

Käyttöopas

50BFL2114/12
58BFL2114/12
65BFL2114/12
70BFL2114/12
75BFL2114/12

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

2.1

Lue turvallisuusohjeet

Lue turvallisuusohjeet ennen television käyttämistä.

2.2

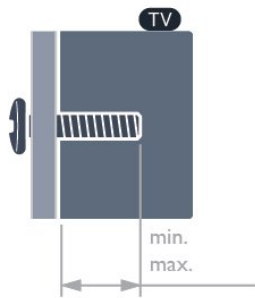
Seinäkiinnitys

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.

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

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



- 50BFL2114
VESA MIS-F 200x200, M6 (vähintään 12 mm ja enintään 14 mm)
- 58BFL2114
VESA MIS-F 300x200, M6 (vähintään 18 mm ja enintään 22 mm)
- 65BFL2114
VESA MIS-F 400x300, M6 (vähintään 12 mm ja enintään 18 mm)
- 70BFL2114
VESA MIS-F 400x200, M8 (vähintään 18mm ja enintään 23mm)
- 75BFL2114
VESA MIS-F 600x400, M8 (vähintään 18mm ja enintään 28mm)

Valmistelu

Irrota ensin kaksi muovista ruuvisuojusta TV:n takana olevista kierreholkeista (50 ja 65 tuumaa).
Varmista, että metalliruuvit, joilla TV kiinnitetään VESA-yhteensopivaan kiinnikkeeseen, menevät

kierreholkkeihin noin 10 mm:n syvyyteen.

Varoitus

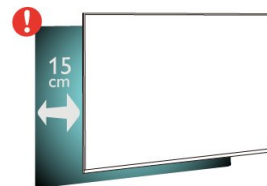
Television kiinnittäminen seinälle on vaativa työ, joka on syytä jättää ammattilaisten tehtäväksi. Television seinäkiinnityksen on vastattava television painon mukaisia turvastandardeja. Lue turvallisuusohjeet ennen television sijoittamista paikalleen.

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

2.3

Vinkkejä television sijoittamiseen

- Sijoita televisio paikkaan, jossa kuvaruutuun ei kohdistu suoraa valoa.
- Ihanteellinen television katseluetaisyys on kolme kertaa TV-ruudun lävistäjä (tuumamitta). Silmien pitäisi olla istuttaessa samalla tasolla kuvaruudun keskikohdan kanssa.
- Sijoita seinäasennuksessa TV enintään 15 cm päähän seinästä.



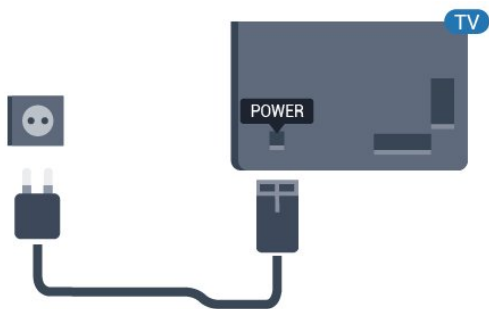
Huomautus:

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

2.4

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.



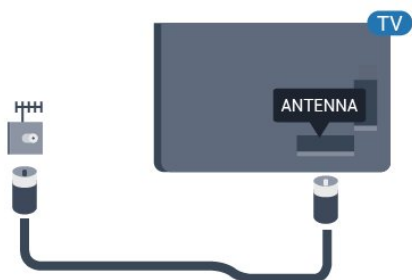
2.5

Antennijohto

Liitä antennipistoke kunnolla television takaosassa olevaan antenniliitântään.

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

Käytä tätä antenniliitântää DVB-T- ja DVB-C -tulosaaleille.

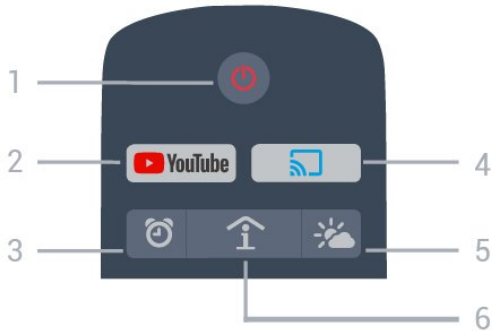


Kauko-ohjain

3.1

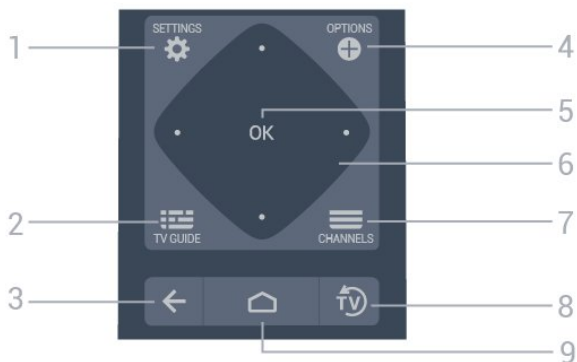
Painikkeet

Yläosa



- 1 - **Valmiustila / Käytössä**
Television virran kytkeminen tai valmiustilaan siirtäminen.
- 2 - **Youtube**
Youtube-palvelun avaaminen.
- 3 - **Herätys (vain ammattilaistilassa)**
Herätyksen asettaminen.
- 4 - **Google Cast (vain ammattilaistilassa)**
Mobiililaitteen näytön pelaaminen televisioon.
- 5 - **Sää (vain ammattilaistilassa)**
Sijainnin säätietojen näyttäminen.
- 6 - **SMART INFO (vain ammattilaistilassa)**
Hotellin tarjoamien tietojen näyttäminen.

Keskiosa



- 1 - **SETTINGS**
Asetusvalikon avaaminen.
- 2 - **TV GUIDE**
Luettelo kanavien nykyisistä ja tulevista ohjelmista.
- 3 - **BACK**
• Palaaminen edelliselle valitulle kanavalle.
• Edelliseen valikkoon palaaminen.
- 4 - **OPTIONS**
Asetusvalikon avaaminen tai sulkeminen.
- 5 - **OK-painike**
Valinnan tai asetuksen vahvistaminen.
- 6 - **Nuoli-/selauspainikkeet**
Siirry ylös , alas , vasemmalle tai oikealle .
- 7 - **Kanava**
Siirtyminen edellisen tai seuraavan kanavaluettelon kanavaan.
- 8 - **EXIT**
Palaaminen TV:n katseluun.
- 9 - **HOME**
Avaa aloitusvalikko painamalla HOME-painiketta.

Alaosa



- 1 - **Äänenvoimakkuus**
Äänenvoimakkuuden säätäminen.
- 2 - **Väripainikkeet**
Asetusten suoravalinta.
- 3 - **CLOCK**
Kellon näyttäminen.
- 4 - **Kanava**
Siirtyminen edellisen tai seuraavan kanavaluettelon kanavaan.
- 5 - **Mykistä**
Äänen mykistäminen tai mykistykseen poistaminen.

Infrapunatunnistin

Televisio voi vastaanottaa komentoja kauko-ohjaimesta, joka käyttää infrapunaa komentojen lähettämiseen. Jos käytät sellaista kauko-ohjainta, osoita kauko-ohjaimella aina kohti television etuosassa sijaitsevaa infrapunatunnistinta.

Varoitus

Tarkista, ettei TV-laitteen infrapuna-anturin edessä ole esteitä, jotka estävät infrapunayhteyden kauko-ohjaimen.

Puhdistaminen

Kauko-ohjaimessa on naarmuuntumaton pinnoite.

Puhdista kauko-ohjain pehmeällä, kostealla liinalla. Älä käytä alkoholia, kemikaaleja tai kodin yleispuhdistusaineita kauko-ohjaimen puhdistamiseen.




Käynnistys ja sammutus

4.1


Käynnistys tai valmiustila

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

Käyttöönotto

Avaa TV painamalla kauko-ohjaimen  -painiketta. Vaihtoehtoisesti voit painaa  /  Home-painiketta. Voit avata TV:n myös laitteen takana tai pohjassa olevalla sauvaohjainpainikkeella, jos et löydä kauko-ohjainta tai siinä ei ole paristoja.

Valmiustilaan siirtyminen

Siirrä televisio valmiustilaan painamalla kauko-ohjaimen painiketta . Voit myös painaa TV:n takana tai pohjassa olevaa sauvaohjainpainiketta.

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.




4.2

Television painikkeet

Jos kauko-ohjain katoaa tai sen paristot ehtyvät, voit yhä käyttää joitakin television perustoimintoja.

Perusvalikon avaaminen

1 - Kun TV:n virta on kytketty, tuo perusvalikko näkyviin painamalla TV:n takana tai pohjassa olevaa sauvaohjainpainiketta.

2 - Valitse  Äänenvoimakkuus,  Kanava tai  Lähteet painamalla vasenta tai oikeaa nuolipainiketta.

3 - Säädä äänenvoimakkuutta tai viritä seuraava tai edellinen kanava painamalla ylä- tai alanuolipainiketta. Siirry lähdeluettelossa eteen- tai taaksepäin (viritinvalinta mukaan lukien) painamalla ylä- tai alanuolipainiketta.

4 - Valikko sulkeutuu automaattisesti.

