva-asetukset
- Standardi – eniten energiaa säästävä asetus, oletusasetus
- Elokuva – paras asetus elokuvien katseluun
- Peli – paras asetus pelien pelaamiseen
- Tietokone – paras asetus yhdistetystä tietokoneesta tulevan kuvan katseluun

Väri, kontrasti, terävyys, kirkkaus

Säädä kuvan väriä

Valitse Koti > Asetukset > Kuva > Väri. Säädä kuvan värikylläisyyttä nuolipainikkeilla (ylös) ja (alas).

Säädä kuvan värikontrastia

Valitse Koti > Asetukset > Kuva > Kontrasti. Säädä kuvan kontrastia nuolipainikkeilla (ylös) tai (alas).

Voit vähentää virrankulutusta pienentämällä kontrastia.

Säädä kuvan terävyyttä

Valitse Koti > Asetukset > Kuva > Terävyys. Säädä kuvan terävyyttä nuolipainikkeilla (ylös) ja (alas).

Kirkkauden säätäminen

Valitse Koti > Asetukset > Kuva > Kirkkaus. Määritä kuvasignaalin kirkkaus nuolipainikkeella (ylös) tai (alas).



Huomautus: Jos kirkkaus poikkeaa paljon viitearvosta (50), kontrasti saattaa olla alhaisempi.

Kuvien lisäasetukset

Väriasetukset

Väriasetuksien lisäasetukset



Säädä värien parannusta

Valitse  Koti >  Asetukset >

Kuva > Lisäasetukset > Väri > Värien parannus.

Valitse värien vahvuuden ja tarkkuuden tasoksi Maksimi, Normaali tai Minimi.

Valitse esiasetettu värilämpötila

Valitse  Koti >  Asetukset >

Kuva > Lisäasetukset > Väri > Värilämpötila.



Määritä haluamasi värilämpötila

valitsemalla Normaali, Lämmin tai Kylmä .

Mukauta värilämpötilaa

Valitse  Koti >  Asetukset > Kuva >

Lisäasetukset > Väri > Mukautettu värilämpötila.

Jos haluat mukauttaa värilämpötilaa itse, valitse Värilämpötila-valikossa Mukauta. Suurena tai pienennä arvoa painamalla nuolipainikkeita  (ylös) tai  (alas). WP tarkoittaa valkopistettä ja BL mustan tasoa. Voit valita myös jonkin valikossa olevista esimääritetyistä asetuksista.

Kontrastin lisäasetukset

Kontrastitilat

Valitse  Koti >  Asetukset > Kuva >

Lisäasetukset > Kontrasti > Kontrastitila.

Valitsemalla asetuksen Normaali, Optimoitu kuva tai Optimoitu energiansäästö TV vähentää kontrastia automaattisesti ja takaa alhaisimman virrankulutuksen tai parhaan kuvanlaadun. Voit poistaa säädön käytöstä valitsemalla Pois.

Dynaaminen kontrasti

Valitse  Koti >  Asetukset > Kuva >

Lisäasetukset > Kontrasti > Dynaaminen kontrasti.



Maksimi-, Keskitaso- tai Minimi-asetuksella voidaan valita taso, jolla TV alkaa automaattisesti parantaa yksityiskohtia kuvan tummilla, keskivaloisilla ja valoisilla alueilla.

Videokontrasti, gamma

Videokontrasti

Valitse  Koti >  Asetukset > Kuva >



Lisäasetukset > Kontrasti > Videokontrasti.

Säädä videokontrastin tasoa nuolipainikkeella  (ylös) tai  (alas).

Gamma

Valitse  Koti >  Asetukset > Kuva >



Lisäasetukset > Kontrasti > Gamma.

Määritä epälineaarinen kuvan kirkkauden ja kontrastin asetus nuolipainikkeella  (ylös) tai  (alas).

Terävyyden lisäasetukset

Kirkas kuva


Kohinanvaimennus

Valitse  Koti >  Asetukset > Kuva > Lisäasetukset > Kirkas kuva > Kohinanvaimennus.

Valitse videosisällön kohinanvaimennuksen tasoksi Maksimi, Normaali tai Minimi.

Kohina näkyy kuvassa pieninä liikkuvina pisteinä.

MPEG artifact -vähentyminen

Valitse  Koti >  Asetukset > Kuva > Lisäasetukset > Kirkas kuva > MPEG artifact -vähentyminen.

Valitse digitaalisen videosisällön häiriöiden poiston tasoksi Maksimi, Normaali tai Minimi.

MPEG-häiriöt ilmenevät tavallisimmin pieninä ruutuina tai epätasaisina reunoina kuvassa.

Kuvamuoto

Jos kuva ei täytä koko kuvaruutua eli ylä- ja alareunassa tai molemmilla sivuilla on mustat palkit, voit säätää kuvan koko kuvaruudun kokoiseksi.

Kuvaruudun täyttäminen perusasetuksella

1 - Valitse TV:n katselun aikana  Koti >  Asetukset > Kuva > Kuvamuoto.

2 - Valitse kuvasuhde luettelosta ja paina OK -painiketta.

3 - Sulje valikko painamalla  BACK -painiketta (tarvittaessa useita kertoja).



Seuraavat kuvaformatit voivat olla käytettävissä kuvaruudussa näkyvän kuvan mukaan. . .

- Laajakuva
- Koko näyttö
- Kuva, venytys
- Skaalaamaton

Ääni

Äänityyli


Tyylin valitseminen

Valitse  Koti >  Asetukset > Ääni > Äänityyli. Jotta äänen asetusten säätö olisi helppoa, voit valita esimääritetyn asetuksen äänityylin avulla.

- Oma asetus – Mukauta kuvaa ja ääntä -kohdassa tekemäsi valinnat
- Alkuperäinen – neutraalein ääniasetus
- Elokuva – paras asetus elokuvien katseluun
- Musiikki – paras asetus musiikin kuunteluun
- Peli – paras asetus pelien pelaamiseen
- Uutiset – paras asetus puheelle

Äänentoiston hallinta

Valitse laite.

Valitse  Koti >  Asetukset > Ääni > Äänentoiston hallinta.

Määritä äänentoistolaitteet.

- TV-kaiuttimet – Määritä TV toistamaan ääni TV:n tai liitetyn äänentoistojärjestelmän kautta.
- Kuulokkeet/kylpyhuonekaiuttimet – käytössä / ei käytössä
- Kuuloke-/kylpyhuonetoiston kiinteä äänenvoimakkuus – Kun tämä on käytössä, kuuloke-/WC-toistossa käytetään käynnistysasetusta kiinteästi.
- Kuulokkeiden tunnistus – käytössä / ei käytössä.

TV:n sijoittelu



Valitse  Koti >  Asetukset > Ääni > TV:n sijoittelu.

Valitse parhaan äänentoiston takaamiseksi TV-jalustalla- tai Seinällä-asetus.


Edistynyt


Eco-asetukset

Uniajastin

Valitse  Koti >  Asetukset > Eco-asetukset > Uniajastin.

Määritä TV siirtymään valmiustilaan esimääritetyn ajan kuluttua. Aseta ajastimen arvoksi nolla, jos haluat poistaa toiminnon käytöstä.



Suurena tai pienennä arvoa painamalla nuolipainikkeita  (ylös)

tai  (alas). Arvo 0 (Pois) poistaa automaattisen sammutuksen käytöstä.

Sammutuksen ajastimen ansiosta TV sammuu automaattisesti virran säästämiseksi.

