

# Användarhandbok

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

**PHILIPS**

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# TV-pres.

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## Professionellt läge

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### Vad du kan göra

I Professionellt läge PÅ kan du få åtkomst till ett stort antal expertinställningar som möjliggör avancerad kontroll av TV:ns status eller lägga till ytterligare funktioner.

Det här läget är avsett för installationer av TV-apparater på platser som hotell, kryssningsfartyg, arenor eller andra verksamhetsområden där sådan kontroll krävs.

Om du använder TV:n hemma rekommenderar vi att du använder den i Professionellt läge AV.

Mer information finns i installationshandboken för professionell användning.

# Installation

## 2.1

### Läs säkerhetsinstruktionerna

Läs säkerhetsinstruktionerna innan du använder TV:n.

## 2.2

### TV-stativ eller väggmontering

#### TV-stativ

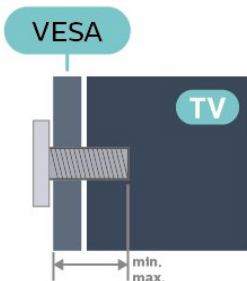
Instruktioner för montering av TV-stativet finns i snabbstartguiden som medföljde TV:n. Om du har tappat bort guiden kan du ladda ned den på [www.philips.com](http://www.philips.com).

Använd TV:ns produkttypnummer för att hitta rätt **Snabbstartsguide** att hämta.

#### Väggmontering

TV:n är också förberedd för ett VESA-kompatibelt väggmonteringsfäste (medföljer inte).

Använd följande VESA kod när du köper väggfästet. . .



- 43HFL6014U  
VESA MIS-F 200x200, M6 (min.: 10 mm, max.:15 mm)
- 50HFL6014U  
VESA MIS-F 200x200, M6 (min.: 10 mm, max.:15 mm)
- 55HFL6014U  
VESA MIS-F 300x200, M6 (min.: 11 mm, max.:14 mm)
- 65HFL6014U  
VESA MIS-F 400x200, M6 (min.: 11 mm, max.:14 mm)

- 32HFL5014  
VESA MIS-F 100, M6 (min.: 12 mm, max.:15 mm)
- 43HFL5014

VESA MIS-F 200 x 200, M6 (min.: 12 mm, max.:15 mm)

• 50HFL5014

VESA MIS-F 200 x 200, M6 (min.: 10 mm, max.:16 mm)

#### Förberedelser

Ta först bort de fyra skruvlocken i plast från de gängade bussningarna på TV:ns baksida (För 5014 43 och 6014U)

Se till att metallskruvarna, som ska användas för att montera TV:n till det VESA-kompatibla fästet, går in cirka 10 mm i de gängade bussningarna på TV:n.

#### Varning!

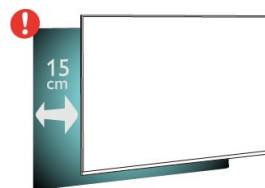
Väggmontering av TV-apparaten kräver särskild kompetens och bör endast utföras av kvalificerad personal. Väggmonteringen ska uppfylla alla säkerhetskrav som gäller för TV-apparatens vikt. Läs även igenom säkerhetsföreskrifterna innan du monterar TV:n.

TP Vision Europe B.V. påtar sig inget ansvar för felaktig montering eller montering som resulterar i olyckor eller skador.

## 2.3

### Tips om placering

- Placera TV:n så att inget ljus faller direkt på skärmen.
- Det perfekta avståndet för att titta på TV är tre gånger TV:ns diagonala skärmstorlek. När du sitter ned ska ögonen vara i nivå med skärmens mitt.
- När du monterar TV:n på väggen ska du montera den 15 cm från väggen.

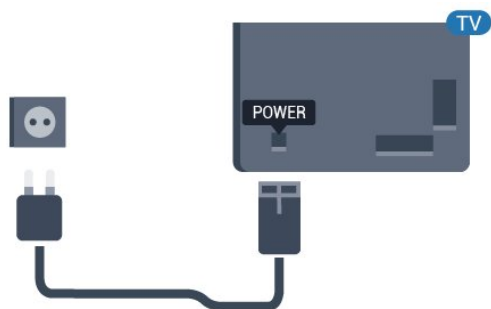


#### Obs!

Placera inte TV:n i närheten av dammframkallande källor som kakelugnar. Vi föreslår att du dammar regelbundet så att du inte får damm i TV:n.

## Nätkabel

- Sätt i strömkabeln i strömanslutningen på TV:ns baksida.
- Se till att nätkabeln är ordentligt isatt i kontakten.
- Kontrollera att stickkontakten till vägguttaget alltid är tillgängligt.
- När du drar ur nätkabeln ska du alltid hålla i kontakten, aldrig i sladden.

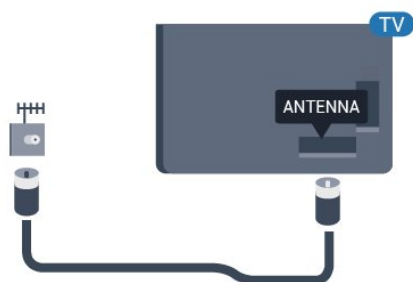


## Antennkabel

Sätt i antennkontakten ordentligt i antennuttaget på baksidan av TV:n.

Du kan ansluta din egen antenn eller en antennisignal från ett antenndistributionssystem. Använd en IEC Coax 75 Ohm RF-antennkontakt.