Siirry valmiustilaan valitsemalla  ja painamalla TV:n

Tekniset tiedot

5.1

Ympäristöystävällisyys

Tuoteseloste

50BFL2114

- Energiatähokkuusluokka A+
- Katsottavissa oleva näyttökoko 126 cm / 50 tuumaa
- Virrankulutus käynnissä (W): 70 W
- Vuosittainen virrankulutus (kWh) *: 103 kWh
- Virrankulutus valmiustilassa (W) **: 0,3 W
- Näytön tarkkuus (pikseliä): 3840 x 2160p

58BFL2114

- Energiatähokkuusluokka A+
- Katsottavissa oleva näyttökoko 146 cm / 58 tuumaa
- Virrankulutus käynnissä (W): 77 W
- Vuosittainen virrankulutus (kWh) *: 113 kWh
- Virrankulutus valmiustilassa (W) **: 0,3 W
- Näytön tarkkuus (pikseliä): 3840 x 2160p

65BFL2114

- Energiatähokkuusluokka A+
- Katsottavissa oleva näyttökoko 164 cm / 65 tuumaa
- Virrankulutus käynnissä (W): 99 W
- Vuosittainen virrankulutus (kWh) *: 145 kWh
- Virrankulutus valmiustilassa (W) **: 0,3 W
- Näytön tarkkuus (pikseliä): 3840 x 2160p

70BFL2114

- Energiatähokkuusluokka A+
- Katsottavissa oleva näyttökoko 178 cm / 70 tuumaa
- Virrankulutus käynnissä (W): 123 W
- Vuosittainen virrankulutus (kWh) *: 180 kWh
- Virrankulutus valmiustilassa (W) **: 0,3 W
- Näytön tarkkuus (pikseliä): 3840 x 2160p

75BFL2114

- Energiatähokkuusluokka A+
- Katsottavissa oleva näyttökoko 189 cm / 75 tuumaa
- Virrankulutus käynnissä (W): 113 W
- Vuosittainen virrankulutus (kWh) *: 165 kWh
- Virrankulutus valmiustilassa (W) **: 0,3 W
- Näytön tarkkuus (pikseliä): 3840 x 2160p

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

** Kun televisio on kytketty pois päältä kauko-ohjaimella, eikä mikään toiminto ole käynnissä.

EPREL-rekisteröintinumero

50BFL2114: 341971

58BFL2114: 341994

65BFL2114: 331905

70BFL2114: 342005

75BFL2114: 342001

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.

5.2

Virta

Tuotteen tekniset tiedot voivat muuttua ilman erillistä ilmoitusta. Yksityiskohtaisempia tietoja tuotteesta on osoitteessa www.philips.com/support.

Virta

- Käyttöjännite: 220–240 V AC +/-10 %
- Ympäristön lämpötila: 5–35 °C
- Energiaa säästävät ominaisuudet: Ekotila,

kuvaruudun virrankatkaisu (radiota kuunneltaessa), sammutuksen ajastin, Eco-asetukset-valikko.

Virrankulutustiedot löytyvät kappaleesta Tuoteseloste.

5.3

Käyttöjärjestelmä

Android-käyttöjärjestelmä:

Android Pie 9

5.4

Vastaanotto

- Antenniliitäntä: 75 ohmin koaksiaali (IEC75)
- Virittimen aaltoalueet: Hyperband, UHF, VHF
- DVB: DVB-T2, DVB-C (kaapeli) QAM
- Analoginen videotoisto: SECAM, PAL
- Digitaalinen videotoisto: MPEG2 SD/HD (ISO/IEC 13818-2), MPEG4 SD/HD (ISO/IEC 14496-10), HEVC*
- Digitaalinen äänentoisto (ISO/IEC 13818-3)
- Tulosignaalin taajuusalue: 950–2150 MHz
- Tulosignaalin tasoalue: 25–65 dBm

* Vain DVB-T2

5.5

Näyttötyyppi

Ruudun lävistäjä (tuumamitta)

- 126 cm / 50 tuumaa
- 146 cm / 58 tuumaa
- 164 cm / 65 tuumaa
- 178 cm / 70 tuumaa
- 189 cm / 75 tuumaa

Näytön tarkkuus

- 3840 x 2160

5.6

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
- 2160p – 24 Hz, 25 Hz, 30 Hz, 50 Hz, 60 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
- 3840 x 2160 – 60 Hz

5.7

Liitännät (2114)

50" 58" 65" 70"

Television sivu

- CI-moduulipaikka: CI+/CAM
- USB 1 – USB 3.0
- Kuulokkeet: stereominiliitäntä 3,5 mm
- HDMI 1 -tulo – ARC – Ultra HD

Television alaosa

- Lähiverkko: RJ45
- HDMI 2 -tulo – ARC – Ultra HD
- Antenni (75 ohmia)
- USB 2 – USB 2.0
- 12 V DC-lähtö
- 8 **Ω** Äänilähtö
- DATA (RJ-48)

75"

Television sivu

- CI-moduulipaikka: CI+/CAM
- USB 1 – USB 3.0
- Kuulokkeet: stereominiliitäntä 3,5 mm
- HDMI 1 -tulo – ARC – Ultra HD

Television alaosa

- Lähiverkko: RJ45
- HDMI 2 -tulo – ARC – Ultra HD
- HDMI 3 -tulo – ARC – Ultra HD
- Antenni (75 ohmia)
- USB 2 – USB 2.0
- 12 V DC-lähtö
- 8 **Ω** Äänilähtö
- DATA (RJ-48)

5.8

Mitat ja painot

50BFL2114

- ilman television jalustaa:
leveys 1127,64 mm – korkeus 655,31 mm – syvyys 89,62 mm – paino ±11,1 kg

58BFL2114

- ilman television jalustaa:
leveys 1302,08 mm – korkeus 762,56 mm – syvyys 89,92 mm – paino ±15 kg

65BFL2114

- ilman television jalustaa:

leveys 1463,88 mm – korkeus 848,7 mm – syvyys

90,72 mm – paino ±20,94 kg

70BFL2114

- ilman television jalustaa:

leveys 1583,8 mm – korkeus 895,4 mm – syvyys 92,7

mm – paino ±23,4 kg

75BFL2114

- ilman television jalustaa:

leveys 1683,2 mm – korkeus 974,4 mm – syvyys 93,7

mm – paino ±33,5 kg

5.9

Ääni

- Lähtöteho (RMS): 20 W
- Dolby Audio
- DTS HD

Laitteiden liittäminen

Laitteiden liittäminen

Liitännäsohje

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-liitännöiden luettelosta.

Ammattilaistila EI

KÄYTÖSSÄ – Valitse  /  Koti
>  Sovellukset >  LÄHTEET . 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.

Kun laite on valittu, sitä voi ohjata television kaukosäätimellä. Painikkeet  /  Home ja  OPTIONS ja muutama muu painike eivät toimi muissa laitteissa.

Jos painiketta ei ole TV:n kaukosäätimessä, valitse

painike OPTIONS-valikosta.

Valitse  OPTIONS > Säätimet. Valitse näytössä tarvitsemasi painike ja paina OK-painiketta. Jotkin laitepainikkeet saattavat puuttua Säätimet-valikosta.

Huomautus: Vain EasyLink-kaukosäädintä tukevia laitteita voi ohjata television kaukosäätimellä.

HDMI-laatu

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

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



Kopiointisuojaus

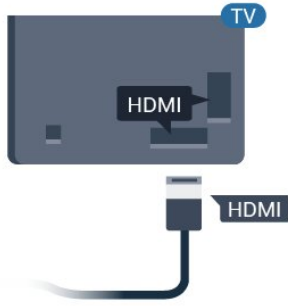
HDMI-kaapelit tukevat HDCP:tä (High-bandwidth Digital Contents Protection). HDCP on kopiointisuojaussignaali, joka estää käyttäjiä kopioimasta DVD- ja Blu-ray-levyjen sisältöä. Siihen viitataan myös lyhenteellä DRM (Digital Rights Management).

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-liitännää kotiteatterijärjestelmän liittämiseen, mutta ARC-liitäntä on käytettävissä vain yhdelle laitteelle/liitännälle kerrallaan.

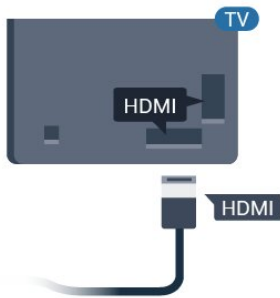


HDMI CEC – EasyLink

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 ja käytä niitä voi käyttää television kauko-ohjaimella.

EasyLink HDMI CEC -toiminnon on oltava käytössä sekä televisiossa että liitetyssä 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. Paina (alas), valitse 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.

EasyLink-kaukosäädin

Jos haluat, että laitteet ovat yhteydessä toisiinsa, mutta et halua säätää niitä television kaukosäätimellä, voit poistaa EasyLink-kaukosäätimen käytöstä erikseen.

Ota EasyLink-kaukosäädin käyttöön tai pois käytöstä seuraavasti.

Ammattilaistila EI KÄYTÖSSÄ – Valitse / Koti. Paina (alas), valitse Asetukset ja paina OK-painiketta.

Valitse Lähteet > EasyLink ja paina OK-painiketta.

Valitse EasyLink-kaukosäädin ja paina OK-painiketta.

Valitse Pälle tai Pois ja paina OK-painiketta.

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

Ammattilaistila KÄYTÖSSÄ – Lisätietoja on asennusoppaassa.

6.2

CA-moduuli ja Smart Card – CI+

CI+

Televisiossa on CI+ Conditional Access -moduulivalmius.

CI+-moduulin avulla voit katsoa ensiluokkaisia teräväpiirto-ohjelmia, kuten elokuvia ja urheiluohjelmia, joita alueesi digitaali-televisio-operaattorit lähettävät. Operaattorit käyttävät ohjelmissa salausta, jonka esimaksettu CI+-moduuli purkaa.