Jos käytät televisiota tietokoneen näyttönä tai katselet televisiota digitaalivastaanottimella (digitisovittimella), poista automaattinen virrankatkaisu käytöstä valitsemalla arvoksi 0.

Näyttö pois



Valitse  Koti >  Asetukset > Eco-asetukset > Näyttö pois.

Voit sammuttaa TV-ruudun, jos vain kuuntelet TV:n ääntä.

Vain TV-ruutu poistetaan käytöstä.

Alue ja kieli



Kielet

Valitse  Koti >  Asetukset > Alue ja kieli > Kielet.

Määritä alue- ja kieliasetukset.



- Android-järjestelmän/valikoiden kieli – Vaihda television valikkojen ja viestien kieli.
- Ensisijainen ääni – Määritä lähetysten äänen kielen korkein asetus.
- Toissijainen ääni – Määritä lähetysten äänen kielen seuraava asetus.
- Ensisijainen teksti – Määritä lähetysten tekstityksen kielen korkein asetus.
- Toissijainen teksti – Määritä lähetysten tekstityksen kielen seuraava asetus.
- Ensisijainen teksti-TV – Määritä lähetysten teksti-TV:n kielen ensisijainen asetus.
- Toissijainen teksti-TV – Määritä lähetysten teksti-TV:n kielen seuraava asetus.

Erytisryhmäasetukset

Valitse  >  Asetukset > Käytettävyys > Erytisryhmille.

Kun Erytisryhmille-asetus on käytössä, kuurot, kuulorajoitteiset, sokeat tai heikkonäköiset voivat käyttää televisiota helpommin.

Ota erityisryhmäasetukset käyttöön

Valitse  >  Asetukset > Käytettävyys > Erytisryhmille > Käytössä.



Erytisryhmäasetukset – kuulorajoitteiset

Valitse  >  Asetukset > Käytettävyys >


Erityisryhmille > Kuulemisvaikeus > Käytössä.



- Jotkin digitaaliset TV-kanavat lähettävät ohjelmissaan kuulorajoitteisille tai kuuroille katselijoille tarkoitettua ääntä ja tekstitystä.
- Televisio siirtyy automaattisesti käyttämään kuulovammaisille tarkoitettua ääntä ja tekstitystä, kun ne ovat saatavilla.

Erityisryhmäasetukset – näkörajoitteiset

Valitse  >  Asetukset > Käytettävyys > Erityisryhmille > Äänikuvaus > Äänikuvaus > Käytössä.

Digitaaliset TV-kanavat voivat lähettää ääniselostuksen, joka kuvailee ruudun tapahtumia.

 Asetukset > Käytettävyys > Erityisryhmille > Äänikuvaus > Yhd. voimakkuus, Äänitehosteet, Puhe.

- Yhdistetty äänenvoimakkuus -tilassa voit yhdistää normaalin äänenvoimakkuuden selostuksen äänen kanssa. Suurena tai pienennä arvoa painamalla nuolipainikkeita  (ylös) tai  (alas).
- Voit käyttää selostuksessa äänitehosteita, kuten stereo- tai häivytyssäntä, valitsemalla Äänitehoste-asetukseksi Päälle.
- Valitse Puhe ja määritä puheasetuksen arvoksi Kuvaava tai Tekstitys.



Sisältöluokitus

Luokitustaso

Valitse  >  Asetukset > Sisältöluokitus.

Voit estää lapsia katsomasta heille sopimatonta ohjelmaa määrittämällä ikäluokituksen. Digitaalisten kanavien ohjelmilla saattaa olla ikäluokitus. Jos jonkin ohjelman ikäluokitus on sama tai korkeampi kuin lapsellesi asettamasi ikäluokitus, ohjelma lukitaan. Jos haluat katsella lukittua ohjelmaa, sinun täytyy ensin antaa koodi.

Ikäluokituksen asettaminen

Valitse  >  Asetukset > Sisältöluokitus > Luokitustaso.


Aseta ikä ja paina OK-painiketta. Jos haluat poistaa ikäluokituksen käytöstä, valitse Ei mitään. Joissakin maissa ikäluokitus täytyy määrittää.

Aseta koodi tai vaihda koodi

Valitse  Koti >  Asetukset > Sisältöluokitus.

Lapsilukon koodilla voidaan lukita kanavia ja ohjelmia sekä poistaa niiden lukitus.

Aseta uusi koodi tai vaihda nykyinen koodi.

Valitse  Koti >  Asetukset > Sisältöluokitus > Muuta koodi.

Huomautus:

Jos olet unohtanut PIN-koodin, voit ohittaa sen kirjoittamalla **8888** ja määrittää uuden koodin.

11.4

Android TV:si yhdistäminen

Verkko ja internet

Kotiverkko

Jos haluat nauttia Philips Android TV:n kaikista ominaisuuksista, televisiosi yhdistettävä internetiin.

Yhdistä televisio kotiverkon kautta nopeaan internet-yhteyteen. Voit liittää television reitittimeesi langattomasti tai kaapelilla.

Yhdistä verkkoon

Langaton yhteys

Vaatimukset

Jos haluat yhdistää TV:n langattomasti internetiin, tarvitset Wi-Fi-reitittimen, jossa on internet-yhteys.

Käytä nopeaa (laajakaista) yhteyttä.



Yhteyden muodostaminen

Yhteyden muodostaminen – LANGATON

Valitse  Koti >  Asetukset >  Langaton ja verkko > Yhdistä verkkoon > LANGATON.

1 - Valitse löydettyjen verkkojen luettelosta oma langaton verkkosi. Jos verkkoasi ei näy luettelossa, koska verkon nimi on piilotettu (olet poistanut reitittimen SSID-lähetysten käytöstä), valitse Lisää uusi verkko ja kirjoita verkon nimi itse.

2 - Kirjoita reitittimen tyyppin mukaan salausavaimesi – WEP, WPA tai WPA2. Jos olet aiemmin antanut saman verkon salausavaimen, voit muodostaa yhteyden heti valitsemalla OK.

3 - Näyttöön tulee viesti yhteyden muodostamisesta.


Yhteyden muodostaminen – WPS

Valitse  Koti >  Asetukset >  Langaton ja verkko > Yhdistä verkkoon > WPS.

Jos reitittimessä on WPS, voit muodostaa siihen yhteyden suoraan etsimättä verkkoja. Jos langattomassa verkossasi on laitteita, jotka käyttävät WEP-suojaussalausjärjestelmää, et voi käyttää WPS:ää.

- 1 - Siirry reitittimeen, paina WPS-painiketta ja palaa TV:hen kahden minuutin kuluessa.
- 2 - Muodosta yhteys valitsemalla Yhdistä.
- 3 - Näyttöön tulee viesti yhteyden muodostamisesta.

Yhteyden muodostaminen – WPS JA PIN-KOODI

Valitse  Koti >  Asetukset >  Langaton ja verkko > Yhdistä verkkoon > WPS JA PIN-KOODI.

Jos reitittimessä on WPS ja PIN-koodi, voit muodostaa siihen yhteyden suoraan etsimättä verkkoja. Jos langattomassa verkossasi on laitteita, jotka käyttävät WEP-suojaussalausjärjestelmää, et voi käyttää WPS:ää.

- 1 - Kirjoita muistiin 8-numeroinen PIN-koodi ja anna tietokoneen reititinohjelmistoon. Katso reitittimen käyttöohjeesta, mihin ohjelmiston kohtaan PIN-koodi kirjoitetaan.
- 2 - Muodosta yhteys valitsemalla Yhdistä.
- 3 - Näyttöön tulee viesti yhteyden muodostamisesta.

