

Käyttöopas

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

PHILIPS

Sisällys

1 TV-esittely	3
1.1 Ammattilaistila	3
2 Asennus	4
2.1 Lue turvallisuusohjeet	4
2.2 TV-jalusta ja seinäkiinnitys	4
2.3 Vinkkejä television sijoittamiseen	4
2.4 Virtajohto	4
2.5 Antennijohto	5
3 Kauko-ohjain	6
3.1 Painikkeet	6
3.2 Infrapunatunnistin	6
3.3 Akut	7
3.4 Puhdistaminen	7
4 Käynnistys ja sammutus	8
4.1 Käynnistys tai valmiustila	8
4.2 Television painikkeet	8
5 Tekniset tiedot	9
5.1 Ympäristöystävällisyys	9
5.2 Virta	10
5.3 Käyttöjärjestelmä	10
5.4 Vastaanotto	10
5.5 Näyttötyyppi (6014U)	10
5.6 Näyttötyyppi (5014)	10
5.7 Näytön tarkkuus (6014U)	10
5.8 Näytön tarkkuus (5014)	10
5.9 Liitännät (6014U)	11
5.10 Liitännät (5014)	11
5.11 Mitat ja painot	11
5.12 Ääni	12
6 Laitteiden liittäminen	13
6.1 Laitteiden liittäminen	13
6.2 CA-moduuli ja Smart Card – CI+	15
6.3 Vastaanotin – digisovitin	15
6.4 Kotiteatterijärjestelmä	15
6.5 Älypuhelimet ja tablet-laitteet	16
6.6 Blu-ray-soitin	16
6.7 Kuulokkeet	16
6.8 Pelikonsoli	17
6.9 USB Flash -asema	17
6.10 Tietokone	17
7 Videot, valokuvat ja musiikki	19
7.1 USB-liitännästä	19
7.2 Videoiden toistaminen	19
7.3 Kuvien katselu	19
7.4 Toista musiikkia	20
8 TV-opas	22
8.1 TV-oppaan käyttäminen	22
9 Pelit	23
9.1 Pelaaminen	23
10 Ammattilaistila-valikko	24
10.1 Tietoja Ammattilaistila-valikosta	24
10.2 Avaa Ammattilaistila-valikko	24
10.3 Suositus	24
10.4 TV-kanavat	24
10.5 TV-kanavat	25
10.6 Google Cast	26
10.7 Pelit	26
10.8 Enemmän	26
10.9 Ammattitason asetukset	27
10.10 Google-tili	28
11 Android TV:n aloitusnäyttö	29
11.1 Tietoja Android TV:n aloitusnäytöstä	29
11.2 Android TV:n aloitusnäytön avaaminen	29
11.3 Android TV:n asetukset	29
11.4 Android TV:si yhdistäminen	32
11.5 Kanavat	34
11.6 Kanavien asennus	36
11.7 Internet	37
11.8 Älypuhelimet ja tablet-laitteet	38
11.9 Ohjelmisto	38
12 Avoimen lähdekoodin ohjelmisto	40
12.1 Avoimen lähdekoodin käyttöoikeussopimus	40
13 Ohje ja tuki	128
13.1 Vianmääritys	128
13.2 Ohjeet verkossa	129
13.3 Tuki- ja korjauspalvelu	130
14 Turvallisuus ja hoito	131
14.1 Turvallisuus	131
14.2 Kuvaruudun hoitaminen	132
14.3 Radiation Exposure Statement	132
15 Käyttöehdot	133
15.1 Käyttöehdot – TV	133
16 Tekijänoikeustiedot	134
16.1 MHL	134
16.2 HDMI	134
16.3 Dolby Audio	134
16.4 DTS-HD Premium Sound™	134
16.5 Wi-Fi Alliance	134
16.6 Kensington	134
16.7 Muut tavaramerkit	134
17 Kolmansien osapuolien palveluita ja/tai ohjelmistoja koskeva vastuuvapauslauseke	136
Hakemisto	137

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

TV-jalusta ja seinäkiinnitys

TV-jalusta

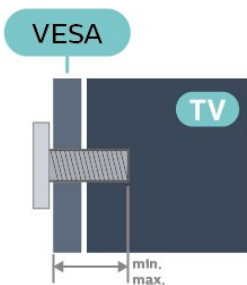
TV-jalustan kiinnitysohjeet löytyvät television mukana tulleesta pika-aloitusoppaasta. Jos hukkaat oppaan, voit ladata sen osoitteesta www.philips.com.

Etsi ladattava pika-aloitusopas TV:n tyyppinumeron avulla.

Seinäkiinnitys

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

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



- 43HFL6014U
VESA MIS-F 200x200, M6 (vähintään: 10 mm ja enintään 15 mm)
- 50HFL6014U
VESA MIS-F 200x200, M6 (vähintään: 10 mm ja enintään 15 mm)
- 55HFL6014U
VESA MIS-F 300x200, M6 (vähintään: 11 mm ja enintään 14 mm)
- 65HFL6014U
VESA MIS-F 400x200, M6 (vähintään: 11 mm ja enintään 14 mm)

- 32HFL5014
VESA MIS-F 100, M6 (vähintään: 12 mm ja enintään 15 mm)

- 43HFL5014
VESA MIS-F 200x200, M6 (vähintään: 12 mm ja enintään 15 mm)
- 50HFL5014
VESA MIS-F 200x200, M6 (vähintään: 10 mm ja enintään 16 mm)

Valmistelu

Irrota ensin neljä muovista ruuvisuojusta TV:n takana olevista kierreholkeista (5014 43 tuumaa ja 6014U). Varmista, että metalliruuvit, joilla TV kiinnitetään VESA-yhteensopivaan kiinnikkeeseen, menevät kierreholkkeihin noin 10 mm:n syvyyteen.

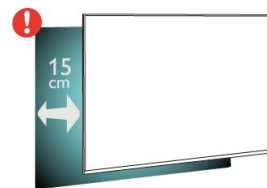
Varoitus

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 katseluetäisyys on kolme kertaa TV-ruudun lävistäjä (tuumamitta). Silmien pitäisi olla istuttaessa samalla tasolla kuvaruudun keskikohdan kanssa.
- Sijoita seinäasennuksessa TV enintään 15 cm päähän seinästä.

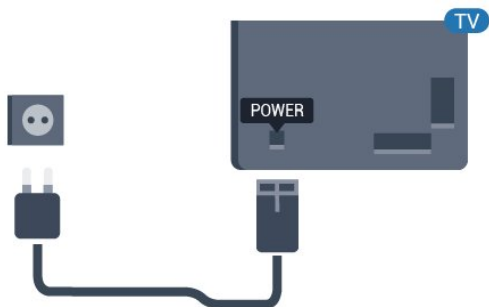


Huomautus:

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

Virtajohto

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

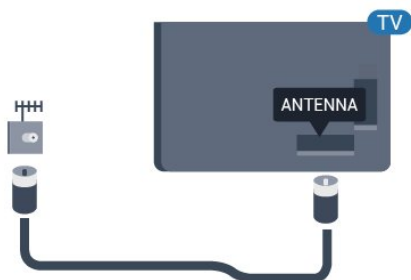


Antennijohto

Liitä antennipistoke kunnolla television takaosassa olevaan antenniliitäntään.