Kun tilaat digitaali-televisio-operaattoreilta maksullisia ohjelmia, saat CI+-moduulin (CA-moduulin) ja sen

mukana Smart Card -kortin. Ohjelmat on kopiosuojattu tehokkaasti.

Saat lisätietoa käyttöehdoista ottamalla yhteyttä TV-operaattoriin.



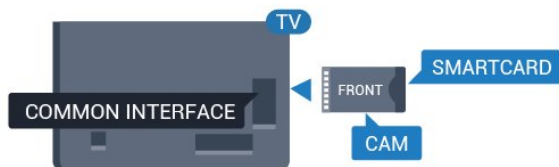
Smart Card

Kun tilaat digitaalitelevisio-operaattoreilta maksullisia ohjelmia, saat Ci+-moduulin (CA-moduulin) ja sen mukana Smart Card -kortin.

Aseta Smart Card CA-moduuliin. Katso operaattorilta saamiasi ohjeita.

CA-moduulin asettaminen televisioon

- 1 - Tarkista CA-moduulista oikea asetussuunta. Moduuli ja televisio voivat vahingoittua, jos moduuli asetetaan väärin.
- 2 - Katso television takaosaa ja pitele CA-moduulin etuosaa itseäsi kohti. Aseta CA-moduuli varovasti COMMON INTERFACE -aukkoon.
- 3 - Työnnä CA-moduuli niin pitkälle kuin se menee. Jätä se korttipaikkaan.



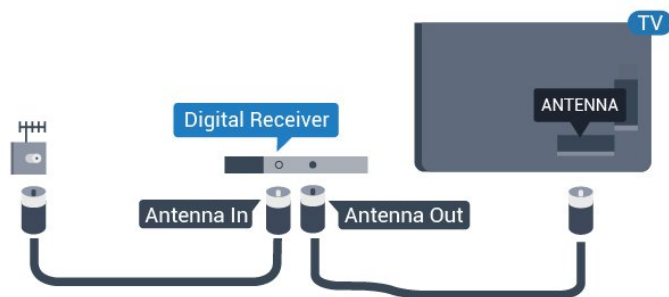
Kun kytket televisioon virran, CA-moduulin aktivoitumiseen saattaa kulua muutama minuutti. Kun CA-moduuli on asetettu televisioon ja tilausmaksu on maksettu (tilausmenettelyt voivat vaihdella), voit katsella CA-moduulin Smart Cardin tukemia salattuja kanavia.

Voit käyttää CA-moduulia ja Smart Cardia vain omassa televisiossasi. Jos poistat CA-moduulin, et enää voi katsella sen tukemia salattuja kanavia.

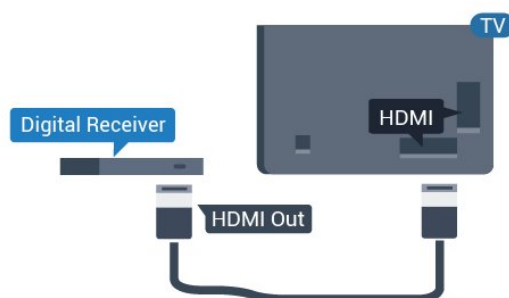
6.3

Vastaanotin – digisovitin

Liitä antenni digisovittimeen (digitaalivastaanottiin) ja televisioon kahdella antennikaapelilla.



Liitä digisovitin televisioon HDMI-kaapelilla antenniliitäntöjen viereen.



6.4

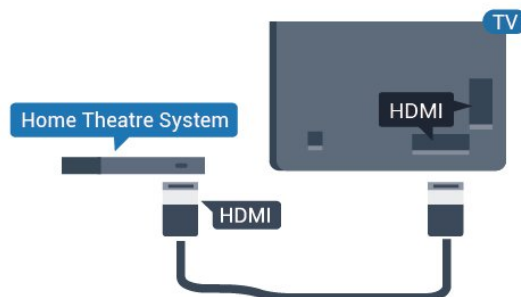
Kotiteatterijärjestelmä

HDMI ARC -liitäntä

Liitä kotiteatterijärjestelmä televisioon HDMI-kaapelilla. Televisioon voi liittää Philips Soundbar-järjestelmän tai kotiteatterijärjestelmän, jossa on sisäänrakennettu soitin.

HDMI ARC

Jos kotiteatterijärjestelmässä on HDMI ARC -liitäntä, voit liittää sen mihin tahansa television HDMI-liitännöistä. HDMI ARC -liitäntää käyttämällä et tarvitse erillistä äänikaapelia. HDMI ARC -liitäntä yhdistää molemmat signaalit. Television kaikkien HDMI-liitäntöjen kautta on mahdollista lähettää ARC (Audio Return Channel) -signaalia. Kun kotiteatterijärjestelmä on liitetty, televisio voi lähettää ARC-signaalia ainoastaan tähän HDMI-liitäntään.



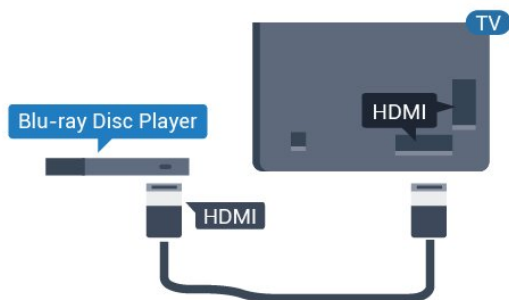
Äänen ja videokuvan synkronointi

Jos ääni ei vastaa kuvaa, ääntä voi viivyttaa useimmissa soittimella varustetuissa kotiteattereissa, jotta ääni ja kuva vastaavat toisiaan.

6.5

Blu-ray-soitin

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

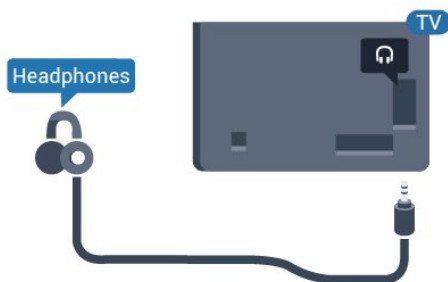


Jos Blu-ray-soittimessa on EasyLink HDMI CEC, voit käyttää soitinta television kauko-ohjaimella.

6.6

Kuulokkeet

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

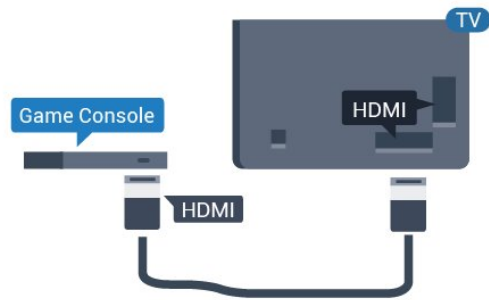


6.7

Pelikonsoli

HDMI

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



6.8

USB Flash -asema

Voit katsella valokuvia tai toistaa musiikkia tai videokuvaa liitetystä 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
KÄYTÖSSÄ – Valitse / Koti >
Sovellukset > **Lähteet**. Valitse USB ja paina OK-painiketta.

Ammattilaistila KÄYTÖSSÄ – Valitse / Koti > TV-kanavat , > **LÄHTEET** . 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.

6.9

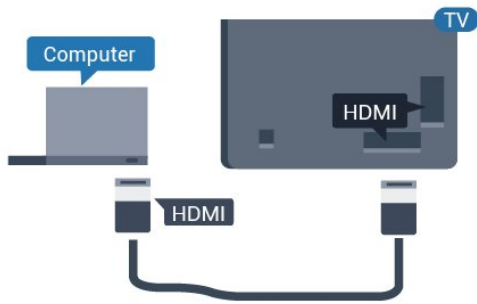
Tietokone

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 KÄYTÖSSÄ – 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

7.1

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 - Valitse CHANNELS ja SOURCES.
- 2 - Valitse Mediaselain ja paina OK-painiketta.
- 3 - Voit selata tiedostoja siinä kansiorakenteessa, jonka olet luonut levyllä.
- 4 - Lopeta videoiden, valokuvien ja musiikin toistaminen painamalla -painiketta.

7.2

Videoiden toistaminen

Videoiden toistaminen

Videokansion avaaminen

- 1 - Valitse CHANNELS ja SOURCES.
- 2 - Valitse Mediaselain > Videot ja paina OK-painiketta.

Palaa kansioon painamalla -painiketta.

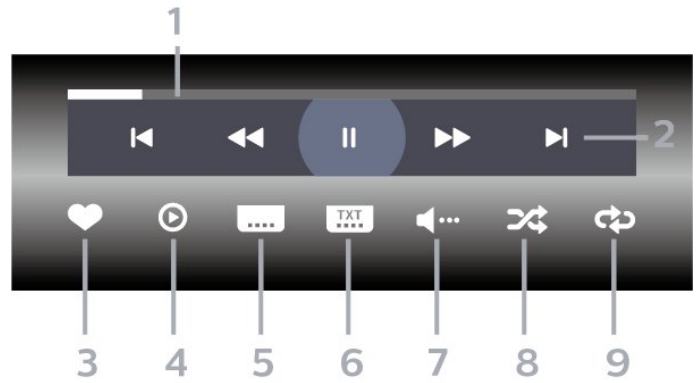
Videon toistaminen

- 1 - Valitse CHANNELS ja Lähteet.
- 2 - Valitse Mediaselain > Videot ja paina OK-painiketta.
- 3 - Valitse video ja valitse Toista kaikki, kun haluat toistaa kaikki kansion tiedostot, tai Merkitse suosikiksi, kun haluat lisätä valitun videon Suosikit-valikkoon – Suosikit.