Ongelmat

Langatonta verkkoa ei löydy / häiriö verkossa

- Mikroaaltouunit, DECT-puhelimet ja muut Wi-Fi 802.11b/g/n -laitteet lähietäisyydellä saattavat häiritä langatonta verkkoa.
- Varmista, että verkon palomuurit sallivat langattoman yhteyden televisioon.
- Jos langaton verkko ei toimi kunnolla, kokeile asentaa kiinteä yhteys.

Internet ei toimi

- Jos reititinyhteys on kunnossa, tarkista reitittimen internetyhteys.

Tietokone- ja internetyhteydet ovat hitaita

- Langattoman reitittimen käyttöoppaassa on tietoja verkon kantamasta sisätiloissa, siirtonopeudesta ja muista signaalin laatuun vaikuttavista tekijöistä.
- Käytä nopeaa internetyhteyttä (laajakaistayhteyttä) reitittimelle.

DHCP

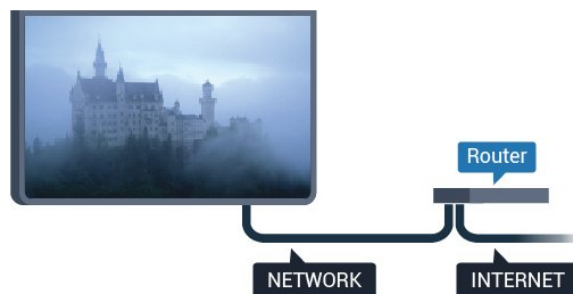
- Jos yhteys epäonnistuu, tarkista reitittimen DHCP

(Dynamic Host Configuration Protocol) -asetus. DHCP:n on oltava käytössä.

Kiinteä yhteys

Vaatimukset

Kun yhdistät TV:n internetiin, tarvitset verkkoreitittimen, jossa on internetyhteys. Käytä nopeaa (laajakaista) yhteyttä.



Yhteyden muodostaminen

Yhteyden muodostaminen – WIRED

Valitse  Koti >  Asetukset >  Langaton ja verkko > Yhdistä verkkoon > WIRED.

- 1 - Liitä reititin televisioon verkkokaapelilla (Ethernet-kaapelilla**).
- 2 - Varmista, että reitittimen virta on kytketty.
- 3 - Televisio etsii verkkoyhteyttä jatkuvasti.
- 4 - Näyttöön tulee viesti yhteyden muodostamisesta.

Jos yhteys epäonnistuu, tarkista reitittimen DHCP-asetus. DHCP:n on oltava käytössä.

**Varmista EMC-säädösten noudattaminen käyttämällä suojattua FTP Cat. 5E Ethernet -kaapelia.

Google-tili

Kirjaudu

Jos haluat nauttia Philips Android TV:n kaikista ominaisuuksista, voit kirjautua Googleen omalla Google-tililläsi.

Sisäänkirjautumisen jälkeen voit pelata suosikkipelejäsi niin puhelimella, tabletilla kuin televisiolla. Saat myös mukautettuja video- ja musiikkisuosituksia televisiosi aloitusnäyttöön ja voit käyttää YouTubea, Google Play -palvelua ja muita sovelluksia.

Kirjaudu Googleen televisiolla käyttämällä **Google-tiliäsi**. Google-tili koostuu sähköpostiosoitteesta ja salasanasta. Jos sinulla ei vielä ole Google-tiliä, voit

luoda sellaisen tietokoneella tai tabletilla (accounts.google.com). Tarvitset Google+-profiilin, jotta voit pelata pelejä Google Play -palvelulla. Jos et kirjautunut sisään ensimmäisen TV-asennuksen aikana, voit aina kirjautua sisään myöhemmin.

Kirjaudu


Valitse  Koti >  Sovellukset > Google Play Kauppa.

Kirjoita näyttönäppäimistöllä sähköpostiosoite ja salasana ja kirjaudu sisään painamalla OK-painiketta.

Android-asetukset

Voit määrittää tai tarkastella useita vain Androidiin liittyviä asetuksia ja tietoja. Näet televisioon asennettujen sovellusten luettelon ja niiden tarvitseman tallennustilan. Voit määrittää kielen, jota äänihaussa käytetään. Voit määrittää näytössä näkyvän näppäimistön tai antaa sovelluksille oikeuden käyttää sijaintiasi. Tutustu erilaisiin Android-asetuksiin. Lisätietoja näistä asetuksista saat osoitteesta www.support.google.com/androidtv.

Asetuksien avaaminen


Valitse  Koti >  Asetukset > Asetukset > Android-asetukset.

11.5

Kanavat

Kanavien katseleminen

Kanavan virittäminen

Voit aloittaa TV-kanavien katselun painamalla  -painiketta. TV siirtyy viimeksi katsellulle TV-kanavalle.

Kanavan vaihtaminen

- Vaihda kanavaa painamalla CH+ tai CH-.

Edellinen kanava

- Voit palata edelliselle kanavalle painamalla  BACK -painiketta.

11.6

Kanavien asennus

Kanavien asentaminen

Antenni-/kaapelasennus

Kanavien haku

Voit asentaa kaikki kanavat uudelleen muuttamatta muita television asetuksia.

Jos PIN-koodi on määritetty, tarvitset sen, jotta voit asentaa kanavat uudelleen.

Kanavien haku

1 - Valitse  Koti >  Asetukset > Kanavien asentaminen ja paina OK-painiketta.

2 - Valitse **RF-kanavien asennus** ja paina OK-painiketta.

3 - Kirjoita tarvittaessa PIN-koodisi.

Valitse **Kanavien haku** ja paina OK-painiketta.

Valitse **Aloita** ja paina OK-painiketta.

Valitse asuinmaasi ja paina OK-painiketta.

Valitse **Aloita** ja paina OK-painiketta.



Valitse haluamasi asennustyyppi, **Antenni (DVB-T)** tai **Kaapeli (DVB-C)**, ja paina OK-painiketta.

Valitse **Seuraava** ja paina OK-painiketta.

Valitse haluamasi kanavatyypit, **Digitaaliset ja analogiset kanavat** tai **Vain digitaaliset kanavat**, ja paina OK-painiketta.


Valitse **Seuraava** ja paina OK-painiketta.

Valitse **Aloita** ja päivitä digitaalikanavat painamalla OK-painiketta. Tämä voi kestää muutaman minuutin.

Siirry yksi vaihe taaksepäin painamalla  (vasen) -painiketta tai sulje valikko painamalla  BACK -painiketta.

Autom. kanavapäivitys

Jos vastaanotat digitaalisia kanavia, voit asettaa television päivittämään ne automaattisesti.

Televisio päivittää kanavat ja tallentaa uusia kanavia kerran päivässä, klo 6. Uudet kanavat tallennetaan kanavaluetteloon, ja niiden yhteydessä näkyy  -merkintä. Signaalittomat kanavat poistetaan. Televisio voi päivittää kanavat automaattisesti vain valmiustilassa. Voit poistaa automaattisen kanavapäivityksen käytöstä.

Automaattisen päivityksen poistaminen käytöstä



1 - Valitse  Koti >  Asetukset > Kanavien asentaminen ja paina OK-painiketta.

2 - Valitse **RF-kanavien asennus** ja paina OK-painiketta.

3 - Kirjoita tarvittaessa PIN-koodisi.

4 - Valitse **Automaattinen kanavapäivitys** ja paina OK-painiketta.

5 - Valitse **Pois** ja paina OK-painiketta.





6 - Siirry yksi vaihe taaksepäin painamalla  (vasen) -painiketta tai sulje valikko painamalla  BACK

-painiketta.