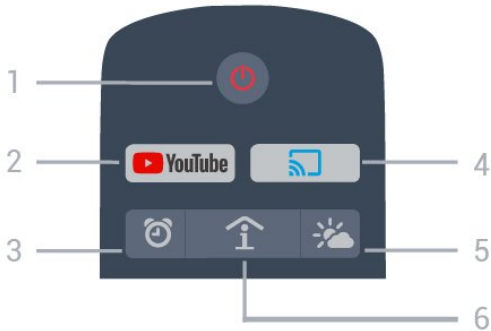
Använd den här antennanslutningen för insignalerna DVB-T och DVB-C.



# Fjärrkontroll

## Knappöversikt

### Toppmatad



1 – Standby/På

Slå på TV:n eller sätt den i standbyläge.

2 – Youtube

Öppna Youtube.

3 – Alarm (endast i Professionellt läge PÅ)

Ställa in alarm.

4 – Google Cast (endast i Professionellt läge PÅ)

Spegla innehållet på din mobila enhetskärm på TV:n.

5 – Väder (endast i Professionellt läge PÅ)

Visa väderinformation för din plats.

6 – SMART INFO (endast i Professionellt läge PÅ)

Visa information som tillhandahålls av hotellet.

### Mitten



1 – SETTINGS

För att öppna snabbinställningsmenyn.

2 – TV GUIDE

Öppna en lista med aktuella och planerade TV-program på dina kanaler.

3 – BACK

• Gå tillbaka till föregående kanal.

• Återgå till föregående meny.

4 – OPTIONS

Öppna eller stänga alternativmenyn.

5 – OK-knapp

Bekräfta ett val eller inställning.

6 – Pilknappar/navigeringsknappar

Navigera uppåt , nedåt , vänster eller höger .

7 – Kanal

För att gå till nästa eller föregående kanal i kanallistan.

8 – EXIT

Gå tillbaka till att titta på TV.

9 – Hem

Öppna Hem-menyn.

### Undersida



1 – Volym

Justera volymen.

2 – Färgknappar

Direkt val av alternativ.

3 – CLOCK

Visa klockan.

4 – Kanal

För att gå till nästa eller föregående kanal i kanallistan.

5 – Ljud av

Stänga av eller slå på ljudet igen.

## IR-sensor

TV:n kan ta emot signaler från fjärrkontroller som använder IR (infrarött). Om du använder en sådan fjärrkontroll ska du se till att rikta fjärrkontrollen mot den infraröda sensorn på TV:ns framsida.

### ▲ Varning

Placera inte några föremål framför IR-sensorn på TV:n, eftersom IR-signalen kan blockeras.

## Batterier

Om TV:n inte reagerar på en knapptryckning på fjärrkontrollen kan batterierna vara slut.

Byt ut batterierna genom att öppna batterifacket på sidan med knappsatsen på fjärrkontrollen.

- 1 - Skjut batteriluckan i pilens riktning.
- 2 - Byt ut de gamla batterierna med 2 AAA-R03-1,5 V-batterier. Se till att du sätter i ändarna + och - åt rätt håll.
- 3 - Sätt tillbaka batteriluckan och skjut den bakåt tills den klickar.
  - Ta ur batterierna om du inte ska använda fjärrkontrollen på länge.
  - Kassera dina gamla batterier säkert enligt kasseringsanvisningarna.

## Rengöring

Fjärrkontrollen har en reptålig ytbehandling.

Rengör fjärrkontrollen med en mjuk, fuktig trasa. Använd aldrig ämnen som alkohol, kemikalier eller hushållsrengöringsmedel till att rengöra fjärrkontrollen.



# Slå på och av

## 4.1


### På eller standby

Se till att TV:n är ansluten till elnätet. Anslut den medföljande nätsladden till nätkontakten AC IN-uttaget på baksidan av TV:n. Indikatorlampan längst ned på TV:n tänds.

#### Slå på

Tryck på  på fjärrkontrollen för att slå på TV:n. Alternativt trycker du på  **Hem**. Du kan också trycka på den lilla styrspaksknappen på TV:ns baksida om du vill slå på TV:n och om du inte hittar fjärrkontrollen eller batterierna har tagit slut.

#### Växla till standbyläge

Växla TV:n till standbyläge genom att trycka på  på fjärrkontrollen. Du kan också trycka på den lilla styrspaksknappen på TV:ns baksida.



TV:n är fortfarande ansluten till nätströmmen i standbyläge, men förbrukar väldigt lite energi.

För att stänga av TV:n helt drar du ur strömsladden. Se till att du alltid drar i kontakten och aldrig i kabeln när du kopplar bort strömmen. Se också till att stickkontakten, nätkabeln och vägguttaget alltid är fullt tillgängliga.





## 4.2

### Knappar på TV:n

Om du har tappat bort fjärrkontrollen eller om batterierna har tagit slut kan du ändå göra vissa grundläggande TV-kommandon.


Öppna den grundläggande menyn ...

1 - Med TV:n påslagen trycker du på styrspaksknappen på TV:ns baksida för att ta upp den grundläggande menyn.

2 - Tryck på vänster eller höger för att välja  **Volym**,  **Kanal** eller  **Källor**. Välj  **Demo** om du vill starta en demofilm.

3 - Tryck upp eller ned för att justera volymen eller ställa in nästa eller föregående kanal. Tryck upp eller ned för att gå genom listan över källor, inklusive val av mottagare. Tryck på styrspaksknappen när du vill starta en demofilm.