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

Hallintapalkki

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



- 1 - Tilanneilmaisain
- 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

Videoasetukset

Valitse videon toiston aikana OPTIONS > Tiedot ja paina OK-painiketta.

- Merkitse suosikiksi – Määritä valittu video suosikiksi.
- Toista kaikki – Toistaa kansion kaikki videotiedostot.
- Tekstitys – Jos tekstitys on saatavilla, voit valita tilaksi Päällä, Pois tai Mute-toiminnossa.
- Äänen kieli – Jos toiminto on saatavilla, voit valita äänen kielen.
- Satunnaistoisto – Toistaa tiedostot satunnaisessa järjestyksessä.
- Uusinta – Toistaa kaikki kansion videot kerran tai jatkuvasti.

Kuvien katselu

Kuvien katselu

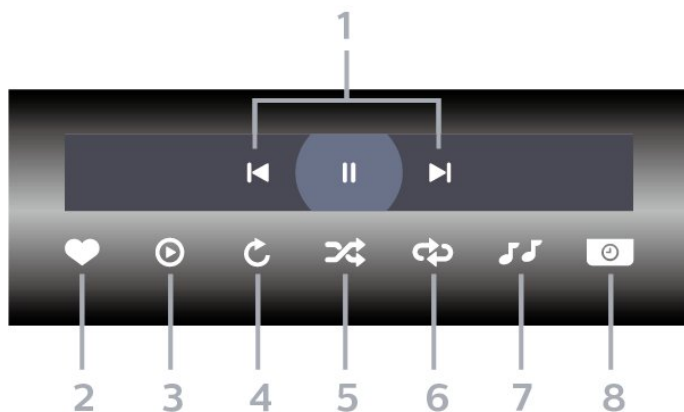
Valokuvakansion avaaminen

- 1 - Valitse CHANNELS ja SOURCES.
- 2 - Valitse Mediaselain > Valokuvat ja paina OK-painiketta.

Valokuvan katselu

- 1 - Valitse CHANNELS ja SOURCES.
 - 2 - Valitse Mediaselain > Valokuvat ja paina OK-painiketta.
 - 3 - Valitse Valokuvat ja jokin valokuva.
- Paina Diaesitys, kun haluat toistaa kaikki kansiossa olevat tiedostot, tai Suosikki, kun haluat lisätä valitun valokuvan Suosikit-valikkoon
- Suosikit.

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

Valokuva-asetukset

Valitse videon toiston aikana OPTIONS > Tiedot ja paina OK-painiketta.

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

Toista musiikkia

Toista musiikkia

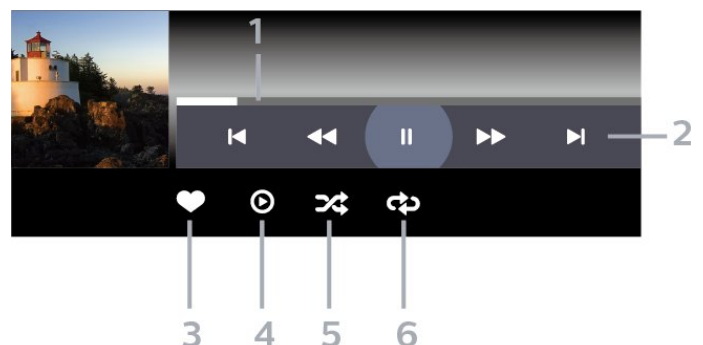
Musiikkikansion avaaminen

- 1 - Valitse CHANNELS ja SOURCES.
- 2 - Valitse Mediaselain > Musiikki ja paina OK-painiketta.

Toista musiikkia

- 1 - Valitse CHANNELS ja SOURCES.
- 2 - Valitse Mediaselain > Musiikki ja paina OK-painiketta.
- 3 - Valitse Suosikki, kun haluat lisätä musiikkikansion Suosikit-valikkoon – Suosikit.
- 4 - Voit etsiä musiikkikappaleita helposti käyttämällä luokkia – Lajit, Esittäjät, Albumit, Raidat.

Hallintapalkki



- 1 - Tilanneilmaisain
- 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

Musiikkiasetukset

Valitse musiikin toiston aikana **+** **OPTIONS > Tiedot** ja paina **OK**-painiketta.

- Merkitse suosikiksi
- Toista kaikki musiikki
- Satunnaistoisto: toistaa tiedostot satunnaisessa järjestyksessä
- Uusinta: toistaa kansion musiikkisisällön kerran tai jatkuvasti

TV-opas

TV-oppaan käyttäminen

TV-oppaan avaaminen

Avaa TV-opas painamalla  TV GUIDE -painiketta. TV-opas näyttää valitun virittimen kanavat.

Sulje painamalla  TV GUIDE -painiketta uudelleen.

Kun avaat TV-oppaan ensimmäisen kerran, televisio hakee kaikkien TV-kanavien ohjelmatiedot. Tämä voi kestää useita minuutteja. TV-opastiedot tallennetaan televisioon.

Pelit

9.1

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.

Lisätietoja pelikonsolin liittamisestä saat [ohjeesta](#) painamalla  Avainsanat -väripainiketta ja etsimällä aiheen Pelikonsoli, liittäminen.

Ammattilaistila KÄYTÖSSÄ – Paina  SOURCES-painiketta ja valitse pelikonsoli tai yhteyden nimi.

Käynnistä peli.

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



Lisätietoja pelikonsolin liittamisestä saat [ohjeesta](#) painamalla  Avainsanat -väripainiketta ja etsimällä aiheen Pelikonsoli, liittäminen.




Sovellukset-valikosta

Pelin käynnistäminen sovellusvalikosta



Ammattilaistila EI
KÄYTÖSSÄ – Valitse  /  Koti
>  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 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

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
- Aseta herätys ⌚
- Sää 🌤️
- Valikoiden kieli 🗣️
- Nykyinen aika


Avaa Ammattilaistila-valikko

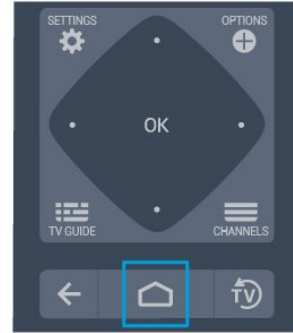
Ammattilaistila EI KÄYTÖSSÄ – katso lisätietoja kohdasta Android TV:n aloitusnäyttö.

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.

Suositus

Avaa Ammattilaistila-valikko ja valitse Suositus.

1 – Avaa Ammattilaistila-valikko.

2 – Valitse Suositus 👍 ja avaa toiminto painamalla OK-painiketta.

3 – Valitse  Suositellut TV-kanavat. Valitse kanava luettelosta ja paina OK-painiketta.





4 – Valitse  Sovellukset. Valitse sovellus luettelosta ja paina OK-painiketta.

TV-kanavat

Kanavaluettelot

Tietoja kanavaluetteloista

Kun kanavat on asennettu, kaikki kanavat näkyvät kanavaluettelossa. Kanavien nimet ja logot näytetään myös, mikäli nämä tiedot ovat saatavissa.

Kun kanavaluettelo on valittuna, voit valita kanavan nuolipainikkeilla  (ylös) tai  (alas) ja valitse OK, kun haluat katsella valittua kanavaa. Voi valita vain kyseisessä luettelossa oleva kanavat painikkeilla  + tai  -.







Radiokanavat

Jos digitaalisia lähetyksiä on saatavana, digitaaliset radiokanavat asennetaan asennuksen yhteydessä.

Radiokanavaa vaihdetaan samalla tavalla kuin televisiokanavaakin.


Kanavaluettelon avaaminen

Nykyisen kanavaluettelon avaaminen

1. Siirry TV:n katseluun valitsemalla .
2. Avaa nykyinen kanavaluettelo valitsemalla  CHANNELS. Näet kaikki TV- ja radiokanavat valitsemalla  Kaikki kanavat. Valitse , kun haluat nähdä vain TV-kanavat. Valitse , kun haluat nähdä vain radiokanavat.
3. Sulje kanavaluettelo painamalla  CHANNELS-painiketta uudelleen.

Kanavien katseleminen

Kanavan virittäminen

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

Kanavan vaihtaminen

- Vaihda kanavaa valitsemalla  + tai  -.

Edellinen kanava

- Voit palata edelliselle kanavalle painamalla  BACK -painiketta.

Kanavaluettelo

Voit avata kanavaluettelon TV:n katselun aikana painamalla -painiketta.



Kanavan asetukset

Asetusten avaaminen

Katsellessasi TV-kanavaa voit määrittää joitakin sitä koskevia asetuksia.

Katselemasi kanavan tyyppi (analoginen tai digitaalinen) tai määrittämiesi TV-asetusten mukaan valittavissa on tietyt asetukset.

Asetusvalikon avaaminen

- 1 - Kun katselet kanavaa, paina  **OPTIONS**-painiketta.
- 2 - Sulje painamalla  **OPTIONS** -painiketta uudelleen.





10.5

TV-kanavat

Kanavaluettelot

Tietoja kanavaluetteloista

Kun kanavat on asennettu, kaikki kanavat näkyvät kanavaluettelossa. Kanavien nimet ja logot näytetään myös, mikäli nämä tiedot ovat saatavissa.







Kun kanavaluettelo on valittuna, voit valita kanavan nuolipainikkeilla  (ylös) tai  (alas) ja valitse **OK**, kun haluat katsella valittua kanavaa. Voi valita vain kyseisessä luettelossa oleva kanavat painikkeilla  + tai  -.