Kanavapäivitysviesti

Jos televisio löytää uusia kanavia tai kanavia päivitetään tai poistetaan, television käynnistyessä ruutuun tulee tätä koskeva viesti. Jos et halua viestiä jokaisen kanavapäivityksen jälkeen, voit poistaa sen käytöstä.

Viestin poistaminen käytöstä




- 1 - Valitse  Koti >  Asetukset > Kanavien asentaminen ja paina OK-painiketta.
- 2 - Valitse RF-kanavien asennus ja paina OK-painiketta.
- 3 - Kirjoita tarvittaessa PIN-koodisi.
- 4 - Valitse Automaattinen kanavapäivitys ja paina OK-painiketta.
- 5 - Valitse Pois ja paina OK-painiketta.
- 6 - Siirry yksi vaihe taaksepäin painamalla  (vasen) -painiketta tai sulje valikko painamalla  BACK-painiketta.

Joissakin maissa automaattinen kanavapäivitys tapahtuu, kun televisiota katsellaan tai kun se on valmiustilassa.

Digitaalinen: Manuaalinen asennus

Digitaaliset TV-kanavat voidaan virittää yksitellen.



Digitaalisten kanavien asentaminen

- 1 - Valitse  Koti >  Asetukset > Kanavien asentaminen ja paina OK-painiketta.
- 2 - Valitse RF-kanavien asennus ja paina OK-painiketta.
- 3 - Valitse Digitaalinen: Manuaalinen asennus ja paina OK-painiketta.
- 4 - Valitse Haku ja paina OK-painiketta. Voit etsiä kanavaa kirjoittamalla taajuuden itse tai antaa television hakea kanavaa. Valitse  (oikea) -painikkeella Haku ja etsi kanavaa automaattisesti painamalla OK-painiketta. Löytynyt kanava näkyy näytössä. Jos signaalin laatu on huono, paina Haku-painiketta uudelleen. Jos haluat tallentaa kanavan, valitse Valmis ja paina OK-painiketta.

Analoginen: Manuaalinen asennus

Analogiset televisiokanavat voidaan virittää yksitellen manuaalisesti.

Analogisten kanavien asentaminen


- 1 - Valitse  Koti >  Asetukset > Kanavien asentaminen ja paina OK-painiketta.
- 2 - Valitse RF-kanavien asennus ja paina OK-painiketta.
- 3 - Valitse Analoginen: Manuaalinen asennus ja

paina OK-painiketta.

• Järjestelmä

Määritä TV-järjestelmä valitsemalla Järjestelmä. Valitse maa tai alue, jossa olet, ja paina OK-painiketta.

• Kanavahaku

Voit etsiä kanavan valitsemalla Kanavahaku ja painamalla OK-painiketta. Voit etsiä kanavaa kirjoittamalla taajuuden itse tai antaa television hakea kanavaa. Valitse  (oikea) -painikkeella Haku ja etsi kanavaa automaattisesti painamalla OK-painiketta. Löytynyt kanava näkyy näytössä. Jos signaalin laatu on huono, paina Haku-painiketta uudelleen. Jos haluat tallentaa kanavan, valitse Valmis ja paina OK-painiketta.

• Muistiin

Voit tallentaa kanavan nykyisellä kanavanumerolla tai uudella kanavanumerolla.

Valitse Tallenna nykyinen kanava tai Tallenna uutena kanavana ja paina OK-painiketta. Uuden kanavan numero näkyy ruudussa lyhyen aikaa.

Voit toistaa näitä vaiheita, kunnes kaikki analogiset televisiokanavat on asennettu.

11.7







Internet

Internet-käytön aloittaminen

Voit selata internetiä televisiollasi. Voit katsella mitä tahansa internet-sivua televisiossasi, mutta useimpia niistä ei ole suunniteltu televisioruudulle.

- Tietyt laajennukset (esimerkiksi sivujen tai videoiden katsomiseen) eivät ole käytettävissä televisiossa.
- Et voi lähettää tai ladata tiedostoja.
- Internetsivut näkyvät yksi sivu kerrallaan näytön kokoisena.

Selaimen käynnistäminen

- 1 - Paina  HOME -painiketta.
- 2 - Vieritä alas ja valitse  Sovellukset >  Internet ja paina OK-painiketta.
- 3 - Kirjoita Internet-osoite, valitse  ja paina OK-painiketta.
- 4 - Sulje selain valitsemalla  HOME tai .




11.8

Ohjelmisto

Päivitä ohjelmisto

Ohjelmistoversio

Television ohjelmistoversion tarkistaminen

- 1 - Valitse  > Asetukset  ja paina OK-painiketta.
- 2 - Valitse Päivitä ohjelmisto > Nykyinen laiteohjelmisto ja paina OK-painiketta.
- 3 - Versio, julkaisutiedot ja luontipäivä tulevat näkyviin.
- 4 - Sulje valikko painamalla  (vasen) -painiketta, tarvittaessa toistuvasti.

Päivitys verkkosivuilta

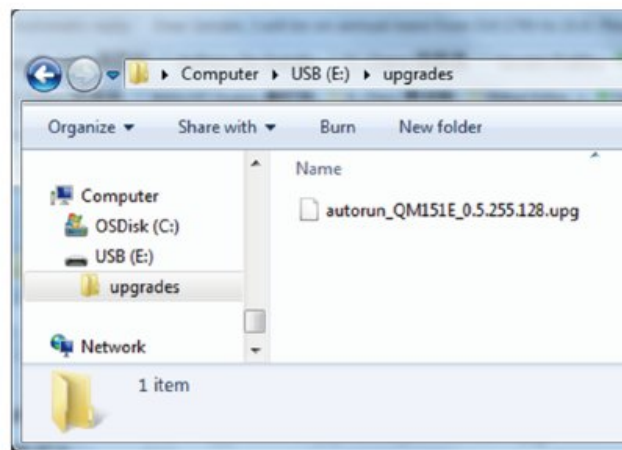
Näet TV:n nykyisen laiteohjelmistoversion valitsemalla asetusvalikossa Päivitä ohjelmisto > Nykyinen laiteohjelmisto.

Tarkista päivityksen säännöllisesti osoitteesta www.philips.com/support.

Päivitä laiteohjelmisto oheisten ohjeiden mukaisesti.

Lataa uusin ohjelmisto

- 1 - Avaa Internet Explorer.
- 2 - Siirry Philipsin tukisivustoon osoitteessa <http://www.philips.com/support>.
- 3 - Kirjoita mallinnumero. (Mallinnumero näkyy television takapaneelin tarrassa.)
- 4 - Siirry TV:n tuotesivulle ja valitse Support (Tuki).
- 5 - Valitse Software updates (Ohjelmistopäivitykset) ja lataa ohjelmisto valitsemalla Download file (Lataa tiedosto). (Ohjelmisto on saatavilla zip-tiedostona.)
- 6 - Jos ohjelmistoversio on uudempi kuin televisioon asennettu versio, napsauta ohjelmiston latauslinkkiä.
- 7 - Hyväksy käyttöoikeussopimus/käyttöehdot valitsemalla I agree (Hyväksyn), niin zip-tiedosto ladataan automaattisesti.
- 8 - Pura zip-tiedosto mihin tahansa hakemistoon arkistointiapuohjelmalla.
- 9 - Luo USB Flash -aseman juurihakemistoon kansio nimeltä upgrades.
- 10 - Kopioi purkamasi upg-tiedosto upgrades-kansioon kuten alla olevassa kuvassa.
- 11 - Irrota USB Flash -asema tietokoneesta.