4 - Menyn försvinner automatiskt.

Om du vill försätta TV:n till standbyläge väljer du  och trycker på styrspaksknappen.





# Specifikationer

## 5.1

### Miljö

#### Europeisk energimärkning

EU-energimärkningen informerar om produktens klassificering avseende energieffektivitet. Ju grönare energiklassning, desto mindre energi förbrukar produkten.

På etiketten finns information om energieffektivitetsklass, genomsnittlig strömförbrukning för produkten under användning och genomsnittlig energiförbrukning under ett år. Du kan också se värdena för produktens strömförbrukning på Philips webbplats för landet på [www.philips.com/TV](http://www.philips.com/TV)

#### Produktfiche

##### 43HFL6014U

- Energieffektivitetsklass: A
- Synlig skärmstorlek: 108 cm / 43 tum
- Energiförbrukning i läge På (W): 67 W
- Årlig energiförbrukning (kWh) \*: 98 kWh
- Energiförbrukning i standbyläge (W) \*\*: 0,3 W
- Skärmupplösning (pixlar): 3840 x 2160p

##### 50HFL6014U

- Energieffektivitetsklass: A+
- Synlig skärmstorlek: 126 cm/50 tum
- Energiförbrukning i läge På (W): 70 W
- Årlig energiförbrukning (kWh) \*: 103 kWh
- Energiförbrukning i standbyläge (W) \*\*: 0,3 W
- Skärmupplösning (pixlar): 3840 x 2160p

##### 55HFL6014U

- Energieffektivitetsklass: A+
- Synlig skärmstorlek: 139 cm/55 tum
- Energiförbrukning i läge På (W): 84 W
- Årlig energiförbrukning (kWh) \*: 123 kWh
- Energiförbrukning i standbyläge (W) \*\*: 0,3 W
- Skärmupplösning (pixlar): 3840 x 2160p

##### 65HFL6014U

- Energieffektivitetsklass: A+
- Synlig skärmstorlek: 164 cm/65 tum
- Energiförbrukning i läge På (W): 105 W
- Årlig energiförbrukning (kWh) \*: 154 kWh
- Energiförbrukning i standbyläge (W) \*\*: 0,3 W
- Skärmupplösning (pixlar): 3840 x 2160p

##### 32HFL5014

- Energieffektivitetsklass: A+
- Synlig skärmstorlek: 80 cm/32 tum
- Energiförbrukning i läge På (W): 29 W

- Årlig energiförbrukning (kWh) \*: 43 kWh
- Energiförbrukning i standbyläge (W) \*\*: 0,35 W
- Skärmupplösning (pixlar): 1920 x 1080

##### 43HFL5014

- Energieffektivitetsklass: A+
- Synlig skärmstorlek: 108 cm / 43 tum
- Energiförbrukning i läge På (W): 48 W
- Årlig energiförbrukning (kWh) \*: 71 kWh
- Energiförbrukning i standbyläge (W) \*\*: 0,3 W
- Skärmupplösning (pixlar): 1920 x 1080

##### 50HFL5014

- Energieffektivitetsklass: A++
- Synlig skärmstorlek: 126 cm/50 tum
- Energiförbrukning i läge På (W): 49 W
- Årlig energiförbrukning (kWh) \*: 72 kWh
- Energiförbrukning i standbyläge (W) \*\*: 0,3 W
- Skärmupplösning (pixlar): 1920 x 1080

\* Energiförbrukning kWh per år, baserat på energiförbrukningen när TV:n är på 4 timmar per dag i 365 dagar. Den faktiska energiförbrukningen beror på hur TV:n används.

\*\* När TV:n är avstängd med fjärrkontrollen och ingen funktion är aktiv.

#### Kassering

##### Kassering av dina gamla produkter och batterier

Produkten är utvecklad och tillverkad av material och komponenter av hög kvalitet som kan återvinnas och återanvändas.



När den här symbolen med en överkryssad papperskorg visas på produkten innebär det att produkten omfattas av det europeiska direktivet 2012/19/EU.



Ta reda på var du kan hitta närmaste återvinningsstation för elektriska och elektroniska produkter.

Följ de lokala reglerna och släng inte dina gamla produkter i det vanliga hushållsavfallet. Genom att kassera dina gamla produkter på rätt sätt kan du bidra till att minska eventuella negativa effekter på miljö och hälsa.

Produkten innehåller batterier som följer EU-direktivet 2006/66/EG och den kan inte kasseras med normalt hushållsavfall.



Ta reda på vilka lokala regler som gäller för separat insamling av batterier eftersom korrekt kassering bidrar till att förhindra negativ påverkan på miljö och hälsa.

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5.2

## Effekt

Produktspecifikationerna kan ändras utan föregående meddelande. Fler specifikationer för produkten finns på [www.philips.com/support](http://www.philips.com/support)

### Effekt

- Nätström: AC 220–240 V +/-10 %
- Omgivande temperatur: 5–35°C
- Energisparfunktioner: Miljöläge, bildavstängning (för radio), timer för automatisk avstängning, meny Miljöinställningar.

Mer information om energiförbrukning finns i kapitlet **Produktfiche**.