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

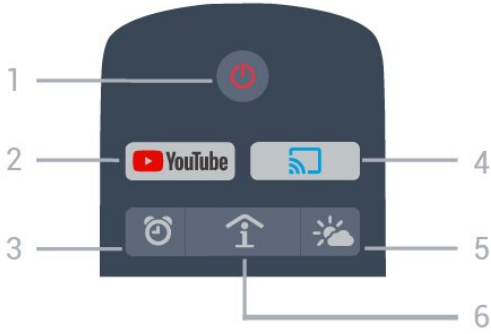
Käytä tätä antenniliitäntää DVB-T- ja DVB-C -tulosaaleille.



Kauko-ohjain

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 peilaaminen televisioon.

5 - Sää (vain ammattilaistilassa)
Sijainnin säätietojen näyttäminen.

6 - SMART INFO (vain ammattilaistilassa)
Hotellin tarjoamien tietojen näyttäminen.

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.

Keskiosa



1 - SETTINGS

2 - TV GUIDE

3 - ←

4 - OPTIONS

5 - OK

6 - CHANNELS

7 - HOME

8 - EXIT

9 - Mykistä

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.

Akut

Jos televisio ei vastaa kauko-ohjaimen painikkeen painallukseen, paristot voivat olla tyhjä.

Kun haluat vaihtaa paristot, avaa kauko-ohjaimen sivussa oleva paristolokero.

1 - Liu'uta paristolokeron kantta nuolen osoittamaan suuntaan.

2 - Vaihda vanhojen paristojen tilalle kaksi uutta 1.5V:n AAA-R03 -paristoa. Varmista, että paristojen plus- ja miinusnavat ovat oikeilla puolilla.

3 - Aseta paristolokeron kansi paikalleen ja liu'uta sitä taaksepäin, kunnes se napsahtaa.

- Poista paristot kauko-ohjaimesta, jos se on käyttämättä pitkään.
- Hävitä vanhat paristot niiden hävittämistä koskevien säädösten mukaisesti.

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


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. Voit myös painaa  HOME -painiketta. Voit avata TV:n myös laitteen takaosassa 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 takaosassa 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.

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 olevaa sauvaohjainpainiketta.

2 - Valitse  Äänenvoimakkuus,  Kanava tai  Lähteet painamalla vasenta tai oikeaa nuolipainiketta. Aloita esittelyn katselu valitsemalla  Demo.

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. Aloita esittelyn katselu painamalla sauvaohjainpainiketta.

4 - Valikko sulkeutuu automaattisesti.

Siirry valmiustilaan valitsemalla  ja painamalla sauvaohjainpainiketta.



Tekniset tiedot

5.1

Ympäristöystävällisyys

Euroopan unionin energiamerkintä

EU:n energiamerkintä ilmoittaa tuotteen energiatehokkuusluokan. Mitä vihreämpi tuotteen tehokkuusluokka on, sitä vähemmän energiaa tuote kuluttaa.

Merkinnästä löytyvät tiedot energiatehokkuusluokasta, tuotteen keskimääräisestä virrankulutuksesta käytössä ja keskimääräisestä energiankulutuksesta 1 vuodessa. Tuotteen energiankulutustiedot löytyvät myös Philipsin oman maasi verkkosivuilta osoitteesta www.philips.com/TV.

Tuoteseloste

43HFL6014U

- Energiatehokkuusluokka A
- Katsottavissa oleva näyttökoko 108 cm / 43 tuumaa
- Virrankulutus käynnissä (W): 67 W
- Vuosittainen virrankulutus (kWh) *: 98 kWh
- Virrankulutus valmiustilassa (W) **: 0,3 W
- Näytön tarkkuus (pikseliä): 3840 x 2160p

50HFL6014U

- Energiatehokkuusluokka 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

55HFL6014U

- Energiatehokkuusluokka A+
- Katsottavissa oleva näyttökoko 139 cm / 55 tuumaa
- Virrankulutus käynnissä (W): 84 W
- Vuosittainen virrankulutus (kWh) *: 123 kWh
- Virrankulutus valmiustilassa (W) **: 0,3 W
- Näytön tarkkuus (pikseliä): 3840 x 2160p

65HFL6014U

- Energiatehokkuusluokka A+
- Katsottavissa oleva näyttökoko 164 cm / 65 tuumaa
- Virrankulutus käynnissä (W): 105 W
- Vuosittainen virrankulutus (kWh) *: 154 kWh
- Virrankulutus valmiustilassa (W) **: 0,3 W
- Näytön tarkkuus (pikseliä): 3840 x 2160p

32HFL5014

- Energiatehokkuusluokka A+
- Katsottavissa oleva näyttökoko 80 cm / 32 tuumaa
- Virrankulutus käynnissä (W): 29 W
- Vuosittainen virrankulutus (kWh) *: 43 kWh

- Virrankulutus valmiustilassa (W) **: 0,35 W
- Näytön tarkkuus (pikseliä): 1920 x 1080

43HFL5014

- Energiatehokkuusluokka A+
- Katsottavissa oleva näyttökoko 108 cm / 43 tuumaa
- Virrankulutus käynnissä (W): 48 W
- Vuosittainen virrankulutus (kWh) *: 71 kWh
- Virrankulutus valmiustilassa (W) **: 0,3 W
- Näytön tarkkuus (pikseliä): 1920 x 1080

50HFL5014

- Energiatehokkuusluokka A++
- Katsottavissa oleva näyttökoko 126 cm / 50 tuumaa
- Virrankulutus käynnissä (W): 49 W
- Vuosittainen virrankulutus (kWh) *: 72 kWh
- Virrankulutus valmiustilassa (W) **: 0,3 W
- Näytön tarkkuus (pikseliä): 1920 x 1080

* 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.