Ohjelmiston päivittäminen

- 1 - Kytke ohjelmistopäivityksen sisältävä USB Flash -asema television USB-liitäntään. Odota 30 sekuntia tai kunnes televisio tunnistaa USB-aseman.
- 2 - Televisio alkaa ladata ohjelmistoa automaattisesti.
- 3 - Kun ohjelmiston lataus on valmis, käynnistä TV:n päivitys painamalla Start (Aloita) -painiketta.

Avoimen lähdekoodin ohjelmisto

12.1

Avoimen lähdekoodin käyttöoikeussopimus

Tietoja avoimen lähdekoodin käyttöoikeuksista

Avoimen lähdekoodin käyttöoikeussopimusten piiriin kuuluvien TP Vision Europe B.V:n TV-ohjelmiston osien lähdekoodin README-tiedosto.

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TP EI MYÖNNÄ MITÄÄN TÄTÄ OHJELMISTOA KOSKEVAA ILMAISTUA TAI OLETETTUA TAKUUTA, MUKAAN LUKIEN KAIKKI TAKUUT OHJELMISTON MYYNTIKELPOISUUDESTA JA SOVELTUVUUDESTA TIETTYYN TARKOITUKSEEN. TP Vision Netherlands B.V. ei tarjoa tukea tälle ohjelmistolle. Edellä mainittu ei vaikuta käyttäjän ostamien TP Vision Netherlands B.V. -tuotteiden takuisiin tai käyttäjän lainmukaisiin oikeuksiin. Edellä mainittu koskee vain tätä lähdekoodia.

Open Source

Android (7.1.1)

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

linux kernel (3.10.79)

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

libcurl (7.50.1)

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

libfreetypeex (2.4.2)

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

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

Freetype License

libjpegex (8a)

This package contains C software to implement JPEG image encoding, decoding, and transcoding. This software is based in part on the work of the Independent JPEG Group.-----The

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libpngex (1.4.1)

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

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

dvbsnoop (1.2)

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

<https://github.com/a4tunado/dvbsnoop/blob/master/src/misc/crc32.cGPL> v2
<http://dvbsnoop.sourceforge.net/dvbsnoop.html>

gSoap (2.7.15)

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

restlet (2.3.0)

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

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

FaceBook SDK (3.0.1)

This TV contains Facebook SDK. The Facebook SDK for Android is the easiest way to integrate your

Android app with Facebook's platform. The SDK provides support for Login with Facebook authentication, reading and writing to Facebook APIs and support for UI elements such as pickers and dialogs. The original download site for this software is : <https://developer.facebook.com/docs/android> This piece of software is made available under the terms and conditions of the Apache License version 2.

ffmpeg (2.1.3)

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

gson (2.3)

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

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

libUpNp (1.2.1)

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

live555 (0.82)

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

dnsmasq

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

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

TomCrypt (1.1)

iwedia stack is using tomcrypt for sw decryption. The original download site for this software is : <http://manpages.ubuntu.com/manpages/saucy/man3/libtomcrypt.3.html>. This piece of software is made available under the terms and conditions of the WTFPL.

u-boot (2011-12)

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

AsyncHttpClient (1.4.9)

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

httpClient-4.4.1.1 (4.4.1.1)

This is needed to import cz.msebera.android.httpClient used by AssyncHttpClient The original download site for this software is : <http://mvnrepository.com/artifact/cz.msebera.android/httpclient/4.4.1.1> This piece of software is made available under the terms and conditions of the APACHE LICENSE 2.0

Jackson Parser (2.x)

lpepg client uses Jackson Parser for string manipulation. The original download site for this software is : <https://github.com/FasterXML/jackson-core> This piece of software is made available under the terms and conditions of the APACHE LICENSE 2.0

audio a2dp (2.x)

Bluetooth stack. The original download site for this software is

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

libexif (0.6.21)

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

libexpat (2.1.0)

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

libFFTEm ()

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

libicui18n (49.1.1)

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

libiprouteutil (3.4.0)

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

libjpeg (3.4.0)

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

libmtp (1.0.1)

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

libmdnssd (320.10.80)

MDNS Responder. The mDNSResponder project is a component of Bonjour, 5Apple's ease-of-use IP networking initiative. The original download site for this software is

:
<http://www.opensource.apple.com/tarballs/mDNSResponder/> This piece of software is made available under the terms and conditions of the Apache license version 2

libnfc_ndef ()

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

libskia ()

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

libsonivox ()

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

libsqlite (3.9.2)

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

libttspeco ()

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

libtinyalsa ()

tinyalsa: a small library to interface with ALSA in the

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

wpa_supplicant (0.8)

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

libz (1.2.8)

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

iptables (1.4.20)

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

toolbox (1.2.8)

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

libssl

(7b8b9c17db93ea5287575b437c77fb36eeb81b31)

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

libOpenMAXAL

(7b8b9c17db93ea5287575b437c77fb36eeb81b31)

OpenMAX AL is an application-level multimedia

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

libOpenSLES (1.0)

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

libEGL libGLESv1_CM (3.1)

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

libffmpeg_av (2.1)

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

libcurlmheg (7.21.6)

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

boringsssl

(af0e32cb84f0c9cc65b9233a3414d2562642b342)

ssl for MHEG, Taken from android M. The original download site for this software is : <https://boringsssl.googlesource.com/boringsssl/> Licensed under BSD, please find in /android/n-base/external/boringsssl/NOTICE

libpng (1.6.22beta)

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

Hue SDK (1.8.1)

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

Opera Web Browser (SDK 4.8.0)

This TV contains Opera Browser Software.

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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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

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.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is

intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associate interface definition files, plus the scripts used to control compilation and installation of the library.

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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 squareroot function must still compute square roots.)

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

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 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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b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a

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d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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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 distribution of object code is made by offering

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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

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 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 combine 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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Copyright FAQ

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

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

competitors should not be able to

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

however.

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

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

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

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

See 1. above.

3. Are derivative works allowed?

Yes!

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

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

5. Under what terms are derivative works allowed?

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

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

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

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

substitutions could still could have occurred during font

opening). You must include the Bitstream copyright. Additional

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

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

adopted in future versions?

Yes. The contract between the Gnome Foundation and Bitstream has

provisions for working with Bitstream to ensure quality additions to

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

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

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

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

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

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

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

guide and aid for people interested in contributing to Vera.

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

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

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

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

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

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

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

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

selection and substitution; it has provisions for overriding font

names and substituting alternatives. An example is provided by the

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

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

core server) has other mechanisms for font substitution.