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5.3

## Operativsystem

Android OS:

Android Nougat 7

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5.4

## Mottagning

- Antenningång: 75 ohm koaxial (IEC75)
- Mottagningsband: Hyperband, S-Channel, UHF, VHF
- DVB: DVB-T2, DVB-C (kabel) QAM
- Analog videouppspelning: SECAM, PAL
- Digital videouppspelning: MPEG2 SD/HD (ISO/IEC 13818-2), MPEG4 SD/HD (ISO/IEC 14496-10), HEVC\*
- Digital ljuduppspelning (ISO/IEC 13818-3)
- Ingångsfrekvensområde: 950 till 2150 MHz
- Ingångsnivåområde: 25 till 65 dBm

\* Endast för DVB-T2

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5.5

## Visningstyp (6014U)

### Diagonal skärmstorlek

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

### Skärmupplösning

- 3840 x 2160

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5.6

## Visningstyp (5014)

### Diagonal skärmstorlek

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

### Skärmupplösning

- 1920 x 1080

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5.7

## Ingångsupplösning för skärm

### Videoformat

Upplösning – uppdateringsfrekvens

- 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

### Datorformat

Upplösningar (bland annat)

- 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

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5.8

## Ingångsupplösning för skärm (5014)

### Videoformat

Upplösning – uppdateringsfrekvens

- 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

#### Datorformat

#### Upplösningar (bland annat)

- 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

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## 5.9

# Anslutning (6014U)

#### Sidan av TV:n

- Common Interface-fack: CI+/CAM
- USB 1 – USB 2.0
- USB 2 – USB 3.0
- Hörlurar – stereominiuttag 3,5 mm
- HDMI 1-ingång – ARC – MHL – Ultra HD
- HDMI 2-ingång – ARC – Ultra HD

#### TV (undersida)

- Ljud in VGA
- Nätverk – RJ45
- HDMI 3-ingång – ARC
- Antenn (75 ohm)
- USB 3 – USB 2.0
- Ljudutgång – optisk Toslink
- VGA

#### TV-baksida

- 12 V DC ut
- 8  $\Omega$  ljudutgång
- DATA(RJ-48)

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## 5.10

# Anslutning (5014)

#### Sidan av TV:n

- Common Interface-fack: CI+/CAM
- USB 1 – USB 3.0
- Hörlurar – stereominiuttag 3,5 mm
- HDMI 1-ingång – ARC-MHL

#### TV-baksida

- Nätverk – RJ45
- HDMI 2-ingång – ARC
- Antenn (75 ohm)
- USB 2 – USB 2.0
- Ljudutgång – optisk Toslink
- 12 V DC ut
- 8  $\Omega$  ljudutgång
- DATA(RJ-48)

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## 5.11

# Mått och vikt

#### 43HFL6014U

- utan TV-stativ:  
Bredd 971,3 mm – Höjd 563,53 mm – Djup 77,3 mm  
– Vikt  $\pm 8,92$  kg
- med TV-stativ:  
Bredd 971,3 mm – Höjd 628,61 mm – Djup 205 mm –  
Vikt  $\pm 11,37$  kg

#### 50HFL6014U

- utan TV-stativ:  
Bredd 1128,4 mm – Höjd 653 mm – Djup 78,2 mm –  
Vikt  $\pm 13,11$  kg
- med TV-stativ:  
Bredd 1128,4 mm – Höjd 715,43 mm – Djup 225 mm  
– Vikt  $\pm 15,93$  kg

#### 55HFL6014U

- utan TV-stativ:  
Bredd 1244,2 mm – Höjd 719 mm – Djup 78,4 mm –  
Vikt  $\pm 18,44$  kg
- med TV-stativ:  
Bredd 1244,2 mm – Höjd 783,9 mm – Djup 225,2  
mm – Vikt  $\pm 21,29$  kg

#### 65HFL6014U

- utan TV-stativ:  
Bredd 1462,3 mm – Höjd 844,7 mm – Djup 87,5 mm  
– Vikt  $\pm 24,45$  kg
- med TV-stativ:  
Bredd 1462,3 mm – Höjd 905,75 mm – Djup 279,1  
mm – Vikt  $\pm 25,2$  kg

#### 32HFL5014

- utan TV-stativ:  
Bredd 731,8 mm – Höjd 435,31 mm – Djup 77,3 mm –  
Vikt  $\pm 4,61$  kg
- med TV-stativ:  
Bredd 731,8 mm – Höjd 494,14 mm – Djup 179,31 mm  
– Vikt  $\pm 4,68$  kg

#### 43HFL5014

- utan TV-stativ:  
Bredd 969,6 mm – Höjd 565,6 mm – Djup 80,5 mm  
– Vikt  $\pm 7,19$  kg
- med TV-stativ:  
Bredd 969,6 mm – Höjd 624,2 mm – Djup 194 mm –  
Vikt  $\pm 7,27$  kg

#### 50HFL5014

- utan TV-stativ:  
Bredd 1127,6 mm – Höjd 655,3 mm – Djup 85,9 mm  
– Vikt  $\pm 11,25$  kg
- med TV-stativ:  
Bredd 1127,6 mm – Höjd 714,8 mm – Djup 218,9 mm  
– Vikt  $\pm 11,61$  kg

## Ljud

- Uteffekt (RMS): 20 W (32HFL5014/12 : 16W)
- Dolby-ljud
- DTS HD

# Ansluta enheter

## Ansluta enheter

### Anslutningsguide

Anslut alltid en enhet till TV:n med den anslutning som ger bäst kvalitet. Använd även bra kablar för bra överföring av bild och ljud.