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 Nougat 7

5.4

Vastaanotto

- Antenniliitäntä: 75 ohmin koaksiaali (IEC75)
- Virittimen aaltoalueet: Hyperband, S-Channel, 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 (6014U)

Ruudun lävistäjä (tuumamitta)

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

Näytön tarkkuus

- 3840 x 2160

5.6

Näyttötyyppi (5014)

Ruudun lävistäjä (tuumamitta)

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

Näytön tarkkuus

- 1920 x 1080

5.7

Näytön tarkkuus (6014U)

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

Näytön tarkkuus (5014)

Videoformaatit

Tarkkuus – virkistystaajuus

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

Tietokoneformaatit

Tarkkuudet (esimerkkejä)

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

Liitännät (6014U)

Television sivu

- CI-moduulipaikka: CI+/CAM
- USB 1 – USB 2.0
- USB 2 – USB 3.0
- Kuulokkeet: stereominiliitäntä 3,5 mm
- HDMI 1 -tulo – ARC – MHL – Ultra HD
- HDMI 2 -tulo – ARC – Ultra HD

Television alaosa

- Äänitulo VGA
- Lähiverkko: RJ45
- HDMI 3 -tulo – ARC
- Antenni (75 ohmia)
- USB 3 – USB 2.0
- Äänilähtö: optinen Toslink
- VGA

TV:n takana

- 12 V DC-lähtö
- 8 Ω Äänilähtö
- DATA (RJ-48)

Liitännät (5014)

Television sivu

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

TV:n takana

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

Mitat ja painot

43HFL6014U

- ilman television jalustaa:
leveys 971,3 mm – korkeus 563,53 mm – syvyys 77,3 mm – paino \pm 8,92 kg
- television jalustan kanssa:
leveys 971,3 mm – korkeus 628,61 mm – syvyys 205 mm – paino \pm 11,37 kg

50HFL6014U

- ilman television jalustaa:
leveys 1128,4 mm – korkeus 653 mm – syvyys 78,2 mm – paino \pm 13,11 kg
- television jalustan kanssa:
leveys 1128,4 mm – korkeus 715,43 mm – syvyys 225 mm – paino \pm 15,93 kg

55HFL6014U

- ilman television jalustaa:
leveys 1244,2 mm – korkeus 719 mm – syvyys 78,4 mm – paino \pm 18,44 kg
- television jalustan kanssa:
leveys 1244,2 mm – korkeus 783,9 mm – syvyys 225,2 mm – paino \pm 21,29 kg

65HFL6014U

- ilman television jalustaa:
leveys 1462,3 mm – korkeus 844,7 mm – syvyys 87,5 mm – paino \pm 24,45 kg
- television jalustan kanssa:
leveys 1462,3 mm – korkeus 905,75 mm – syvyys 279,1 mm – paino \pm 25,2 kg

32HFL5014

- ilman television jalustaa:
leveys 731,8 mm – korkeus 435,31 mm – syvyys 77,3 mm – paino \pm 4,61 kg
- television jalustan kanssa:

leveys 731,8 mm – korkeus 494,14 mm – syvyys 179,31 mm – paino ±4,68 kg

43HFL5014

· ilman television jalustaa:

leveys 969,6 mm – korkeus 565,6 mm – syvyys 80,5 mm – paino ±7,19 kg

· television jalustan kanssa:

leveys 969,6 mm – korkeus 624,2 mm – syvyys 194 mm – paino ±7,27 kg

50HFL5014

· ilman television jalustaa:

leveys 1127,6 mm – korkeus 655,3 mm – syvyys 85,9 mm – paino ±11,25 kg

· television jalustan kanssa:

leveys 1127,6 mm – korkeus 714,8 mm – syvyys 218,9 mm – paino ±11,61 kg

5.12

Ääni

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

Laitteiden liittäminen

Laitteiden liittäminen

Liitännäopas

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

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




Antenniportti




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



HDMI-portit

Laitteiden ohjaaminen


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

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

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

Kun laite on valittu, sitä voi ohjata television kaukosäätimellä. Painikkeet  (Koti) 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

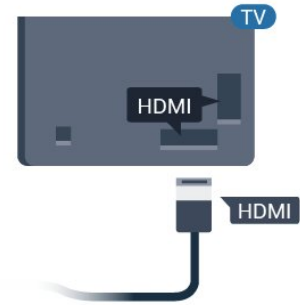
tarvitsemasi painike ja paina OK-painiketta. Jotkin laitepainikkeet saattavat puuttua Säätimet-valikosta.

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

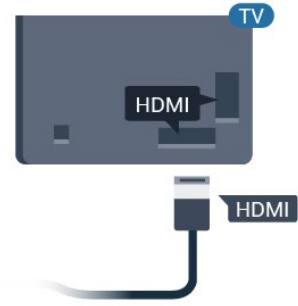
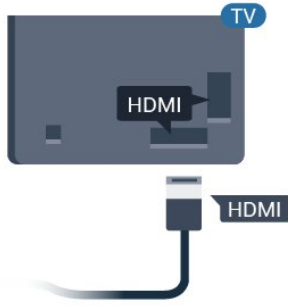
HDMI-kaapelit tukevat HDCP:tä (High-bandwidth Digital Contents Protection). HDCP on kopiointisuojaussignaali, joka estää käyttäjiä kopioimasta DVD- ja Blu-ray-levyjen sisältöä. Siihen viitataan myös lyhenteellä DRM (Digital Rights Management).

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 MHL

HDMI MHL -liitännän avulla voit lähettää Android-älypuhelimien tai -tablet-laitteen näytön TV-ruutuun.

Tämän television HDMI 1-liitäntä tarjoaa MHL 2,0 (Mobile High-Definition Link) -yhteyden.

Tämä langallinen yhteys takaa erinomaisen vakauden ja kaistanleveyden, lyhyen viiveajan ja hyvän äänentoiston ilman langattoman yhteyden häiriöitä. Lisäksi MHL-liitäntä lataa älypuhelimia tai tablet-laitetta. Jos televisio on valmiustilassa, mobiililaitetta ei ladata, vaikka se olisi liitetty televisioon.

Ota selvää, mikä passiivinen MHL-kaapeli sopii mobiililaitteellesi. Erityisen tärkeää on selvittää, millainen liitin tarvitaan älypuhelimien tai tablet-laitteen liittämiseen television HDMI-liitäntään.

MHL, Mobile High-Definition Link ja MHL-logo ovat MHL, LLC:n tavaramerkkejä tai rekisteröityjä tavaramerkkejä.



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) > (alas) > Asetukset ja paina OK-painiketta.

Valitse Lähteet > EasyLink ja paina OK-painiketta.

Valitse EasyLink ja paina OK-painiketta.

Valitse Pois ja paina OK-painiketta.

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

Ammattilaistila KÄYTÖSSÄ – Lisätietoja on asennusoppaassa.

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 Päälle 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 -moduulivalmuis.

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

Kun tilaat digitaalitelevisio-operaattoreilta maksullisia ohjelmia, saat CI+-moduulin (CA-moduulin) ja sen mukana Smart Card -kortin. Ohjelmat on kopiosuojattu tehokkaasti.

Saat lisätietoja 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.

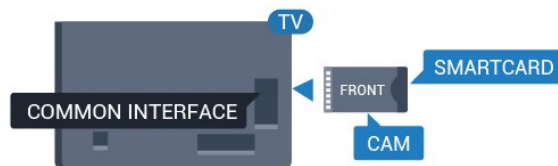
CA-moduulin asettaminen televisioon

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.