Radiokanavat

Jos digitaalisia lähetyksiä on saatavana, digitaaliset radiokanavat asennetaan asennuksen yhteydessä. Radiokanavaa vaihdetaan samalla tavalla kuin televisiokanavaakin.


Kanavaluettelon avaaminen

Nykyisen kanavaluettelon avaaminen

1. Siirry TV:n katseluun painamalla  -painiketta.
2. Avaa nykyinen kanavaluettelo valitsemalla  CHANNELS. Näet kaikki TV- ja radiokanavat valitsemalla  Kaikki kanavat. Valitse , kun haluat nähdä vain TV-kanavat. Valitse , kun haluat nähdä vain radiokanavat.
3. Sulje kanavaluettelo painamalla  CHANNELS-painiketta uudelleen.

Kanavien katseleminen

Kanavan virittäminen

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


Kanavan vaihtaminen

- Voit vaihtaa kanavaa  +- tai  --painikkeella.

Edellinen kanava

- Voit palata edelliselle kanavalle painamalla  BACK -painiketta.

Kanavaluettelo

Kun katselet TV-kanavaa, avaa kanavaluettelo painamalla -painiketta.

Kanavan asetukset

Asetusten avaaminen


Katsellessasi TV-kanavaa voit määrittää joitakin sitä koskevia asetuksia.

Katselemasi kanavan tyyppin (analoginen tai digitaalinen) tai määrittämiesi TV-asetusten mukaan valittavissa on tietyt asetukset.

Asetusvalikon avaaminen

1 – Kun katselet kanavaa, paina 

OPTIONS-painiketta.

2 – Sulje painamalla  OPTIONS -painiketta uudelleen.

10.6

Google Cast

Vaatimukset

Jos mobiililaitteesi sovellus tukee Google Cast -toimintoa, voit heijastaa sovellusnäkömään televisioon. Etsi mobiilisovelluksesta Google Cast -kuvake. Voit hallita televisiota mobiililaitteella. Google Cast toimii Android- ja iOS-puhelimissa.

Mobiililaitteesi on yhdistettävä samaan Wi-Fi-kotiverkkoon kuin televisio.

Google Cast -toimintoa tukevat sovellukset

Uusia Google Cast -sovelluksia on saatavilla päivittäin. Voit kokeilla toimintoa YouTube, Chromen, Netflixin, Photowallin tai esimerkiksi Big Web Quiz for Chromecast -sovelluksen kanssa. Katso tietoja myös osoitteesta google.com/cast

Jotkut Google Play -tuotteet ja -ominaisuudet eivät ole saatavilla kaikissa maissa.


Lisätietoja on osoitteessa support.google.com/androidtv

Google Cast -toisto televisiossa

Toista TV-ruudulla

Ammattilaistila KÄYTÖSSÄ – avaa Ammattilaistila-valikko ja valitse Cast.

1 – Avaa Ammattilaistila-valikko.

2 – Valitse **Cast**  ja avaa se painamalla OK -painiketta.

3 – Yhdistä älypuhelin televisioon Wi-Fi Direct -yhteydellä (skannaa QR-koodi tai käytä Wi-Fi-yhteyden SSID-tunnusta ja salasanaa). Avaa Google Cast -yhteensopiva sovellus.

4 – Kosketa Google Cast -kuvaketta.

5 – Valitse televisio, johon haluat toistaa.

6 – Paina toistopainiketta älypuhelimessa tai tabletissa. Valitsemasi sisällön pitäisi alkaa toistua televisiossa.

10.7

Pelit

Avaa Ammattilaistila-valikko ja valitse Pelit.

1 – Valitsemalla  /  Koti voit avata Ammattilaistila-valikon.

2 – Valitse Pelit  ja paina OK-painiketta.

Ihanteellinen peliasetus

Jos pelin nopeus ja tarkkuus on tärkeää, aseta TV**pelitilaan**, ennen kuin alat pelata.

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


Jos pelikonsolin tyyppi on asetettu **Pelaaja** ja sitä käytetään enimmäns 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.

10.8

Enemmän

Avaa Ammattilaistila-valikko ja valitse Enemmän.


1 – Avaa Ammattilaistila-valikko.

2 – Valitse  Enemmän ja avaa toiminto painamalla OK-painiketta.


3 – Valitse  Asetukset.

• Kuva :

Vaihda esimääritettyjä kuvatyylejä. Elokuvien, valokuvien jne. katseluun on suunniteltu eri tyylejä.

• Ääni :

Vaihda esimääritettyjä äänityylejä. Esimerkiksi elokuvien katseluun, musiikin kuunteluun ja pelien pelaamiseen sopivat erilaiset tyylit.

• Kuvamuoto :


Valitse TV-ruutuun sopiva kuvasuhde.

• Valikoiden kieli :

Valitse kieli ja paina OK-painiketta.


4 - Valitse  Ominaisuudet ja paina OK-painiketta.


• Aseta herätys  :

Televisioon voidaan asettaa herätys. Televisio käynnistyy asetettuna herätysaikana. Herätysajan voi asettaa myös painamalla kaukosäätimen  -painiketta.

• Uniajastin  :

Voit säätää aikaa liukusäätimellä enintään 180 minuuttiin 5 minuutin välein. Jos asetukseksi määritetään 0 minuuttia, uniajastin poistuu käytöstä. Voit halutessasi katkaista televisiosta virran aikaisemmin tai määrittää uuden ajan ajastetun ajan kuluessa.

• Sää  :

Näyttää nykyisen lämpötilan ja nykyisen sijainnin 5 vuorokauden sääennusteen. Herätysajan voi asettaa myös painamalla kaukosäätimen  -painiketta.

• TV-opas:

Määrittää television vastaanottamaan TV-oppaan tiedot televisioyhtiöltä tai internetistä.

• TalkBack  :

TalkBack auttaa näkövammaisia käyttäjiä käyttämään televisiota puhumalla ääneen kuvaruudussa näkyvät sanat.

5 - Valitse Oma asetus  ja paina OK-painiketta.

10.9


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. Voit kytkeä kuvaruutuun virran uudelleen painamalla mitä tahansa kaukosäätimen painiketta.

Aseta sammutuksen ajastin

Valitse  /  Koti >  Enemmän
>  Ominaisuudet >  Uniajastin > Uniajastin.

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

Sammutuksen ajastimen ansiosta TV sammuu
automaattisesti virran säästämiseksi.

* Jos TV vastaanottaa TV-signaalia, mutta et paina
mitään kauko-ohjaimen painiketta neljään tuntiin, TV
sammuu automaattisesti.

*TV sammuu automaattisesti myös, jos se ei
vastaanota TV-signaalia eikä kaukosäätimellä
annettuja komentoja 10 minuuttiin.

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

10.10

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

11.1

Tietoja Android TV:n aloitusnäytöstä

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

Aloitusnäyttö 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.

11.2

Android TV:n aloitusnäytön avaaminen

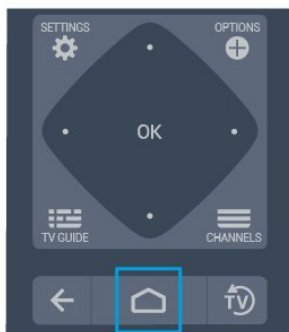
Ammattilaistila KÄYTÖSSÄ – Lisätietoja on asennusoppaassa.

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.

11.3

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) tai (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

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

Ultra Resolution




Valitse  /  Koti >  Asetukset > Kuva >

Lisäasetukset > Terävyys > Ultra Resolution.

Kun asetus on Päälle, se terävöittää ääriviivoja ja yksityiskohtia.

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 kuvaformaattit 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.

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

Sammutuksen ajastimen ansiosta TV sammuu automaattisesti virran säästämiseksi.

* Jos TV vastaanottaa TV-signaalia, mutta et paina mitään kauko-ohjaimen painiketta neljään tuntiin, TV sammuu automaattisesti.

*TV sammuu automaattisesti myös, jos se ei vastaanota TV-signaalia eikä kauko-ohjaimella annettuja komentoja 10 minuuttiin.

Jos käytät televisiota tietokoneen näyttönä tai katselet televisiota digitaalivastaanottimella (digisovittimella) käyttämättä television kauko-ohjainta, 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. Voit kytkeä kuvaruutuun virran uudelleen painamalla mitä tahansa kaukosäätimen painiketta.

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.

Erityisryhmäasetukset

Valitse    Käytettävyyss > Erityisryhmille.

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

Ota erityisryhmäasetukset käyttöön




Valitse    Käytettävyyss > Erityisryhmille > Käytössä.

Erityisryhmäasetukset – kuulorajoitteiset


Valitse    Käytettävyyss > 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    Käytettävyyss > Erityisryhmille > Äänikuvaus > Äänikuvaus > Käytössä.

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

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

- Yhdistetty äänenvoimakkuus -tilassa voit yhdistää normaalin äänenvoimakkuuden selostuksen äänen kanssa. Suurennä 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   

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   

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-lähetyksen 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.

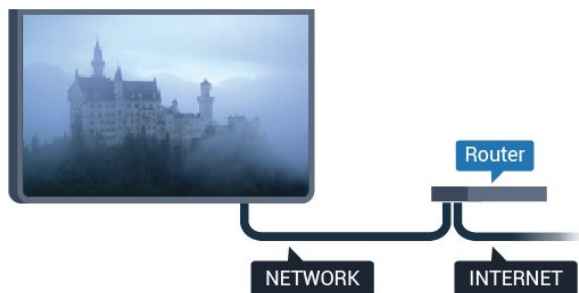
DHCP

- 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.