När du ansluter en enhet känner TV:n igen typen och ger varje enhet ett korrekt typnamn. Du kan ändra typnamnet om du vill. Om ett korrekt typnamn för en enhet anges växlar TV:n automatiskt till de idealiska TV-inställningarna när du växlar till den här enheten i källmenyn.




### Antenn-port




Om du har en digitaldeko­der eller en inspelare ansluter du antennkablarna så att antens­signalen körs genom digitaldeko­dern och/eller inspelaren innan den går till TV:n. Om du gör det kan antennen och digitaldeko­dern sända ytterligare kanaler som kan spelas in av inspelaren.



### HDMI-portar

#### Styra enheter

Om du vill styra en enhet som är ansluten via HDMI och konfigurerad med EasyLink väljer du enheten eller dess aktivitet i listan med TV-anslutningar.

Professionellt läge AV – Tryck på  Hem, välj  Appar, välj  SOURCES . Välj en enhet som är ansluten via HDMI och tryck på OK.

Professionellt läge PÅ – Tryck på  Hem, välj  TV-kanaler, välj  Källor. Välj en enhet som är ansluten via HDMI och tryck på OK.

När enheten har valts kan du styra enheten med TV-fjärrkontrollen. Dock vidarekopplas inte  Hem- och  OPTIONS-knapparna och vissa andra TV-knappar till enheten.

Om den knapp du behöver inte finns på TV-fjärrkontrollen kan du välja knappen i menyn Alternativ.

Tryck på  OPTIONS och välj  Kontroller i menyfältet. På skärmen väljer du den enhetsknapp

du behöver och trycker på OK.

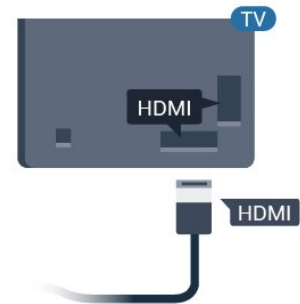
Vissa mycket specifika enhetsknappar kanske inte är tillgängliga på menyn Kontroller.

Obs! Endast enheter som stöder funktionen EasyLink-fjärrkontroll kommer att reagera på TV-fjärrkontrollen.

### HDMI-kvalitet

Bild- och ljudkvaliteten blir bäst med en HDMI-anslutning. En HDMI-kabel hanterar både bild- och ljudsignaler. Använd en HDMI-kabel för TV-signal.

För att signalöverföringen ska bli så bra som möjligt bör du välja en HDMI-kabel med hög hastighet som inte är längre än 5 meter.



### Kopieringsskydd

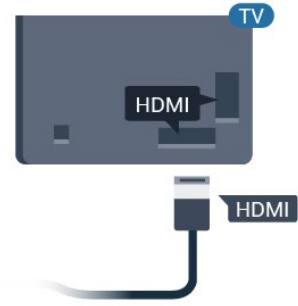
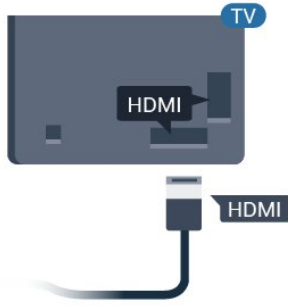
HDMI-kablar stöder HDCP (High-bandwidth Digital Content Protection). HDCP är ett kopieringsskydd som förhindrar att innehåll kopieras från en DVD-skiva eller Blu-ray Disc. Det kallas också för DRM (Digital Rights Management).

### HDMI ARC

Alla HDMI-anslutningar på TV:n har HDMI ARC (Audio Return Channel).

Om enheten (vanligtvis ett hemmabiosystem) också har HDMI ARC-anslutning ansluter du den till någon av HDMI-anslutningarna på TV:n. Med HDMI ARC-anslutningen behöver du inte ansluta en extra ljudkabel som överför TV-ljudet till hemmabiosystemet. HDMI ARC-anslutningen kombinerar båda signalerna.

Du kan använda valfri HDMI-anslutning på TV:n till att ansluta HTS, men ARC är bara tillgängligt för en enhet/anslutning åt gången.



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## HDMI MHL

Med HDMI MHL kan du skicka det du ser på din Android-smarttelefon eller -surfplatta till en TV-skärm.

HDMI 1-anslutningen på den här TV:n har MHL 2.0 (Mobile High-Definition Link).

Den här trådbundna anslutningen ger bra stabilitet och bandbredd, låg latens, ingen trådlös störning och ljudåtergivning i bra kvalitet. Dessutom laddar MHL-anslutningen batteriet på din smarttelefon eller surfplatta. Även om din mobila enhet är ansluten kommer den inte att laddas när TV:n är i standbyläge.

Ta reda på vilken passiv MHL-kabel som passar din mobila enhet. Alltså den typ av kontakt du behöver för att ansluta till din smarttelefon eller surfplatta med HDMI-kontakten till TV:n i ena änden.

MHL, Mobile High-Definition Link och MHL-logotypen är varumärken eller registrerade varumärken som tillhör MHL, LLC.



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## HDMI CEC – EasyLink

Bild- och ljudkvaliteten blir bäst med en HDMI-anslutning. En HDMI-kabel hanterar både bild- och ljudsignaler. Använd en HDMI-kabel för HD-TV-signal. För att signalöverföringen ska bli så bra som möjligt bör du välja en HDMI-kabel med hög hastighet som inte är längre än 5 meter.

Anslut HDMI CEC-kompatibla enheter till din TV. Du kan styra dem med TV:ns fjärrkontroll.