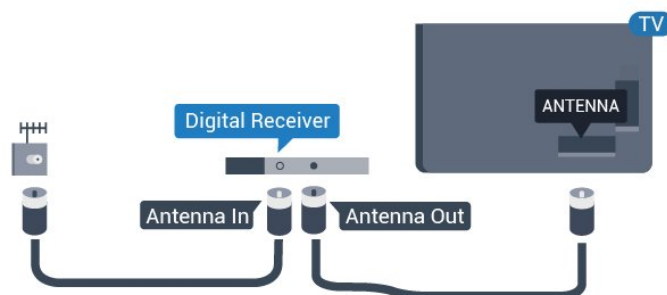
Kun kytket televisioon virran, CA-moduulin aktivoitumiseen saattaa kulua muutama minuutti. Kun CA-moduuli on asetettu televisioon ja tilausmaksu on maksettu (tilausmenettelyt voivat vaihdella), voit katsella CA-moduulin Smart Cardin tukemia salattuja kanavia.

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

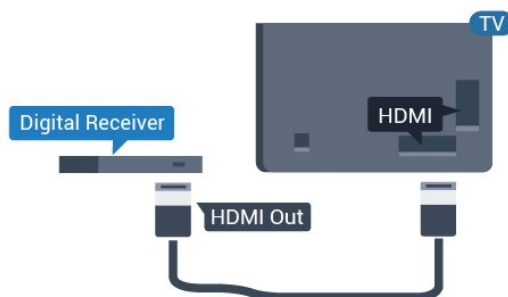
6.3

Vastaanotin – digisovitin

Liitä antenni digisovittimeen (digitaalivastaanottimeen) ja televisioon kahdella antennikaapelilla.



Liitä digisovitin televisioon HDMI-kaapelilla antenniliitäntöjen viereen.



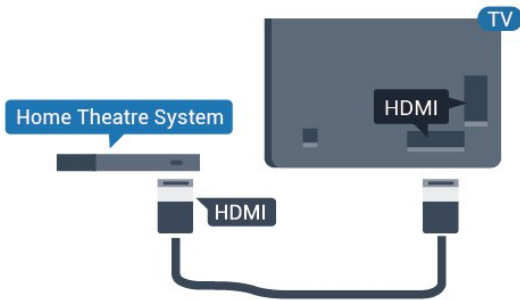
Kotiteatterijärjestelmä

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-liitäntöistä. 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.



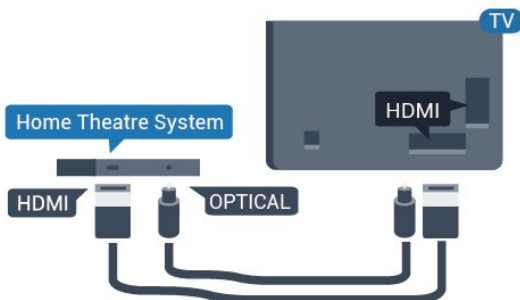
Äänen ja videokuvan synkronointi

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

HDMI-liitäntä

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

Jos kotiteatterijärjestelmässä ei ole HDMI-liitäntää, käytä optista äänikaapelia (Toslink), jotta televisio-ohjelman ääni siirtyy kotiteatterijärjestelmään.



Äänen ja videokuvan synkronointi

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

Älypuhelimet ja tablet-laitteet

Voit yhdistää älypuhelimien tai tablet-laitteen televisioon langallisella tai langattomalla yhteydellä.

Langaton

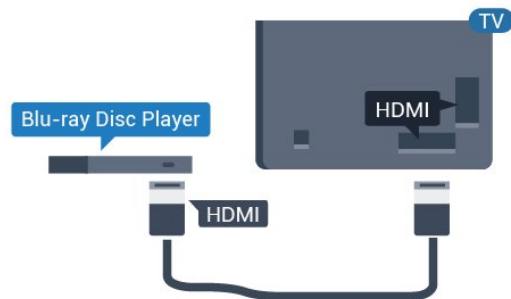
Jos haluat käyttää langatonta yhteyttä, lataa älypuhelimien tai tablet-laitteeseen Philips TV Remote App -sovellus asianmukaisesta sovelluskaupasta.

Langallinen

Jos haluat käyttää langallista yhteyttä, käytä television takaosassa olevaa HDMI 1 MHL -liitäntää.

Blu-ray-soitin

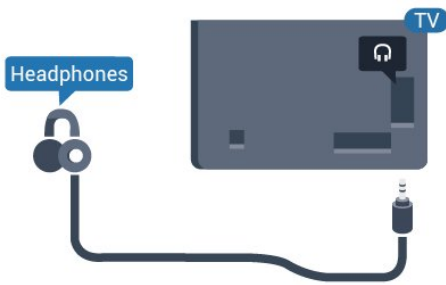
Liitä Blu-ray-soitin televisioon High speed HDMI-kaapelilla.



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

Kuulokkeet

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

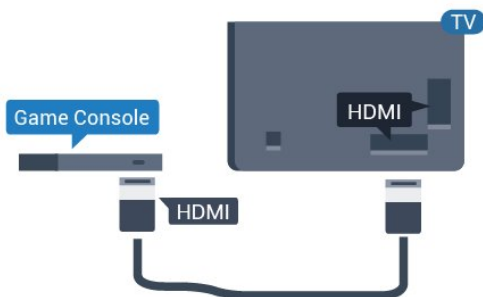


6.8

Pelikonsoli

HDMI

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



6.9

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 > SOURCES . Valitse USB ja paina OK-painiketta.

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

6.10

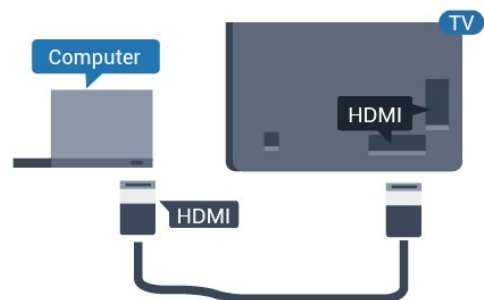
Tietokone

Liitä

Voit liittää tietokoneen televisioon ja käyttää television ruutua tietokonenäyttönä.

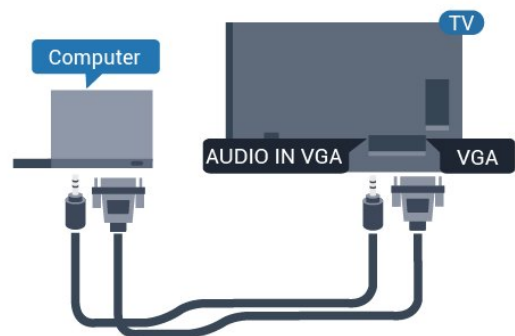
HDMI-liitäntä

Liitä tietokone televisioon HDMI-kaapelilla.



VGA-liitäntä (6014U)

Liitä tietokone television liitäntään VGA-kaapelilla ja kytke audiokaapeli (3,5 mm:n miniliitin) AUDIO IN VGA -liitäntään.



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 KÄYTTÖSSÄ – Valitse  Koti >  Enemmän >  Asetukset >  Kuva. Paina OK-painiketta.

Valitse Kuvatyyli > Tietokone ja paina OK-painiketta.

Valitse Päälle tai Pois ja paina OK-painiketta.

Sulje valikko painamalla ←-painiketta tarvittaessa useita kertoja.