Asetukset

Näytä verkkoasetukset

Valitse / Koti > Asetukset > Langaton ja verkko > Asetukset > Näytä verkkoasetukset.

Täällä voit tarkastella kaikkia verkkoasetuksia. IP- ja MAC-osoite, yhteyden voimakkuus, nopeus, salaustapa jne.

Verkkomäärittelykset – DHCP / vakio-IP

Valitse / Koti > Asetukset > Langaton ja verkko > Asetukset > Verkkomäärittelykset > DHCP / vakio-IP.

Valitse DHCP tai, jos olet edistynyt käyttäjä, voit määrittää verkon staattisella IP-osoitteella.

Verkkomäärittelykset – kiinteä IP-määrittely

Valitse / Koti > Asetukset > Langaton ja verkko > Asetukset > Kiinteä IP-määrittely.

1 - Valitse Kiinteä IP-määrittely ja määritä yhteyden asetukset.

2 - Voit määrittää numerot asetuksille IP-osoite, Netmask, Väylä, DNS 1 ja DNS 2.

Herätä LAN-yhteydellä (WoL)

Valitse / Koti > Asetukset > Langaton ja verkko > Asetukset > Wake on LAN (WoL).

Poista käytöstä / ota käyttöön Wake on LAN (WoL). Voit herättää TV:n samassa lähiverkossa olevasta ulkoisesta laitteesta.

Herätä Wi-Fi-yhteydellä (WoWLAN)

Valitse / Koti > Asetukset > Langaton ja verkko > Asetukset > Wake on Wi-Fi (WoWLAN).

Poista käytöstä / ota käyttöön Wake on Wi-Fi (WoWLAN). Voit herättää TV:n samassa Wi-Fi-verkossa olevasta ulkoisesta laitteesta.

Verkon tyyppi

Valitse / Koti > Asetukset > Langaton ja verkko > Asetukset > Verkon tyyppi.

- Kiinteä – Kiinteään verkkoon liittäminen.
- Langaton – 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.
- 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.
- 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.

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 salasana. 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 näytönäppäimistöllä 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

Kanavaluettelo

Tietoja kanavaluetteloista

Kun kanavat on asennettu, kaikki kanavat näkyvät kanavaluettelossa. Kanavien nimet ja logot näytetään myös, mikäli nämä tiedot ovat saatavissa.




Kun kanavaluettelo on valittuna, voit valita kanavan nuolipainikkeilla  (ylös) tai  (alas) ja valitse OK, kun haluat katsella valittua kanavaa. Voi valita vain kyseisessä luettelossa oleva kanavat painikkeilla  + tai  -.

Radiokanavat

Jos digitaalisia lähetyksiä on saatavana, digitaaliset radiokanavat asennetaan asennuksen yhteydessä. Radiokanavaa vaihdetaan samalla tavalla kuin televisiokanavaakin.


Kanavaluettelon avaaminen

Nykyisen kanavaluettelon avaaminen

1. Siirry TV:n katseluun painamalla  -painiketta.
2. Avaa nykyinen kanavaluettelo valitsemalla .
3. Sulje kanavaluettelo valitsemalla .

Kanavien katseleminen

Kanavan virittäminen

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


Kanavan vaihtaminen

- Voit vaihtaa kanavaa  + - tai  - -painikkeella.

Edellinen kanava

- Voit palata edelliselle kanavalle painamalla  BACK -painiketta.

Kanavaluettelo

Kun katselet TV-kanavaa, avaa kanavaluettelo painamalla  -painiketta.



Kanavan asetukset

Asetusten avaaminen

Common Interface

Jos olet asentanut CA-moduulin jompaankumpaan CI-moduulipaikkaan, voit tarkastella CA-moduulin ja operaattorin tietoja tai määrittää joitakin CA-moduuliin liittyviä asetuksia.

CA-moduulin tietojen näyttäminen

- 1 - Viritä kanava valitsemalla  OPTIONS.
- 2 - Valitse Common Interface.
- 3 - Valitse asianomainen CI-moduulipaikka ja paina  (oikea) -painiketta.
- 4 - Valitse CA-moduulin TV-operaattori ja paina OK-painiketta. Seuraavat näytöt koskevat TV-operaattoria.




Tekstitys



Tekstityskieli

Ensisijaiset tekstityskielet

Digitaalisesti lähetettävissä ohjelmissa voi olla käytettävissä useita tekstityskieliä. Voit määrittää ensi- ja toissijaisen tekstityskielen. Jos tekstitys on käytettävissä jommallakummalla kielellä, televisio näyttää valitsemasi tekstityksen.

Ensi- ja toissijaisen tekstityskielen määrittäminen


1 - Valitse  /  Koti. Paina  (alas), valitse **Asetukset** ja paina **OK**-painiketta.
2 - Valitse Alue ja kieli > Kielet > Ensisijainen teksti tai Toissijainen teksti.

3 - Valitse tarvittava kieli ja paina **OK**-painiketta.
4 - Siirry yksi vaihe taaksepäin painamalla  (vasen) -painiketta tai sulje valikko painamalla  **BACK** -painiketta.

Tekstityskielen valitseminen

Jos kumpikaan määrittämistäsi tekstityskielistä ei ole käytettävissä, voit valita jonkin muun käytettävissä olevan tekstityskielen. Jos tekstityskieliä ei ole käytettävissä, tätä asetusta ei voi valita.

Tekstityskielen valitseminen, kun kumpikaan määritetyistä tekstityskielistä ei ole käytettävissä




1 - Paina  **OPTIONS**-painiketta.
2 - Valitse **Tekstityskieli** ja valitse sitten jokin kieli tekstityksen väliaikaiseksi kieleksi.



Äänen kieli

Ensisijainen äänen kieli

Digitaalisesti lähetettävissä ohjelmissa voi olla käytettävissä useita äänen kieliä (puhuttuja kieliä). Voit määrittää ensi- ja toissijaisen äänen kielen. Jos ääni on käytettävissä jommallakummalla kielellä, televisio valitsee kyseisen äänen kielen.

Ensi- ja toissijaisen äänen kielen määrittäminen


1 - Valitse  /  Koti. Valitse  (alas), > **Asetukset** ja paina **OK**-painiketta.
2 - Valitse Alue ja kieli > Kielet > Ensisijainen ääni tai Toissijainen ääni.

3 - Valitse tarvittava kieli ja paina **OK**-painiketta.
4 - Siirry yksi vaihe taaksepäin painamalla  (vasen) -painiketta tai sulje valikko painamalla  **BACK** -painiketta.

Valitse äänen kieli

Jos kumpikaan määrittämistäsi äänen kielistä ei ole käytettävissä ja käytettävissä on muita äänen kieliä, voit valita jonkin muun kielen. Jos äänen kieliä ei ole käytettävissä, tätä asetusta ei voi valita.


Äänen kielen valitseminen, kun kumpikaan määritetyistä äänen kielistä ei ole käytettävissä

1 - Paina  **OPTIONS**-painiketta.
2 - Valitse **Äänen kieli** ja valitse sitten kieli, jonka haluat ottaa väliaikaisesti käyttöön.

Kanavatiedot

Kanavatietojen näyttäminen





Valitun kanavan tietojen näyttäminen

1 - Valitse kanava.
2 - Paina  **OPTIONS** -painiketta, valitse **Kanavatiedot** ja paina **OK**-painiketta.
3 - Sulje tämä näyttö painamalla **OK**-painiketta.

Mono/Stereo

Voit vaihtaa analogisen kanavan äänen mono- tai stereoääneksi.


Vaihtaminen mono- tai stereoääneen

1 - Siirry analogiselle kanavalle.
2 - Paina  **OPTIONS** -painiketta, valitse **Mono/stereo** ja paina  -painiketta (oikea).
3 - Valitse **Mono** tai **Stereo** ja paina **OK**-painiketta.
4 - Siirry yksi vaihe taaksepäin painamalla  (vasen) -painiketta tai sulje valikko painamalla  **BACK** -painiketta.

Ohjelmatiedot

Ohjelmatietojen näyttäminen

Valitun ohjelman tietojen näyttäminen

1 - Valitse kanava.
2 - Paina  **OPTIONS** -painiketta, valitse **Ohjelmatiedot** ja paina **OK**-painiketta.
3 - Sulje tämä näyttö painamalla **OK**-painiketta.

11.6

Kanavien asennus

Kanavien asentaminen




Antenni-/kaapeli-asennus

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 kanavatyyppi, **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 kanavaluetteluun, 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 - Valitse  /  HOME.
- 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 .

Internet-valinnat

Internet-käytössä on tarjolla tiettyjä lisävalintoja.

Lisävalintojen avaaminen

- 1 - Kun verkkosivu on auki, paina  **OPTIONS**-painiketta.
- 2 - Valitse jokin kohteista ja paina OK-painiketta.
- Lisää pikavalinta: Kirjoita uusi internet-osoite.