EasyLink HDMI CEC måste vara påslaget på TV:n och den anslutna enheten.

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## Obs!

- EasyLink kanske inte fungerar med enheter från andra tillverkare.
- HDMI CEC-funktionen har olika namn hos olika märken. Några exempel är: Anynet, Aquos Link, Bravia Theatre Sync, Kuro Link, Simplink och Viera Link. Alla märken är inte fullständigt kompatibla med EasyLink. HDMI CEC-varumärkena i exemplet tillhör sina respektive ägare.

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## EasyLink på/av

Du kan slå på eller av EasyLink. När TV:n levereras har den EasyLink-inställningarna påslagna.

Stänga av EasyLink helt ...

Professionellt läge AV – Tryck på Hem. Tryck på (ned), välj **Inställningar** och tryck på **OK**.

Välj **Källor** > **EasyLink** och tryck på **OK**.

Välj **EasyLink** och tryck på **OK**.

Välj **Från** och tryck på **OK**.

Tryck på **BACK** (flera gånger om nödvändigt) för att stänga menyn.

Professionellt läge PÅ – Se installationshandboken.

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## EasyLink-fjärrstyrning

Om du vill att enheter ska kommunicera med varandra men inte vill styra dem med TV-fjärrkontrollen, kan du stänga av EasyLink-fjärrkontrollen separat.

Så här gör du för att sätta på eller stänga av EasyLink-fjärrkontrollen ...

Professionellt läge AV – Tryck på Hem. Tryck på (ned), välj **Inställningar** och tryck på **OK**.

Välj **Källor** > **EasyLink** och tryck på **OK**.

Välj **EasyLink-fjärrkontroll** och tryck på **OK**.

Välj **På** eller **Av** och tryck på **OK**.

Tryck på ← BACK (flera gånger om nödvändigt) för att stänga menyn.

Professionellt läge PÅ – Se installationshandboken.

6.2

## CI+ CAM med Smart Card – CI+

### CI+

Den här TV:n är förberedd för CI+ Conditional Access.

Med CI+ kan du titta på förstklassiga HD-program, som filmer och sportsändningar, som tillhandahålls av digital-TV-operatörer i din region. Programmen är kodade av TV-operatören och avkodas med en förbetald CI+-modul.

Digital-TV-operatörerna tillhandahåller en CI+-modul (Conditional Access Module - CAM) och ett tillhörande Smart Card när du abonnerar på deras premiumprogram. Dessa program har ett högt kopieringsskydd.

Kontakta digital-TV-operatören för mer information om regler och villkor.



### Smart Card

Digital-TV-operatörerna tillhandahåller en CI+-modul (Conditional Access Module - CAM) och ett tillhörande Smart Card när du abonnerar på deras premiumprogram.

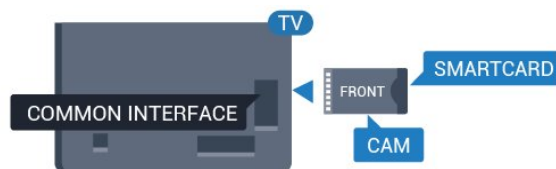
Sätt in ditt Smart Card i CA-modulen. Se instruktionerna du fick av operatören.

Sätta in CA-modulen i TV:n ...

1 - Se CA-modulen för anvisningar om korrekt isättning. Felaktig isättning kan skada CA-modulen och TV:n.

2 - Titta på TV:ns baksida med framsidan av CA-modulen vänd mot dig och sätt försiktigt in CA-modulen i facket COMMON INTERFACE.

3 - Sätt in CA-modulen så långt det går. Låt den sitta kvar i facket.



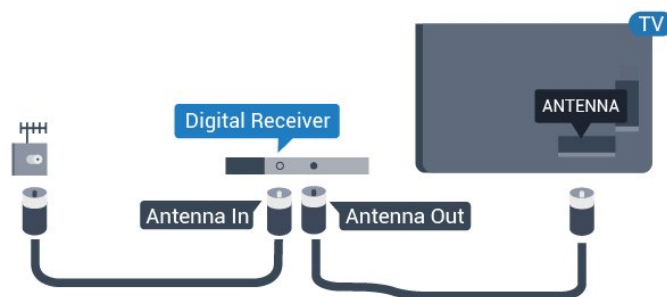
När du slår på TV:n kan det ta några minuter innan CA-modulen är aktiverad. Om en CA-modul har satts in och abonnemangsavgiften är betald (abonnemangen kan variera) kan du titta på kodade kanaler som stöds av CA-modulens Smart Card.

CA-modulen och Smart Card hör exklusivt till din TV. Om du flyttar CA-modulen kan du inte längre titta på de kodade kanalerna som stöds av CA-modulen.

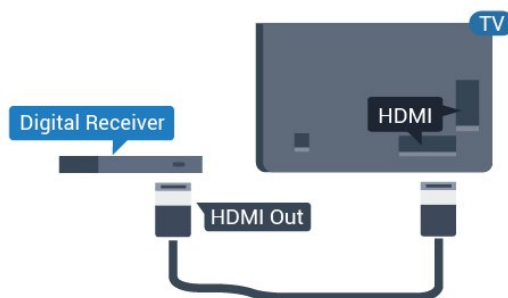
6.3

## Mottagare – Digitaldekoder

Använd två antennkablar till att ansluta antennen till digitaldekodern och TV:n.



Bredvid antennanslutningarna ansluter du en HDMI-kabel för att ansluta digitaldekodern till TV-apparaten.