(Lisätietoja ammattilaistilasta on asennusoppaassa.)

Videot, valokuvat ja musiikki

USB-liitännästä

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

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

Jos tiedostoluettelo ei tule näkyviin automaattisesti, toimi seuraavasti.

- 1 - 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.

Videoiden toistaminen

Videoiden toistaminen

Videokansion avaaminen

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

Palaa kansioon painamalla -painiketta.

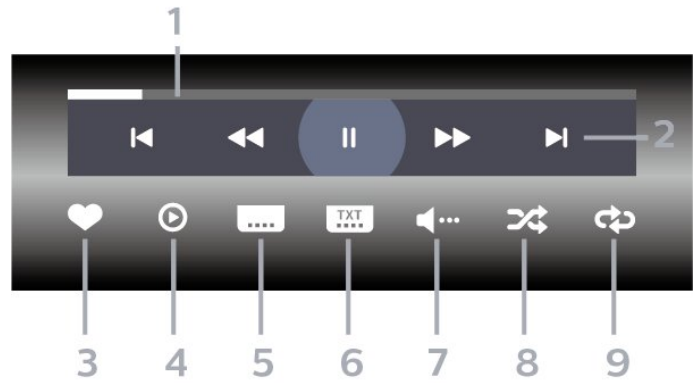
Videon toistaminen

- 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 - Tilanneilmaisin
- 2 - Toiston hallintapalkki
 - : Siirry kansion edelliseen videoon
 - : Siirry kansion seuraavaan videoon
 - : Siirry taaksepäin
 - : Siirry nopeasti eteenpäin
 - : Keskeytä toisto
- 3 - Merkitse suosikiksi
- 4 - Toista kaikki videot
- 5 - Tekstitys: tekstityksen käynnistäminen, sen poistaminen käytöstä ja sen käynnistäminen, kun ääni on mykistetty.
- 6 - Tekstityskieli: Valitse tekstityskieli (ei käytettävissä ammattilaistilassa).
- 7 - Äänen kieli: valitse äänen kieli
- 8 - Satunnaistoisto: toistaa tiedostot satunnaisessa järjestyksessä
- 9 - Uusinta: toistaa kaikki kansion videot kerran tai jatkuvasti

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

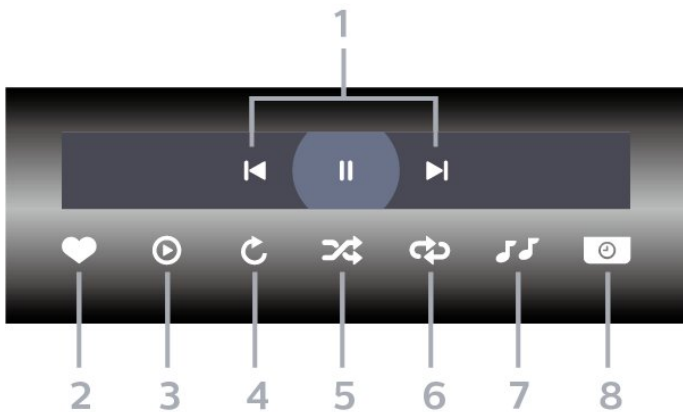
Valokuvakansion avaaminen

- 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

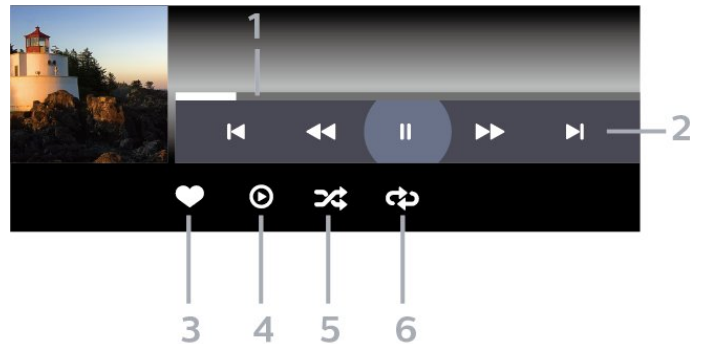
Musiikkikansion avaaminen

- 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 - Tilanneilmaisin

2 - Toiston hallintapalkki

- : Siirry kansion edelliseen musiikkitiedostoon
- : Siirry kansion seuraavaan musiikkitiedostoon
- ◀◀: Siirry taaksepäin
- ▶▶: Siirry nopeasti eteenpäin
- ||: Keskeytä toisto

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

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

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 > valitse  Sovellukset > Google Play Pelit.

Kirjaudu sisään Google-tilillesi ja aloita peli.

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

Ammattilaistila EI KÄYTÖSSÄ – Valitse  Koti. Valitse  Pelit.

Kirjaudu sisään Google-tilillesi ja aloita peli.

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

Ammattilaistila- valikko

Tietoja Ammattilaistila- valikosta

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

Ammattilaistila-valikko on järjestetty seuraavasti:

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

Ammattilaistila-valikon oikea yläreuna on järjestetty seuraavasti:

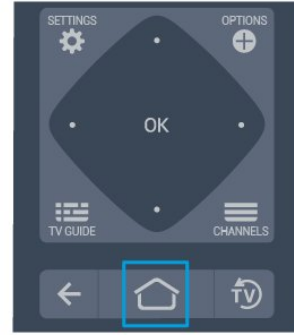
- Tilin hallinta
- Viestit ✉️ (valinnainen toiminto hotellin omien asetusten mukaisesti)
- Lasku 📄 (valinnainen toiminto hotellin omien asetusten mukaisesti)
- Aseta herätys ⌚
- Sää 🌤️
- Valikoiden kieli 🗣️
- Nykyinen aika

Avaa Ammattilaistila-valikko

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

Ammattilaistila KÄYTÖSSÄ – avaa Ammattilaistila-valikko ja valitse toiminto.

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



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

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 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.





10.5

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  --painikkeilla.

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 sovellusnäkyvän 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 YouTuben, 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 – Avaa Ammattilaistila-valikko.

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 enimmäksin 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 kuvatyyylejä. Elokuvien, valokuvien jne. katseluun on suunniteltu eri tyyylejä.

• **Ääni** :

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



• **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.

5 - Valitse Oma asetus  ja paina OK-painiketta.


• Lasku  : Hotellivieraat voivat seurata laskuaan majoituksen aikana. (vain ammattilaistilassa)

• Viestit  :


Vieraat saavat ilmoituksen, kun hotelli on lähettänyt uusia viestejä televisioon. (vain ammattilaistilassa)

• Viestinäyttö  :

Muuta viesti-ilmoitusten näyttämistä. (vain ammattilaistilassa)

• Tilin hallinta  :

Kun kirjaudut Google-tilille älypuhelimella tai kannettavalla tietokoneella, varmista, että älypuhelin tai kannettava tietokone on liitetty samaan verkkoon television kanssa. Anna sitten televisiossa näkyvä koodi, jotta voit kirjautua sisään. Vieras voi kirjautua sisään myös Google-tilin sähköpostiosoitteella ja salasanalla.