- Lisää kirjanmerkkeihin: Lisää sivu kirjanmerkkeihin
- Sivun suojaus: Näyttää nykyisen sivun suojaustason.
- Uusi yksityinen välilehti: Avaa uusi välilehti yksityistä selausta varten.
- Asetukset: Zoomaus, tekstikoko, helppokäyttötila, valikkopalkin näyttöasetukset, selaushistorian tyhjennys
- Ohje: Selaimen tiedot
- Sulje selain: Sulje selainsovellus

11.8

Älypuhelimet ja tablet-laitteet





11.9

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 mallinumero. (Mallinumero 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

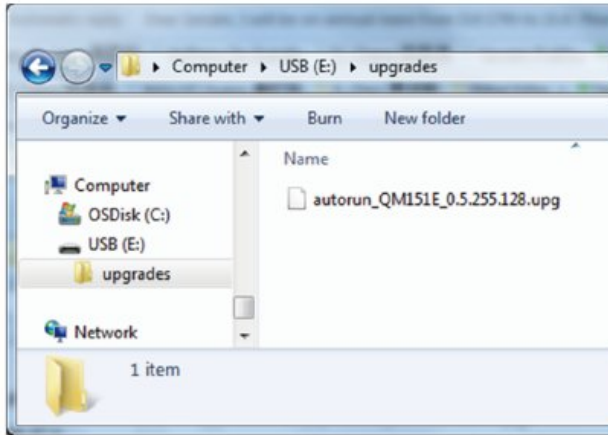
ladataan automaattisesti.

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

Avoimen lähdekoodin käyttöoikeussopimus

Tietoja avoimen lähdekoodin käyttöoikeuksista

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

Tässä asiakirjassa kuvataan Philipsin televisiossa käytettävän lähdekoodin jakamista. Lähdekoodi on GNU-hankkeen yleisen lisenssin (GNU General Public License, GPL-lisenssi) tai GNU LGPL -lisenssin (GNU Lesser General Public License) tai muiden avoimen lähdekoodien käyttöoikeuksien alainen. Tämän ohjelmiston kopioiden hankintaohjeet ovat käyttöohjeissa.

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 takuusiin tai käyttäjän lainmukaisiin oikeuksiin. Edellä mainittu koskee vain tätä lähdekoodia.

Open Source

Android (9.0.0)

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

linux kernel (4.9)

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

mbd TLS (2.6.0)

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

aacenc (3.3.3)

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

alsa (1.0.24.1)

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

appweb (4.3.5)

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

atf (1.3)

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

bash (3.2.48)

The shell, or command language interpreter. The original download site for this software is : <http://www.gnu.org/software/bash/> . This piece of software is made available under the terms and

conditions of the GPL 2.0 license, which can be found below.

bluetooth_mw (1.0)

BT Stack. The original download site for this software is : <https://android.googlesource.com/platform/system/bt> .This piece of software is made available under the terms and conditions of the Apache 2.0 license, which can be found below.

bluetooth_stack (1.0)

BT Stack. The original download site for this software is : <https://android.googlesource.com/platform/system/bt> .This piece of software is made available under the terms and conditions of the Apache 2.0 license, which can be found below.

bluetooth_tool (1.0)

BT Stack. The original download site for this software is : <https://android.googlesource.com/platform/system/bt> .This piece of software is made available under the terms and conditions of the Apache 2.0 license, which can be found below.

boost (1.15.0)

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

busybox (1.15.3)

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

c-ares (1.12.0)

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

cJSON (1.7.7)

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

coreutils (6.9)

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

below.

libcurl (7.59.0)

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

dfb (1.5.3)

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

dibbler (1.0.1)

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

dosfstools (2.9)

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

e2fsprogs (1.41.14)

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

electric-fence (2.1.13)

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

encfs (1.3.2)

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

expat (2.1.0)

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

findutils (4.2.31)

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

freetype (2.7.1)

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

fuse (2.8.4)

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

fusion (8.7.0)

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

gawk (3.1.5)

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

gdisk (0.8.1)

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

glibc (2.18)

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

googletest (1.7.0)

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

grep (2.5.1a)

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

gzip (1.3.12)

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

harfbuzz (1.4.2)

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

icu (51.1)

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

inetutils (1.4.2)

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

conditions of the GPL 2.0 license, which can be found below.

iptables (1.4.15)

Iptables is a user space application program that allows a system administrator to configure the tables provided by the Linux kernel firewall (implemented as different Netfilter modules) and the chains and rules it stores. Different kernel modules and programs are currently used for different protocols; iptables applies to IPv4. The original download site for this software is : <https://android.googlesource.com/> . This piece of software is made available under the terms and conditions of the GPL 2.0.

iputils (s20101006)

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

jansson (2.4)

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

jpeg (6b)

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

jsonrpc (2.0)

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

libdwarf

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

libelf (0.8.1.3)

The original download site for this software is : <http://www.mr511.de/software/> . This piece of software is made available under the terms and

conditions of the LGPL v2 license, which can be found below.

libiconv (1.11.1)

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

libnl (v3.2.29)

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

libusb (1.0.9)

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

libuv (libuv-v1.20.3)

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

libwebsockets (3.0)

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

libxml2 (2.7.8)

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

lighttpd (1.4.35)

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

liveMedia (2011.06.12)

The original download site for this software is : <http://www.live555.com> . This piece of software is made available under the terms and conditions of the LGPLv2.1 license, which can be found below.

lvm2 (2.02.89)

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

lz4 (1.8.1.2)

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

lzma (4.65)

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

mng (1.0.10)

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

module-init-tools (3.12)

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

mtp (1.1.6)

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

ncurses (5.7)

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

net-tools (1.60)

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

nghttp2 (1.21.1)

nghttp2 is an implementation of Hypertext Transfer

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

ntfs-3g (2010.5.22)

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

ntfsprogs (2.0.0)

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

ogg (1.3.2)

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

openh264 (1.7.0)

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

openssh (6.3p1)

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

openssl (1.0.2g)

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

png (1.2.43)

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

found below.

popt (1.16)

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

procmem (2.0)

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

procps (3.2.8)

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

procrank (2.0)

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

psmisc (22.13)

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pugixml (1.8)

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

python (2.7.9)

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

qrencode (3.4.2)

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

rlog (1.4)

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

rng-tools (5)

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

samba (3.0.37)

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

sawman (1.5.3)

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sed (4.1.5)

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simple-mtpfs (0.2)

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

sqlite (3.8.4.3)

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

sqlite3 (3.7.2)

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

tar (1.17)

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thttpd (2.25b)

The original download site for this software is : <http://acme.com/software/thttpd/> .This piece of

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toybox (0.4.0)

The original download site for this software is : <http://www.landley.net/toybox/downloads/toybox-0.4.0.tar.bz2> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

ttxfont (1.0)

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

uboot (2011.12)

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

udhcp (0.9.9-pre)

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

unicode (3.2)

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

uriparser (0.7.7)

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util-linux-ng (2.18)

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

webp (0.2.1)

libwebp: a library for browser, that can improve the performance of downloading image webp.txt's directory <http://teams.mediatek.inc/dtv/SSD/SS3/Tas/k%20Forces/Forms/AllItems.aspx?RootFolder=%2fdtv>

<http://code.google.com/p/webp/> .This piece of software is made available under the terms and conditions of the BSD license, which can be found below.

wget (1.10.2)

Check network for http/https .The original download site for this software is : <http://ftp.gnu.org/gnu/wget/wget-1.10.2.tar.gz> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

wireless_tools (v29)

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

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

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

xerces (3.1.1)

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

zlib(1.2.3)

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

Hue SDK (1.8.1)

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

Opera Web Browser (SDK 4.8.0)

This TV contains Opera Browser Software.
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URL: http://www.gnome.org/fonts/#Final_Bitstream_Vera_Fonts

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=====

1. I don't understand the resale restriction... What
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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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URL:
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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>

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* 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

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google-glog's symbolization library

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

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

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Google Cache Invalidation API

URL: https://chromium.googlesource.com/chromium/src/+/_master/third_party/cacheinvalidation/README.chromium

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```
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```

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

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

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

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linux-syscall-support

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LZ4 Library

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That's all there is to it!

modp base64 decoder

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

* MODP_B64 - High performance base64
encoder/decoder

* Version 1.3 -- 17-Mar-2006

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

*

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Mojo

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

PLY (Python Lex-Yacc)
Version 3.4

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

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Quick Color Management System
URL: <https://github.com/jrmuizel/qcms/tree/v4>

qcms
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re2 - an efficient, principled regular expression library

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

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sfntly

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

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Snappy: A fast compressor/decompressor

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

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

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zlib
URL: <http://zlib.net/>

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

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

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V8 JavaScript Engine
URL: <http://code.google.com/p/v8>

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- Strongtalk assembler, the basis of the files `assembler-arm-inl.h`, `assembler-arm.cc`, `assembler-arm.h`, `assembler-ia32-inl.h`, `assembler-ia32.cc`, `assembler-ia32.h`, `assembler-x64-inl.h`, `assembler-x64.cc`, `assembler-x64.h`, `assembler-mips-inl.h`, `assembler-mips.cc`, `assembler-mips.h`, `assembler.cc` and `assembler.h`. This code is copyrighted by Sun Microsystems Inc. and released under a 3-clause BSD license.

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Ohje ja tuki

13.1

Vianmääritys

Käyttöönotto ja kauko-ohjain

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 rungon normaaleista koon muutoksista sen lämmitessä tai viiletessä. Tämä ei vaikuta laitteen suorituskykyyn.

Televisio ei reagoi kauko-ohjaimeen


TV:n käynnistyminen kestää jonkin aikaa. Tänä aikana TV ei reagoi kauko-ohjaimeen eikä television painikkeisiin. Tämä on normaalia.

Jos TV ei edelleenkään reagoi kauko-ohjaimeen, voit tarkistaa kauko-ohjaimen toimivuuden matkapuhelimen kameralla. Aseta puhelin kameratilaan ja suuntaa kauko-ohjain kameran objektiiviin. Jos painat kauko-ohjaimen painikkeita ja huomaat, että infrapunavalon välkkyä kameran läpi katsottaessa, kauko-ohjain toimii. Televisio on tarkistettava.