6.4

## Hemmabiosystem – HTS

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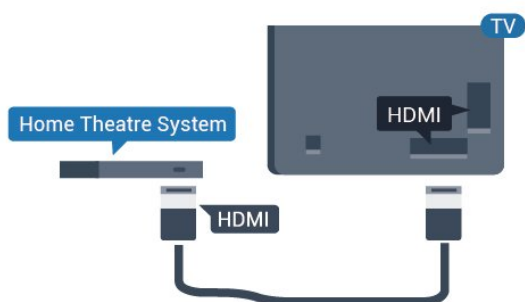
## Ansluta med HDMI ARC

Använd en HDMI-kabel till att ansluta ett hemmabiosystem till TV:n. Du kan ansluta en Philips Soundbar eller ett hemmabiosystem med en inbyggd skivspelare.

### HDMI ARC

Om ditt hemmabiosystem har en HDMI ARC-anslutning kan du ansluta med en HDMI-anslutning på TV:n. Med HDMI ARC behöver du inte ansluta någon extra ljudkabel. HDMI ARC-anslutningen kombinerar båda signalerna.

Alla HDMI-kontakter på TV:n har stöd för ARC-signal (Audio Return Channel). Men när du har anslutit till hemmabiosystemet kan TV:n endast skicka ARC-signalen till den HDMI-anslutningen.



### Ljud till bild-synkronisering (synk.)

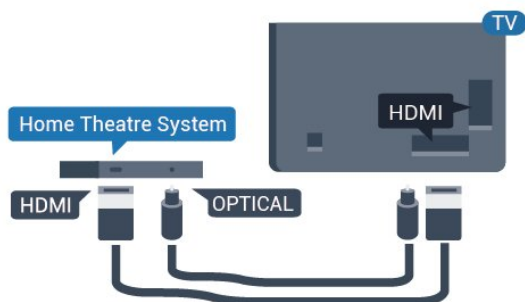
Om ljudet inte stämmer överens med bilden på skärmen kan du ställa in en fördröjning på de flesta hemmabiosystem med en skivenhet så att ljud och bild stämmer överens.

---

## Ansluta med HDMI

Använd en HDMI-kabel till att ansluta ett hemmabiosystem till TV:n. Du kan ansluta en Philips Soundbar eller ett hemmabiosystem med en inbyggd skivspelare.

Om hemmabiosystemet inte har en HDMI ARC-anslutning använder du även en optisk ljudkabel (Toslink) till att överföra ljudet från TV-bilden till hemmabiosystemet.



### Ljud till bild-synkronisering (synk.)

Om ljudet inte stämmer överens med bilden på skärmen kan du ställa in en fördröjning på de flesta hemmabiosystem med en skivenhet så att ljud och bild stämmer överens.

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6.5

## Smarttelefoner och surfplattor

Använd trådlös eller trådbunden anslutning för att ansluta till en smarttelefon eller surfplatta.

### Trådlös

Ladda ned Philips TV Remote App från din favoritappbutik på din smarttelefon eller surfplatta för trådlös anslutning.

### Ansluten

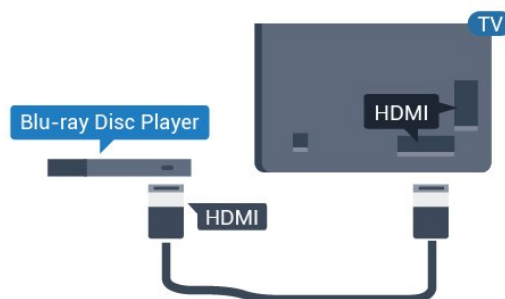
Använd HDMI 1 MHL-anslutningen på baksidan av TV:n för trådbunden anslutning.

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6.6

## Blu-ray Disc-spelare

Använd en HDMI-kabel med hög hastighet för att ansluta Blu-ray-spelaren till TV:n.




Om Blu-ray Disc-spelaren har funktioner för EasyLink HDMI CEC kan du styra spelaren med TV-fjärrkontrollen.

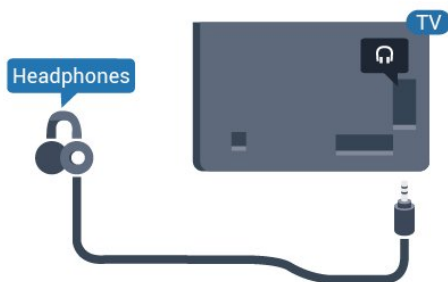
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6.7

## Hörlurar

Du kan ansluta hörlurar till -anslutningen på baksidan av TV:n. Anslutningen är ett miniuttag på 3,5 mm. Du kan justera hörlurarnas ljudnivå separat.



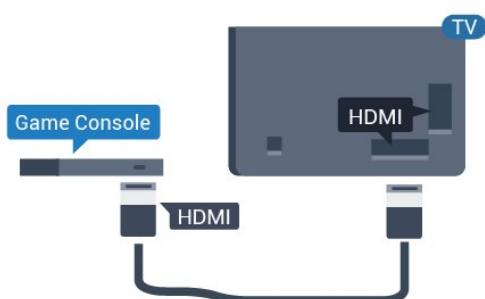


6.8

## Spelkonsol

### HDMI

För bästa kvalitet ansluter du spelkonsolen med en HDMI-kabel med hög hastighet till TV:n.



6.9

## USB-flashminne

Du kan visa bilder eller spela upp musik och film från ett USB-flashminne.