• Tyhjennä historia  :




Tyhjennä omat tunnistetiedot kaikista sovelluksista (tiedot tyhjennetään automaattisesti lähtiessäsi) (vain ammattilaistilassa).

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.

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

Sammutuksen ajastimen ansiosta TV sammuu automaattisesti virran säästämiseksi.

* Jos 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 kuvatyyliaasetuksen.

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

Väri, kontrasti, terävyys, kirkkaus

Säädä kuvan väriä

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

Säädä kuvan värikontrastia

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

Voit vähentää virrankulutusta pienentämällä kontrastia.

Säädä kuvan terävyyttä

Valitse Koti > Asetukset > Kuva > Terävyys. Säädä kuvan terävyyttä nuolipainikkeilla tai .

Kirkkauden säätäminen

Valitse Koti > Asetukset > Kuva > Kirkkaus. Määritä kuvasignaalin kirkkaus nuolipainikkeilla (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 ääri viivoja 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 kuvaformaatit voivat olla käytettävissä kuvaruudussa näkyvän kuvan mukaan. . .

- Laajakuva
- Koko näyttö
- Kuva, venytys
- Skaalaamaton

Ääni

Äänityyli

Tyylin valitseminen

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

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

Äänentoiston hallinta

Valitse laite.

Valitse  Koti >  Asetukset > Ääni > Äänentoiston hallinta.

Määritä äänentoistolaitteet.

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

TV:n sijoittelu



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

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



Edistynyt

Eco-asetukset

Uniajastin

Valitse  Koti >  Asetukset > Eco-asetukset > Uniajastin.

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

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



Sammutuksen ajastimen ansiosta TV sammuu automaattisesti virran säästämiseksi.

* Jos 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  >  Asetukset > Käytettävyys > Erityisryhmille.

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

Ota erityisryhmäasetukset käyttöön



Valitse  >  Asetukset > Käytettävyys > Erityisryhmille > Käytössä.

Erityisryhmäasetukset – kuulorajoitteiset


Valitse  >  Asetukset > Käytettävyys > Erityisryhmille > Kuulemisvaikeus > Käytössä.



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

Erityisryhmäasetukset – näkörajoitteiset

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

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

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

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

Sisältöluokitus



Luokitustaso

Valitse  >  Asetukset > Sisältöluokitus.

Voit estää lapsia katsomasta heille sopimatonta ohjelmaa määrittämällä ikäluokituksen. Digitaalisten kanavien ohjelmissa saattaa olla ikäluokitus. Jos jonkin ohjelman ikäluokitus on sama tai korkeampi kuin lapsellesi asettamasi ikäluokitus, ohjelma

lukitaan. Jos haluat katsella lukittua ohjelmaa, sinun täytyy ensin antaa koodi.

Ikäluokituksen asettaminen

Valitse  >  Asetukset > Sisältöluokitus > Luokitustaso.

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

Aseta koodi tai vaihda koodi

Valitse  Koti >  Asetukset > Sisältöluokitus.

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

Aseta uusi koodi tai vaihda nykyinen koodi.

Valitse  Koti >  Asetukset > Sisältöluokitus > Muuta koodi.

Huomautus:

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

11.4

Android TV:si yhdistäminen

Verkko ja internet

Kotiverkko

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

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

Yhdistä verkkoon

Langaton yhteys

Vaatimukset

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

Käytä nopeaa (laajakaista) yhteyttä.



Yhteyden muodostaminen

Yhteyden muodostaminen – LANGATON

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

- 1 - Valitse löydettyjen verkkojen luettelosta oma langaton verkkosi. Jos verkkoasi ei näy luettelossa, koska verkon nimi on piilotettu (olet poistanut reitittimen SSID-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 reititinhjelmistoon. 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.

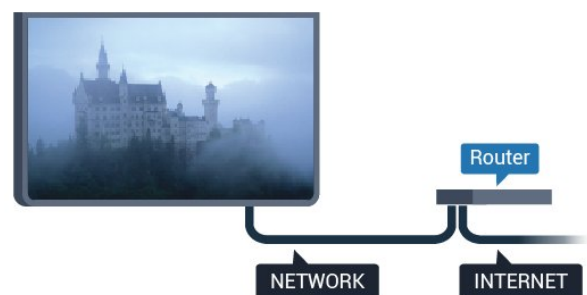
DHCP

- 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.

Verkkomääritykset – DHCP / vakio-IP

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

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

Verkkomääritykset – kiinteä IP-määritys

Valitse  Koti >  Asetukset >  Langaton ja verkko > Asetukset > Kiinteä IP-määritys.

1 - Valitse Kiinteä IP-määritys 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-lähetyksen 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 näyttönäppäimistöllä sähköpostiosoite ja salasana ja kirjaudu sisään painamalla **OK**-painiketta.

Android-asetukset

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

Asetuksien avaaminen

Valitse  Koti >  Asetukset > Asetukset > Android-asetukset.

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 **TV**-painiketta.
2. Avaa nykyinen kanavaluettelo valitsemalla **≡**.
3. Sulje kanavaluettelo valitsemalla **≡**.

Kanavien katseleminen

Kanavan virittäminen

Voit aloittaa TV-kanavien katselun painamalla **TV**-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 kanavaluetteloon, ja niiden yhteydessä näkyy  -merkintä. Signaalittomat kanavat

poistetaan. Televisio voi päivittää kanavat automaattisesti vain valmiustilassa. Voit poistaa automaattisen kanavapäivityksen käytöstä.





Automaattisen päivityksen poistaminen käytöstä

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

Kanavapäivitysviesti

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

Viestin poistaminen käytöstä




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

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

Digitaalinen: Manuaalinen asennus

Digitaaliset TV-kanavat voidaan virittää yksitellen.

Digitaalisten kanavien asentaminen



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

Haku-painiketta uudelleen. Jos haluat tallentaa kanavan, valitse **Valmis** ja paina OK-painiketta.

Analoginen: Manuaalinen asennus

Analogiset televisiokanavat voidaan virittää yksitellen manuaalisesti.


Analogisten kanavien asentaminen

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

• Järjestelmä

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

• Kanavahaku

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

• Muistiin

Voit tallentaa kanavan nykyisellä kanavanumerolla tai uudella kanavanumerolla. Valitse **Tallenna nykyinen kanava** tai **Tallenna uutena kanavana** ja paina OK-painiketta. Uuden kanavan numero näkyy ruudussa lyhyen aikaa.

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

11.7

Internet



Internet-käytön aloittaminen

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

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

Selaimen käynnistäminen


- 1 - Paina  HOME -painiketta.
- 2 - Vieritä alas ja valitse  **Sovellukset** > 

- Internet ja paina OK-painiketta.
- 3 - Kirjoita Internet-osoite, valitse ✓ ja paina OK-painiketta.
- 4 - Sulje selain valitsemalla  HOME tai .

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

MHL

Tämä televisio on MHL™-yhteensopiva.