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libcurl

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

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libcurl - lib/krb5.c

URL:

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

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

*

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libcurl - lib/security.c

URL:

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

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

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

*

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

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

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

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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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Paul Hsieh's SuperFastHash

URL:
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google-glog's symbolization library

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

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

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

Google Cache Invalidation API

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https://chromium.googlesource.com/chromium/src/+master/third_party/cacheinvalidation/README_chromium

Crashpad

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dom-distiller-js

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LZ4 - Extremely fast compression

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

LZ4 Library

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mesa

URL: <http://www.mesa3d.org/>

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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/sp/api/omxSP.h

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opus

URL: <http://git.xiph.org/?p=opus.git>

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OTS (OpenType Sanitizer)

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

PLY (Python Lex-Yacc)

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

PLY (Python Lex-Yacc)
Version 3.4

Protocol Buffers

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

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Quick Color Management System

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

qcms

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re2 - an efficient, principled regular expression
library

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

sfntly

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

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SMHasher

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

Snappy: A fast compressor/decompressor

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

sqlite

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tcmalloc

URL: <http://gperftools.googlecode.com/>

The USB ID Repository

URL: <http://www.linux-usb.org/usb-ids.html>

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usrstcp

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

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Web Animations JS

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

WebRTC

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

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x86inc

URL:

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

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;* x86inc.asm  
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.*  
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.*
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```

```

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; (x86_32, win64, linux64).
; It also has various other useful features to simplify
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```

```

zlib
URL: http://zlib.net/

```

```

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

```

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Jean-loup Gailly
Mark Adler