Jos et huomaa välkkymistä, kauko-ohjain on ehkä rikki tai sen paristot ovat tyhjä.

Tämä kauko-ohjaimen tarkistuskeino ei koske kauko-ohjaimia, jotka on yhdistetty televisioon langattomasti.

Philips-aloitussäätö näytin näytämisen jälkeen televisio siirtyy takaisin valmiustilaan

Kun televisio on valmiustilassa, Philips-aloitussäätö tulee näkyviin, ja sitten televisio palaa valmiustilaan. Tämä on normaalia. Kun irrotat television virtalähteestä ja liität sen takaisin, näet käynnistysnäytin seuraavan käynnistytksen yhteydessä. Voit kytkeä television valmiustilasta toimintaan painamalla kauko-ohjaimen tai television -painiketta.

Valmiustilan merkkivalo vilkkuu

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

Kanavat

Asennuksen aikana ei löytynyt digitaalisia kanavia.

Tarkista teknisistä tiedoista, että televisiosi tukee DVB-T- tai DVB-C-kanavia.

Varmista, että kaikki kaapelit on kunnolla kiinnitetty ja että oikea verkko on valittuna.

Aiemmin asennettuja kanavia ei ole

kanavaluettelossa

Tarkista, että oikea kanava on valittu.

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 kuvasignaali ei 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 äänituloon. 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.

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 kysyttyihin kysymyksiin. Joissakin maissa voit keskustella verkossa yhteistyökumppanimme kanssa ja esittää kysymyksiä suoraan tai sähköpostilla. Voit ladata television uuden ohjelmiston tai käyttöoppaan tietokoneellesi.

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

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, kauko-ohjainta tai paristoja 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 virtajohdon 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 virtajohdon pistoke on helposti irrotettavissa ja pistorasia on kätevässä paikassa.

Vammautumisen tai television vaurioitumisen vaara

- Älä nosta tai kanna yksin yli 25 kiloa painavaa televisiota.
- Jos asennat television jalustalle, käytä vain mukana toimitettua jalustaa. Kiinnitä jalusta hyvin televisioon. Aseta televisio tasaiselle alustalle, joka kestää television ja jalustan painon.
- 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.

Turvallinen kiinnittäminen

Televisio saattaa pudota ja aiheuttaa vakavia henkilövahinkoja tai kuoleman. Monilta vammoilta säästytään – erityisesti lasten kohdalla – noudattamalla seuraavanlaisia yksinkertaisia varotoimenpiteitä:

- Varmista AINA, että televisio on kokonaan huonekalun päällä.
- Käytä AINA TV:n valmistajan suosittelemia kaappeja, jalustoja tai kiinnitysmenetelmiä.
- Käytä AINA vain sellaisia huonekaluja, jotka varmasti kestävät TV:n painon.
- Kerro lapsille AINA, kuinka vaarallista niissä huonekaluissa on kiipeillä, joissa TV on.
- Sijoita AINA TV:hen liitetyt johdot ja kaapelit niin, että niihin ei voi kompastua, niistä ei voi vetää eikä niihin voi tarttua.
- ÄLÄ KOSKAAN aseta TV:tä epävakaalle alustalle.
- ÄLÄ KOSKAAN aseta TV:tä korkeiden huonekalujen (kuten kirjahyllyn) päälle kiinnittämättä sekä huonekalua että TV:tä seinään tai sopivaan tukeen.
- ÄLÄ KOSKAAN aseta television ja huonekalun väliin kankaita tai muita materiaaleja.
- ÄLÄ KOSKAAN aseta TV:n tai sen alla olevan huonekalun päälle leluja, kaukosäätimiä tai muita esineitä, jotka voisivat houkutella lapsia kiipeämään.

Nämä seikat on otettava huomioon myös silloin, kun TV siirretään toiseen paikkaan.

Paristoihin liittyvä vaara

- Älä nielaise paristoa. Kemiallisen palovamman vaara.
- Kaukosäätimessä voi olla nappiparisto. Jos nappiparisto niellään, se voi aiheuttaa vakavia sisäisiä palovammoja jo kahdessa tunnissa ja voi johtaa kuolemaan.
- Pidä uudet ja käytetyt paristot poissa lasten ulottuvilta.
- Jos paristolokero ei sulkeudu kunnolla, lopeta tuotteen käyttö ja pidä se poissa lasten ulottuvilta.
- Jos epäilet, että paristo on nielty tai joutunut mihin tahansa ruumiin aukkoon, hakeudu välittömästi lääkärin hoitoon.
- Väärän tyyppinen paristo saattaa aiheuttaa tulipalo- tai räjähdysvaaran.
- Väärän tyyppinen paristo voi aiheuttaa virheen turvatoiminnossa (esimerkiksi joissakin litiumparistotyypeissä).

- Pariston hävittäminen polttamalla tai kuumassa uunissa tai mekaanisesti murskaamalla tai leikkaamalla aiheuttaa räjähdysvaaran.
- Pariston altistaminen erittäin kuumalle lämpötilalle aiheuttaa räjähdysvaaran tai syttyvän nesteen tai kaasun vuotoriskin.
- Pariston altistaminen erittäin matalalle ilmanpaineelle aiheuttaa räjähdysvaaran tai syttyvän nesteen tai kaasun vuotoriskin.

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 liitännästään 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 pakkauksesta 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 ilmankosteuden 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.
- Irrota television verkkojohto 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, kellonaikanäytöt jne. Jos käytät liikkumattomia kuvia, vähennä näytön kontrastia ja kirkkautta, jotta näyttö ei vahingoittuisi.

14.3

Ilmoitus säteilyaltistuksesta (vain kiinteä Wi-Fi)

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) (vain 2,4 G-laitteet).

–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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Tämän tuotteen on tuonut markkinoille TP Vision Europe B.V. tai jokin sen tytäryhtiöistä, jota tästä eteenpäin kutsutaan nimellä TP Vision, joka on tuotteen valmistaja. TP Vision on takuunantaja sille televisiolle, jonka pakkaukseen tämä kirjanen on sisällytetty. Philips ja Philipsin kilpimerkki ovat Koninklijke Philips N.V:n rekisteröityjä tavaramerkkejä.

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 hyväksyttyä käyttöoppaassa.

Kuvapisteidien ominaisuudet

Tässä TV:ssä on suuri määrä värillisiä kuvapisteitä. Vaikka tehollisten kuvapisteidien 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

16.1

HDMI

HDMI

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



16.2

Dolby Audio

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16.3

DTS-HD Premium Sound™

DTS-HD Premium Sound™

DTS-patentit: katso <http://patents.dts.com>. DTS Licensing Limited on antanut luvan valmistukseen. DTS, symboli, DTS ja symboli yhdessä, DTS-HD ja DTS-HD-logo ovat DTS Inc:n rekisteröityjä tavaramerkkejä ja/tai tavaramerkkejä Yhdysvalloissa ja/tai muissa maissa. © DTS, Inc. Kaikki oikeudet pidätetään.



16.4

Wi-Fi Alliance

Wi-Fi

Wi-Fi CERTIFIED™ -logo on Wi-Fi Alliancen® rekisteröity tavaramerkki



16.5

Kensington

Kensington

(jos käytettävissä)

Kensington ja Micro Saver ovat ACCO World Corporationin Yhdysvalloissa rekisteröityjä tavaramerkkejä, ja rekisteröinti on suoritettu tai hakemuksia käsitellään muissa maissa eri puolilla maailmaa.



16.6

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 ennakkoilmoitusta. TP Vision ei ole vastuussa tällaisista tapauksista.

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Contact information

Albania/Shqipërisë
+355 44806061

Andorra
+34 915 909 335

Armenia
0-800-01-004

Austria/Österreich
0150 2842133

Belarus/Беларусь
8 10 800 2000 00 04

Belgium/België/Belgique
02 7007360

Bulgaria/България
0 0800 1154426
+359 2 4916273

Croatia/Hrvatska
0800 222 782

Czech Republic/Česká republika
800 142100

Denmark/Danmark
352 587 61

Estonia/Eesti Vabariik
800 0044 307

Finland/Suomi
09 229 019 08

France
01 57324070

Georgia/საქართველო
800 00 00 80

Germany
0696 640 4383

Greece/Ελλάδα
0 0800 4414 4670

Greece Cyprus
800 92 256

Hungary/Magyarország
068 001 85 44
(06 1) 700 8151

Republic of Ireland/Poblacht na hÉireann
1 601 1161

Northern Ireland/Tuaisceart Éireann
1 601 1161

Italy/Italia
02 4528 7030

Kazakhstan/Қазақстан
8 10 800 2000 0004

Kosovo/Kosovës
+355 44806061

Latvia/Latvija
800 03 448

Lithuania/Lietuva
880 030 049

Luxembourg/Luxemburg
26 84 3000

Montenegro
+ 382 20 240 644

Netherlands/Nederlands
010 4289533

Norway/Norge
22 70 82 50

Poland/Polska
022 203 0327

Portugal
0800 780 902

Romania/România
03 727 66905
031 6300042

Russia/Россия
8 (800) 220 0004

Serbia/Srbija
+ 381 11 40 30 100

Slovakia/Slovensko
0800 0045 51

Slovenia
0800 80 255

Spain/España
915 909 335

Sweden/Sverige
08 6320 016

Switzerland/Schweiz/Suisse
223 102 116

Turkey/Türkiye
0 850 222 44 66

Ukraine/Україна
0 800 500 480

United Kingdom
020 7949 0069

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