Jos myös mobiililaitteesi on MHL-yhteensopiva, voit yhdistää mobiililaitteesi MHL-kaapelilla televisioon. Kun MHL-kaapeli on yhdistetty, voit jakaa mobiililaitteen sisältöä televisioruutuun. Mobiililaitteesi akkua ladataan samanaikaisesti. MHL-yhteys sopii erityisen hyvin pitkään jatkuvaan elokuvien katseluun tai mobiilipelien pelaamiseen.

Ladataan

Kun MHL-kaapeli on yhdistetty, laitteesi akkua ladataan, kun televisioon on kytketty virta (eikä se ole valmiustilassa).

MHL-kaapeli

Tarvitset passiivisen MHL-kaapelin (HDMI – Micro USB), jos haluat yhdistää mobiililaitteesi televisioon. Voit ehkä tarvita sovittimen mobiililaitteen yhdistämistä varten. Yhdistä MHL-kaapeli televisioon HDMI 1 MHL -liitännällä.



MHL, Mobile High-Definition Link ja MHL-logo ovat MHL, LLC:n tavaramerkkejä tai rekisteröityjä tavaramerkkejä.




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

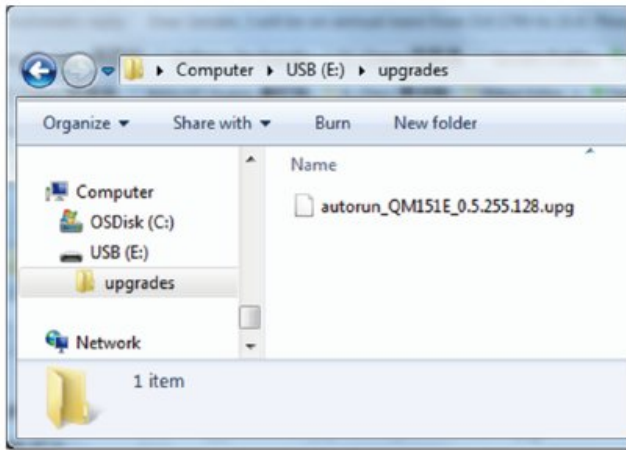
Näet TV:n nykyisen laiteohjelmistoversion valitsemalla asetusvalikossa **Päivitä ohjelmisto** > **Nykyinen laiteohjelmisto**.

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

12.1

Avoimen lähdekoodin käyttöoikeussopimus

Tietoja avoimen lähdekoodin käyttöoikeuksista

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

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.

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Open Source

Android (7.1.1)

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

linux kernel (3.10.79)

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

libcurl (7.50.1)

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

libfreetypeex (2.4.2)

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

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

Freetype License

libjpegex (8a)

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

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

libpngex (1.4.1)

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

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

dvbsnoop (1.2)

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

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

gSoap (2.7.15)

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

restlet (2.3.0)

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

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

FaceBook SDK (3.0.1)

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

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

ffmpeg (2.1.3)

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

gson (2.3)

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

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

libUpNp (1.2.1)

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

live555 (0.82)

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

dnsmasq

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

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

TomCrypt (1.1)

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

u-boot (2011-12)

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

AsyncHttpClient (1.4.9)

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

httpClient-4.4.1.1 (4.4.1.1)

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

Jackson Parser (2.x)

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

audio a2dp (2.x)

Bluetooth stack. The original download site for this software is

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

libexif (0.6.21)

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

libexpat (2.1.0)

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

libFFTEm ()

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

libicui18n (49.1.1)

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

libiprouteutil (3.4.0)

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

libjpeg (3.4.0)

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

libmtp (1.0.1)

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

libmdnssd (320.10.80)

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

libnfc_ndef ()

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

libskia ()

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

libsonivox ()

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libsqlite (3.9.2)

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

libttspeco ()

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

libtinyalsa ()

tinyalsa: a small library to interface with ALSA in the

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

wpa_supplicant (0.8)

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

libz (1.2.8)

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

iptables (1.4.20)

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

toolbox (1.2.8)

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

libssl (7b8b9c17db93ea5287575b437c77fb36eeb81b31)

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

libOpenMAXAL (7b8b9c17db93ea5287575b437c77fb36eeb81b31)

OpenMAX AL is an application-level multimedia

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

libOpenSLES (1.0)

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

libEGL libGLESv1_CM (3.1)

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

libffmpeg_av (2.1)

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

libcurlmheg (7.21.6)

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

boringsssl (af0e32cb84f0c9cc65b9233a3414d2562642b342)

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libpng (1.6.22beta)

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

Hue SDK (1.8.1)

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

Opera Web Browser (SDK 4.8.0)

This TV contains Opera Browser Software.

Third-party licenses

WebKit

name License

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

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or Bitstream Inc., respectively. For further information,
contact:

fonts at gnome dot org.

Copyright FAQ

=====

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

Bitstream is giving away these fonts, but wishes to ensure its

competitors can't just drop the fonts as is into a font sale system

and sell them as is. It seems fair that if Bitstream can't make money

from the Bitstream Vera fonts, their

competitors should not be able to

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

however.

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

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

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

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

See 1. above.

3. Are derivative works allowed?

Yes!

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

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

5. Under what terms are derivative works allowed?

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

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

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

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

substitutions could still could have occurred during font

opening). You must include the Bitstream copyright. Additional

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

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

adopted in future versions?

Yes. The contract between the Gnome Foundation and Bitstream has

provisions for working with Bitstream to ensure quality additions to

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

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

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

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

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

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

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

guide and aid for people interested in contributing to Vera.

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

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

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

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

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

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

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

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

selection and substitution; it has provisions for overriding font

names and substituting alternatives. An example is provided by the

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

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

core server) has other mechanisms for font substitution.

Open Sans fonts

URL:

<http://www.google.com/fonts/specimen/Open+Sans>

License for Open Sans Font Family

Apache License

Version 2.0,
January 2004

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URL: <http://dicey.org/vlgothic/index.html>

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URL: <http://www.msweet.org/projects.php?Z3>

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

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c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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

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libcurl

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libcurl - lib/krb5.c

URL:

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

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

*

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libcurl - lib/security.c

URL:

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

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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

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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

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Almost Native Graphics Layer Engine

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Brotli

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Google Cache Invalidation API

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

libjingle

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

libjpeg

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

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```
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Glenn Randers-Pehrson

glennrp at users.sourceforge.net

November 12, 2015

libsrtip

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

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URL: <http://libusb.org>

libvpx

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WebP image encoder/decoder

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

LZ4 Library

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modp base64 decoder

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

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

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

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mt19937ar

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

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

Coded by Takuji Nishimura and Makoto Matsumoto.

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

or `init_by_array(init_key, key_length)`.