```
*/
```

```

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

```

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- Strongtalk assembler, the basis of the files assembler-arm-inl.h,

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

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Ohje ja tuki

Vianmääritys

Ottaminen käyttöön

Televisio ei käynnisty.

- Irrota virtajohto pistorasiasta. Odota minuutti, ennen kuin liität sen uudelleen.
 - Tarkista, että virtajohto on tukevasti kiinni.
- Ritisevää/napsahtelevaa ääntä kytkettäessä tai katkaistaessa virta

Kun televisioon kytketään virta, siitä katkaistaan virta tai televisio siirretään valmiustilaan, sen rungosta kuuluu ritisevää/napsahtelevaa ääntä. Ääni johtuu television rungosta normaaleista koon muutoksista sen lämmitessä tai viiletyessä. Tämä ei vaikuta laitteen suorituskykyyn.

Philips-aloitusnäytön näyttämisen jälkeen televisio siirtyy takaisin valmiustilaan

Kun televisio on valmiustilassa, Philips-aloitusnäyttö tulee näkyviin, ja sitten televisio palaa valmiustilaan. Tämä on normaalia. Kun irrotat television virtalähteestä ja liität sen takaisin, näet käynnistysnäytön seuraavan käynnistyksen yhteydessä.

Valmiustilan merkkivalo vilkkuu

Irrota virtajohto pistorasiasta. Odota viisi minuuttia ja kytke virtajohto uudelleen pistorasiaan. Jos valo vilkkuu edelleen, ota yhteys Philipsin asiakastukeen.

Kuva

Ei kuvaa / vääristynyt kuva

- Varmista, että antenni on liitetty televisioon kunnolla.
- Varmista, että näyttölähteeksi on valittu oikea laite.
- Varmista, että ulkoinen laite tai lähde on liitetty oikein.

Ääni kuuluu, mutta kuvaa ei näy

- Tarkista, että kuva-asetukset on määritetty oikein.

Huono antennivastaanotto

- Varmista, että antenni on liitetty televisioon kunnolla.
- Kaiuttimet, maadoittamattomat äänilaitteet, neonvalot, korkeat rakennukset ja muut suuret rakennelmat voivat vaikuttaa vastaanoton laatuun. Yritä parantaa vastaanoton laatua muuttamalla antennin suuntaa tai siirtämällä laitteita etäämmälle televisiosta.

- Jos vain yhden kanavan vastaanotto on huono, yritä hienosäätää kanavaa.

Huono kuva ulkoisesta laitteesta

- Varmista, että laite on liitetty oikein.
- Tarkista, että kuva-asetukset on määritetty oikein.

Kuva ei sovi kuvaruutuun

Vaihda käyttöön toinen kuvasuhde.

Kuvan paikkaa on väärä

Joidenkin laitteiden kuvasignaalit eivät sovi kunnolla kuvaruutuun. Tarkista liitetyn laitteen lähtösignaali.

Tietokoneesta tuleva kuva on epävaka

Tarkista, että tietokoneessa on käytössä tuettu tarkkuus ja virkistystaajuus.

Ääni

Ei ääntä tai ääni on heikkolaatuinen

Jos televisio ei havaitse äänisignaalia, se vaihtaa äänilähdön automaattisesti pois käytöstä – kyse ei ole toimintahäiriöstä.

- Tarkista, että ääniasetukset on määritetty oikein.
 - Tarkista, että kaikki kaapelit on liitetty kunnolla.
 - Varmista, että ääniä ei ole mykistetty tai äänenvoimakkuus ole nollassa.
 - Varmista, että television äänilähtö on liitetty kotiteatterijärjestelmän äänitulon.
- Äänen pitäisi kuulua HTS-kaiuttimista.
- Jotkin laitteet vaativat, että otat HDMI-äänilähdön käyttöön manuaalisesti. Jos HDMI-ääni on jo käytössä, mutta ääntä ei kuulu, vaihda laitteen digitaalinen ääniformaatti muotoon PCM (Pulse Code Modulation). Katso lisäohjeita laitteen mukana tulleista ohjeista.

Liitännät

HDMI

- Huomaa, että HDCP-tuki voi pidentää aikaa, joka televisiolta kuluu HDMI-laitteesta tulevan tiedon näyttämiseen.
- Jos televisio ei tunnista HDMI-laitetta eikä kuvaa näy, vaihda lähteeksi välillä toinen laite ja sitten taas HDMI-laite.
- Jos ääni katkeilee, tarkista, että HDMI-laitteen lähtöasetukset on määritetty oikein.
- Jos käytössä on HDMI-DVI-sovitin tai HDMI-DVI-kaapeli, tarkista, että lisä-äänikaapeli on liitetty AUDIO IN -liitäntään (vain miniliitäntä), jos kyseinen liitäntä on käytettävissä.

EasyLink ei toimi

- Varmista, että HDMI-laitteesi ovat HDMI-CEC-yhteensopivia. EasyLink-toiminnot ovat käytettävissä

vain HDMI-CEC-yhteensopivissa laitteissa.

Äänenvoimakkuuden kuvaketta ei näy

- Kun televisioon on liitetty HDMI-CEC-äänilaite, tämä on normaalia.

USB-laitteessa olevat valokuvat, videot ja musiikkitiedostot eivät tule näkyviin

- Tarkista, että USB-muistilaite on asetettu Massamuistityyppi-yhteensopivaksi laitteen oppaissa kuvatulla tavalla.

- Tarkista, että USB-muistilaite on yhteensopiva television kanssa.

- Tarkista, että televisio tukee ääni- ja kuvatiedostomuotoja.

USB-laitteessa olevien tiedostojen toisto on nykivää

- USB-muistilaitteen siirtotoiminto saattaa rajoittaa tiedonsiirtonopeutta televisioon, mikä aiheuttaa toiston huonon laadun.

Wi-Fi, Internet ja Bluetooth

Wi-Fi-verkkoa ei löydy tai siinä on häiriö

• Mikroaaltouunit, DECT-puhelimet ja muut Wi-Fi 802.11b/g/n -laitteet lähietäisyydellä saattavat häiritä langatonta verkkoa.

• Varmista, että verkon palomuurit sallivat langattoman yhteyden televisioon.

• Jos langaton verkko ei toimi kunnolla, kokeile asentaa kiinteä yhteys.

Internet ei toimi

• Jos reititinyhteys on kunnossa, tarkista reitittimen internetyhteys.

Tietokone- ja internetyhteydet ovat hitaita

• Langattoman reitittimen käyttöoppaassa on tietoja verkon kantamasta sisätiloissa, siirtonopeudesta ja muista signaalin laatuun vaikuttavista tekijöistä.

• Käytä nopeaa internetyhteyttä (laajakaistayhteyttä) reitittimelle.

DHCP

• Jos yhteys epäonnistuu, tarkista reitittimen DHCP (Dynamic Host Configuration Protocol) -asetus. DHCP:n on oltava käytössä.

Bluetooth-yhteys katkeaa

• Aktiivinen langaton liikenne esimerkiksi huoneistoissa, joissa on useita langattomia reitittimiä, voi häiritä yhteyttä.

Verkko

Wi-Fi-verkkoa ei löydy tai siinä on häiriö

• Mikroaaltouunit, DECT-puhelimet ja muut Wi-Fi 802.11b/g/n -laitteet lähietäisyydellä saattavat häiritä langatonta verkkoa.

• Varmista, että verkon palomuurit sallivat langattoman yhteyden televisioon.

• Jos langaton verkko ei toimi kunnolla, kokeile asentaa kiinteä yhteys.

Internet ei toimi

• Jos reititinyhteys on kunnossa, tarkista reitittimen internetyhteys.

Tietokone- ja internetyhteydet ovat hitaita

• Langattoman reitittimen käyttöoppaassa on tietoja verkon kantamasta sisätiloissa, siirtonopeudesta ja muista signaalin laatuun vaikuttavista tekijöistä.

• Käytä nopeaa internetyhteyttä (laajakaistayhteyttä) reitittimelle.

DHCP

• Jos yhteys epäonnistuu, tarkista reitittimen DHCP (Dynamic Host Configuration Protocol) -asetus.

DHCP:n on oltava käytössä.

13.2

Ohjeet verkossa

Jos sinulla on Philipsin televisioon liittyvä ongelma, voit kääntyä verkkotukemme puoleen. Tukipalvelussa voit valita käytetyn kielen ja antaa palveluun tuotteesi mallinumeron.

Siirry osoitteeseen www.philips.com/support

Tukisivustossa on maakohtainen puhelinnumero, johon voit soittaa, sekä vastauksia usein kysytyihin kysymyksiin. Joissakin maissa voit keskustella verkossa yhteistyökumppanimme kanssa ja esittää kysymyksiä suoraan tai sähköpostilla. Voit ladata television uuden ohjelmiston tai käyttöoppaan tietokoneellesi.

13.3

Tuki- ja korjauspalvelu

Jos tarvitset tuki- tai korjauspalvelua, soita paikalliseen asiakaspalveluun. Huoltohenkilöstömme huolehtii korjauksesta tarvittaessa.

Puhelinnumero on television mukana toimitetussa oppaassa.

Se löytyy myös sivustostamme osoitteesta www.philips.com/support (valitse tarvittaessa oma maasi).

TV:n mallinumero ja sarjanumero

Sinulta saatetaan kysyä television malli- ja

sarjanumeroa. Nämä numerot löytyvät pakkauksen tarrasta tai television takana tai pohjassa olevasta tyyppikilvestä.

⚠ Varoitus

Älä yritä korjata televisiota itse. Muutoin seurauksena voi olla vakavia vammoja, television vahingoittuminen korjauskelvottomaksi tai takuun raukeaminen.

Turvallisuus ja hoito

14.1

Turvallisuus

ESD-ilmoitus

Testin aikana näytössä on välkyntää, mutta näyttö palautuu normaalitilaan automaattisesti testin jälkeen. Valmistaja määrittelee tämän sallitun suorituskyvyn menetyksen. Tämä ilmiö ilmoitetaan käyttöoppaassa mahdollisimman selkeästi, jotta käyttäjälle ei synny väärinymmärryksiä.

Tärkeää!

Tutustu kaikkiin turvallisuusohjeisiin ennen television käyttämistä. Takuu raukeaa, jos mahdolliset vahingot johtuvat ohjeiden laiminlyömisestä.

Laitetta ei saa muuttaa ilman valmistajan lupaa.

Sähköiskun tai tulipalon vaara

- Älä altista TV:tä sateelle tai vedelle. Älä aseta nestettä sisältäviä astioita, kuten maljakoita, TV:n lähelle.
- Jos nesteitä kaatuu TV:n päälle tai sisään, irrota TV heti verkkopistorasiasta.
- Ota yhteyttä Philipsin asiakastukeen television tarkastamista varten ennen sen käyttöä.
- Älä altista televisiota kuumuudelle. Älä laita niitä palavien kynttilöiden, tulen tai muiden lämmönlähteiden lähelle tai suoraan auringonvaloon.