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

Version: MPL 1.1/GPL 2.0/LGPL 2.1

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URL:

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OTS (OpenType Sanitizer)

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

PLY (Python Lex-Yacc)

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

PLY (Python Lex-Yacc)
Version 3.4

Protocol Buffers

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

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Quick Color Management System

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

qcms

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re2 - an efficient, principled regular expression
library

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

sfntly

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

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SMHasher

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

Snappy: A fast compressor/decompressor

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

sqlite

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

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tcmalloc

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

The USB ID Repository

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

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usrstcp

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

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Web Animations JS

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

WebRTC

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

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x86inc

URL:

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

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```

```

; This is a header file for the x264ASM assembly
language, which uses
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; It also has various other useful features to simplify
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Send patches or ideas
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```

```

zlib
URL: http://zlib.net/

```

```

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

```

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Jean-loup Gailly

Mark Adler

```
*/
```

```
url_parse
```

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

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V8 JavaScript Engine

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

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- Layout tests, located in `test/mjsunit/third_party/object-keys`. These are based on layout tests from `webkit.org` which are copyrighted by Apple Computer, Inc. and released under a 3-clause BSD license.
- 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.

- Valgrind client API header, located at `third_party/valgrind/valgrind.h`

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fdlibm

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Ohje ja tuki

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

Televisio ei reagoi kauko-ohjaimen

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

Jos TV ei edelleenkään reagoi kauko-ohjaimen, voit tarkistaa kauko-ohjaimen toimivuuden matkapuhelimen kameralla. Aseta puhelin kameratilaan ja suuntaa kauko-ohjain kameran objektiivin. Jos painat kauko-ohjaimen painikkeita ja huomaat, että infrapunavalon välkyttyä 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-aloitusnäytön näyttämisen jälkeen televisio siirtyy takaisin valmiustilaan

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

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- 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 kysytyihin 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 mallinnumero 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 virtajohton 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 virtajohton 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.

Lasten vammautumisen vaara

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

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

Paristot ovat nieltyinä vaarallisia!

Kauko-ohjaimessa saattaa olla nappiparistot, jotka ovat nieltyinä vaarallisia. Pidä aina paristot poissa pikkulasten ulottuvilta.

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 pakkauksestaan ja odota, kunnes laitteen lämpötila on sama kuin huoneen lämpötila, ennen kuin liität television verkkovirtaan.

-5250-5350MHz: < 23 dBm (EIRP)
-5470-5725MHz: < 27 dBm (EIRP)
-5725-5825MHz: < 13.98 dBm (EIRP)

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 vesipisarot 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

Radiation Exposure Statement

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

-2400-2483.5MHz: < 20 dBm (EIRP)
-5150-5250MHz: < 23 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 kelvollisuudesta ja soveltuvuudesta on pyydettävä vahvistus. TP Vision takaa, että itse materiaali ei riko mitään yhdysvaltalaisista patentteista. 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 kotelo. Huolto- ja korjausasioissa ota aina yhteys Philipsin asiakaspalveluun. Puhelinnumero on television mukana toimitetussa oppaassa. Se löytyy myös sivustostamme osoitteesta www.philips.com/support (valitse tarvittaessa oma maasi). Takuu raukeaa, jos käyttäjä suorittaa minkä tahansa tässä käyttöoppaassa kielletyn toiminnon tai tekee sellaisia säätöjä tai asennuksia, joiden suorittamista ei suositella tai hyväksytä käyttöoppaassa.

Kuvapisteiden ominaisuudet

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

CE-vaatimustenmukaisuus

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

EMF-standardin vaatimustenmukaisuus

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

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

Tekijänoikeustiedot

16.1

MHL

MHL

MHL, Mobile High-Definition Link ja MHL-logo ovat MHL, LLC:n tavaramerkkejä tai rekisteröityjä tavaramerkkejä.



16.2

HDMI

HDMI

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



16.3

Dolby Audio

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DTS-HD Premium Sound™

DTS-HD Premium Sound™

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16.5

Wi-Fi Alliance

Wi-Fi

Wi-Fi®, Wi-Fi CERTIFIED -logo ja Wi-Fi-logo ovat Wi-Fi Alliancen rekisteröityjä tavaramerkkejä.



16.6

Kensington

Kensington

(jos käytävissä)

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



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.

Hakemisto

A

Aloitusvalikko 24
Android-asetukset 34
Avoimen lähdekoodin ohjelmisto 40

Ä

Äänen kieli 36
Äänen kieli, Ensisijainen 36
Äänen kieli, Toissijainen 36
Äänityylit 31

B

Blu-ray-soitin, liittäminen 16

C

CA-moduuli (Conditional Access Module). 15
CI+ 15
CI-moduulipaikka 15

E

Eco-asetukset 31
Erityisryhmille 32
Euroopan ympäristömerkki 9

H

HDMI MHL 14
Heikkonäköinen 32

I

Internetmuisti, tyhjennys 34

K

Kanava 35
Kanava, Antenniasennus 36
Kanava, asennus 36
Kanava, asentaminen uudelleen 36
Kanava, asetukset 35
Kanava, vaihtaminen 35
Kanavaluettelo 35
Kanavaluettelo, avaaminen 35
Kanavaluettelo, tietoja 35
Kanavan asetukset 35
Katseluetäisyys 4
Käytön lopettaminen 9
Käyttöehdot 133
Kiinteä verkko 33
Kontrasti, dynaaminen kontrasti 30
Kontrasti, kontrastitila 30
Korjaaminen 130
Kuluttajapalvelu 130
Kuulorajoitteinen 32
Kuva, kuvamuoto 30
Kuvaruudun hoitaminen 132
Kuvatyyli 29

L

Langaton verkko 32
Lapsilukko 32
Liitäntäopas 13

M

Media 19
Mediatiedostot, USB-asehasta 19
MPEG artifact -vähentyminen 30

O

Ohjelmisto, päivitys 38
Ongelmat, Ääni 129
Ongelmat, HDMI-liitäntä 129
Ongelmat, Kanavat 128
Ongelmat, kauko-ohjain 128
Ongelmat, Kuva 128
Ongelmat, USB-liitäntä 129
Ongelmat, Yhteys, Internet 129
Ongelmat, Yhteys, Wi-Fi 129
Ota yhteyttä Philipsiin 130

P

Pelikonsoli, liittäminen 17

R

Radiokanavat 35

S

Sisältöluokituslukitus 32
Smart Card, CA-moduuli 15

T

Tekstitys 35
Tekstityskieli 35
Tekstityskieli, Ensisijainen 35
Tekstityskieli, Toissijainen 35
Television tai paristojen hävittäminen 9
Terävyys, MPEG artifact -vähentyminen 30
Tietokone, liittäminen 17
Tuki, verkossa 130
Tuoteseloste 9
Turvallisuusohjeet 131
TV:n katseleminen 35
TV:n sijoittelu 4
TV:n verkkonimi 34

V

Valmiustila 8
Valokuvat, videot ja musiikki 19
Väri, värikirjo 30
Verkko, asetukset 34
Verkko, kiinteä 33
Verkko, WPS ja PIN-koodi 33
Verkko, yhdistäminen 32
Verkkoasennus 32
Verkkotuki 130
Vianmääritys 128
Virran kytkeminen 8
Virrankulutuksen tarkistaminen 31
Virtajohto 5

W

Wi-Fi 32



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