- Älä koskaan laita esineitä ilmastointiaukkoihin tai muihin TV:n aukkoihin.
- Älä laita painavia esineitä virtajohtoon päälle.
- Älä kohdist pistokkeisiin liikaa painoa. Löystyneet pistokkeet saattavat aiheuttaa valokaaria tai tulipalon. Varmista, ettei virtajohto kiristy televisiota käännettäessä.
- Irrota TV verkkovirrasta irrottamalla television virtajohto. Irrota virtajohto aina vetämällä pistokkeesta, ei johdosta. Varmista, että virtajohtoon pistoke on helposti irrotettavissa ja pistorasia on kätevässä paikassa.

Vammautumisen tai television vaurioitumisen vaara

- Jos kiinnität television seinälle, varmista, että seinäteline kestää television painon. TP Vision ei vastaa virheellisestä seinäkiinnityksestä, jonka seurauksena tapahtuu onnettomuus tai vahinko.
- Tuotteessa on lasisia osia. Käsittele tuotetta varovasti, jotta ei synny vammoja tai vaurioita.

Television vaurioitumisen vaara!

Ennen kuin liität TV:n pistorasiaan, varmista, että virran jännite vastaa TV:n takapaneeliin painettua arvoa. Älä liitä televisiota pistorasiaan, jos jännite ei ole sama.

Lasten vammautumisen vaara

Voit estää TV:n kaatumisen ja lasten loukkaantumisen noudattamalla seuraavia ohjeita:

- Älä koskaan aseta TV:tä tasolle, jonka päällä on liina tai muuta materiaalia, joka voidaan vetää pois.
- Varmista, että mikään TV:n osa ei ole tason reunan ulkopuolella.
- Älä koskaan sijoita TV:tä korkeiden huonekalujen (kuten kirjahyllyn) päälle kiinnittämättä sekä huonekalua että TV:tä seinään tai sopivaan tukeen.
- Kerro lapsille vaaroista, joita saattaa aiheutua, jos he kiipeävät huonekalujen päälle ulottuakseen televisioon.

Ylikuumenemisen vaara

Älä koskaan sijoita televisiota ahtaaseen tilaan. Jätä television ympärille vähintään 10 cm tilaa, jotta ilma pääsee kiertämään. Varmista, että verhot tai muut esineet eivät peitä television ilmastointiaukkoja.

Ukonilmat

Irrota TV:n pistoke pistorasiasta ja antenni liitännästäan ukkosmyrskyn ajaksi. Älä koske televisioon, sen virtajohtoon tai antennikaapeliin ukkosmyrskyn aikana.

Kuulovaurion vaara

Vältä kuulokkeiden käyttöä suurilla äänenvoimakkuuksilla tai pitkiä aikoja.

Alhaiset lämpötilat

Jos televisiota kuljetetaan alle 5 °C:n lämpötilassa, pura televisio pakkauksestaan ja odota, kunnes laitteen lämpötila on sama kuin huoneen lämpötila, ennen kuin liität television verkkovirtaan.

Kosteus

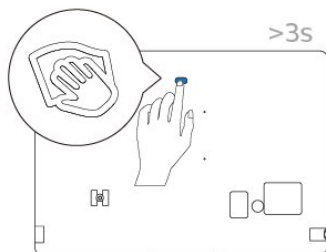
Joskus harvoin vähäistä veden tiivistymistä saattaa esiintyä (joissakin malleissa) television näytön sisäpinnalla lämpötilan ja ilmakehän kosteuden mukaan. Voit estää tämän pitämällä television poissa suorasta auringonpaisteesta, kuumuudesta tai runsaasta kosteudesta. Jos kosteutta tiivistyy televisioon, se häviää itsestään, kun televisio on ollut käynnissä muutamia tunteja.

Tiivistynyt kosteus ei vahingoita televisiota eikä aiheuta toimintahäiriöitä.

14.2

Kuvaruudun hoitaminen

- Älä kosketa, paina, hankaa tai iske näyttöä millään esineellä.
- Paina TV:n takana olevaa puhdistuspainiketta. Painiketta on painettava kolme sekuntia, jotta television etupaneelin painikkeet poistuvat käytöstä ennen puhdistusta.



- Puhdista TV ja sen kehys pyyhkimällä ne kevyesti pehmeällä, kostealla liinalla. Älä koskaan käytä alkoholia, kemikaaleja tai kodin yleispuhdistusaineita laitteen puhdistamiseen.
- Pyyhi vesipisarat pois mahdollisimman nopeasti, jotta kuvaruutu ei vahingoitu eivätkä värit haalene.
- Vältä liikkumattomia kuvia. Liikkumattomilla kuvilla tarkoitetaan kuvia, jotka jäävät ruutuun pitkäksi aikaa. Liikkumattomia kuvia ovat näyttövalikot, mustat palkit, kellonaikänäytöt jne. Jos käytät liikkumattomia kuvia, vähennä näytön kontrastia ja kirkkautta, jotta näyttö ei vahingoittuisi.

14.3

Ilmoitus säteilyaltistuksesta

Tämä laite noudattaa CE-merkinnän edellyttämiä valvomattomille ympäristöille asetettuja säteilyaltistuksen rajoja. Tämä laite on asennettava ja sitä on käytettävä niin, että säteilijän ja kehon välinen etäisyys on vähintään 20 cm.

Seuraavassa on lueteltu taajuus, tila ja enimmäislähetysteho EU:n alueella:

- 2400–2483,5 MHz: < 20 dBm (EIRP)
- 5150–5250 MHz: < 23 dBm (EIRP)
- 5250–5350MHz: < 23 dBm (EIRP)
- 5470–5725MHz: < 27 dBm (EIRP)
- 5725–5825MHz: < 13,98 dBm (EIRP)

Käyttöehdot

15.1

Käyttöehdot – TV

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Teknisiä tietoja saatetaan muuttaa ilman ennakoilmoitusta. Tavaramerkit ovat Koninklijke Philips N.V:n tai omistajiensa omaisuutta. TP Vision pidättää oikeuden muuttaa tuotetta milloin tahansa vanhoja tarvikkeita muuttamatta.

Television pakkaukseen sisällytetyn painetun materiaalin sekä television muistiin tallennetun tai Philipsin verkkosivustosta (www.philips.com/support) ladattavan käyttöoppaan katsotaan sisältävän tarvittavat tiedot järjestelmän asianmukaiseen käyttöön.

Tätä käyttöopasta pidetään riittävänä järjestelmän tarkoitettua käyttöä varten. Jos tuotetta tai sen yksittäisiä moduuleja tai toimintoja käytetään johonkin muuhun kuin tässä määritettyyn tarkoitukseen, niiden kelpoisuudesta ja soveltuvuudesta on pyydettävä vahvistus. TP Vision takaa, että itse materiaali ei riko mitään yhdysvaltalaisista patenttia. Mihinkään muuhun nimenomaiseen tai oletettuun takuuseen ei viitata. TP Vision ei vastaa asiakirjan sisältöön liittyvistä virheistä eikä asiakirjan sisällöstä johtuvista ongelmista. Philipsille ilmoitetuista virheistä ilmoitetaan ja ne julkaistaan Philipsin tukisivustossa mahdollisimman pian.

Takuuehdot – Loukkaantumisen, television vaurioitumisen tai takuun mitätöitymisen vaara! Älä koskaan yritä korjata televisiota itse. Käytä televisiota ja lisälaitteita vain valmistajan tarkoittamalla tavalla. Television takaseinään painettu varoitusmerkki varoittaa sähköiskun vaarasta. Älä irrota television koteloa. Huolto- ja korjausasioissa ota aina yhteys Philipsin asiakaspalveluun. Puhelinnumero on television mukana toimitetussa oppaassa. Se löytyy myös sivustostamme osoitteesta www.philips.com/support (valitse tarvittaessa oma maasi). Takuu raukeaa, jos käyttäjä suorittaa minkä tahansa tässä käyttöoppaassa kielletyn toiminnon tai tekee sellaisia säätöjä tai asennuksia, joiden suorittamista ei suositella tai hyväksytä käyttöoppaassa.

Kuvapisteiden ominaisuudet

Tässä TV:ssä on suuri määrä värillisiä kuvapisteitä. Vaikka tehollisten kuvapisteiden osuus on vähintään 99,999 %, mustia pisteitä tai kirkkaita valopisteitä (punaisia, vihreitä tai sinisiä) voi näkyä jatkuvasti näytössä. Tämä johtuu näytön rakenteesta (joka noudattaa alan yleisiä standardeja), eikä kyseessä ole toimintahäiriö.

CE-vaatimustenmukaisuus

TP Vision Europe B.V. vakuuttaa täten, että tämä televisio on direktiivien 2014/53/EU (RED), 2009/125/EC (ekologinen suunnittelu) ja 2011/65/EC (RoHS) oleellisten vaatimusten ja niitä koskevien muiden ehtojen mukainen.

EMF-standardin vaatimustenmukaisuus

TP Vision valmistaa ja myy kuluttajille monia tuotteita, jotka lähettävät ja vastaanottavat sähkömagneettisia signaaleja, kuten mitkä tahansa muutkin elektroniset laitteet. Yhtenä TP Visionin pääperiaatteena on varmistaa tuotteiden turvallisuus kaikin tavoin sekä noudattaa kaikkia lakisääteisiä vaatimuksia ja tuotteen valmistusajankohtana voimassa olevia sähkömagneettista yhteensopivuutta (EMF) koskevia standardeja.

TP Vision on sitoutunut kehittämään, tuottamaan ja markkinoimaan tuotteita, joista ei ole haittaa terveydelle. TP Vision vakuuttaa, että jos sen tuotteita käsitellään oikein asianmukaisessa käytössä, niiden käyttö on nykyisten tutkimustulosten perusteella turvallista. TP Visionilla on aktiivinen rooli kansainvälisten EMF- ja turvallisuusstandardien kehittämisessä, joten se pystyy ennakoimaan standardien kehitystä ja soveltamaan näitä tietoja tuotteisiinsa jo aikaisessa vaiheessa.

Tekijänoikeustiedot

HDMI

HDMI

Termit HDMI ja HDMI High-Definition Multimedia Interface sekä HDMI Logo ovat HDMI Licensing LLC:n tavaramerkkejä tai rekisteröityjä tavaramerkkejä Yhdysvalloissa ja muissa maissa.



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Wi-Fi Alliance

Wi-Fi

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Kensington

Kensington

(jos käytettävissä)

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Muut tavaramerkit

Kaikki muut rekisteröidyt tai rekisteröimättömät tavaramerkit ovat omistajiensa omaisuutta.

Kolmansien osapuolien palveluita ja/tai ohjelmistoja koskeva vastuuvapa uslauseke

Kolmansien osapuolien tarjoamia palveluita ja/tai ohjelmistoja voidaan muuttaa tai niiden käyttö voidaan keskeyttää tai lopettaa ilman ennakoilmoitusta. TP Vision ei ole vastuussa tällaisista tapauksista.

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