Sätt i ett USB-flashminne i en av USB-anslutningarna på TV:n när TV:n är påslagen.



TV:n identifierar flashminnet och öppnar en lista med dess innehåll.

Om innehållslistan inte visas automatiskt ...

Professionellt läge AV – Tryck på Hem, välj Appar, välj Källor. Välj USB och tryck på OK.

Professionellt läge På – Tryck på Hem, välj TV-kanaler , välj SOURCES . Välj USB och tryck på OK.

Sluta visa innehållet på USB-flashminnet genom att

trycka på eller välja någon annan aktivitet. Koppla från USB-flashminnet genom att när som helst dra ut flashminnet.

6.10

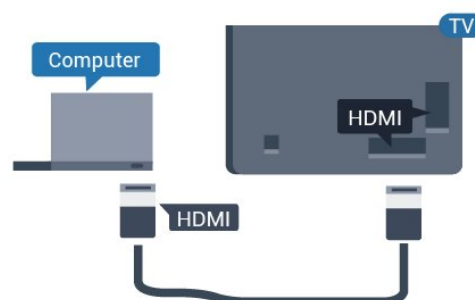
## Dator

### Anslut

Du kan ansluta din dator till TV:n och använda TV:n som en datorskärm.

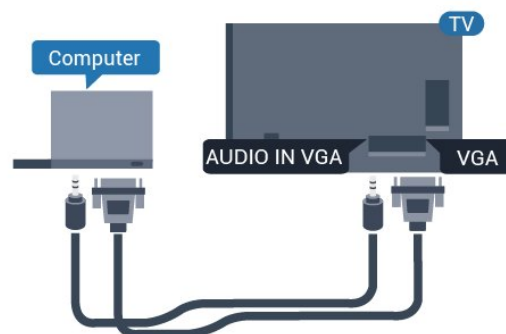
Med HDMI

Använd en HDMI-kabel för att ansluta datorn till TV:n.



Med VGA (6014U)

Använd en VGA-kabel till att ansluta datorn till TV:n och en ljudkabel (minijack 3,5 mm) till AUDIO IN VGA på baksidan av TV:n.




### Bästa inställningen

Om du ansluter en dator rekommenderar vi att du ger anslutningen, som datorn är ansluten till, rätt enhetstypnamn i källmenyn. Om du växlar till Dator i källmenyn ställs TV:n in på den bästa datorinställningen automatiskt.

Så här ställer du in TV:n på den bästa inställningen ...

Professionellt läge AV – Tryck på Hem. Tryck på (ned), välj Inställningar och tryck på OK.

Välj Bild och tryck på  (höger) för att komma till menyn. Välj Bildstil > Dator och tryck på OK.

Välj På eller Av och tryck på OK.

Tryck på  flera gånger om det behövs, för att stänga menyn.

Professionellt läge PÅ – Tryck på  Hem >  Mer >  Inställningar >  Bild. Tryck på OK.

Välj Bildstil > Dator och tryck på OK.

Välj På eller Av och tryck på OK.

Tryck på  flera gånger om det behövs, för att stänga menyn.

(Se installationshandboken för information om expertläget)

# Videor, foton och musik






## 7.1

### Från en USB-anlutning

Du kan visa dina foton eller spela upp musik och videor från en USB-ansluten flashenhet eller USB-hårddisk.

När TV:n är påslagen ansluter du ett USB-flashminne eller en USB-hårddisk till en av USB-anlutningarna. TV:n identifierar enheten och listar dina mediefiler.

Om listan med filer inte visas automatiskt ...

- 1 - Tryck på , välj  Källor.
- 2 - Välj  Media och tryck på .
- 3 - Du kan bläddra bland filerna i den mappstruktur du har organiserat på enheten.
- 4 - Om du vill stoppa uppspelningen av videor, foton eller musik trycker du på .


## 7.2

### Spela upp dina videor








#### Spela upp videor

##### Öppna videomapp

- 1 - Tryck på , välj  Källor.
- 2 - Välj , välj  Videor och tryck på .

Om du vill gå tillbaka till mappen trycker du på .

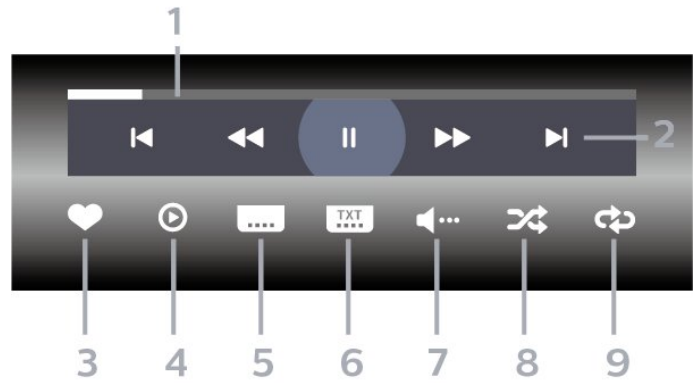
##### Spela upp en video






- 1 - Tryck på , välj  Källor.
- 2 - Välj , välj  Videor och tryck på .
- 3 - När du väljer en video kan du trycka på  Spela upp alla för att spela upp alla filer i mappen eller trycka på  Markera som favorit för att lägga till den valda videon till favoritmenyn -  Favoriter.

Du pausar videofilmen med OK. Tryck på OK igen när du vill fortsätta.


##### Kontrollfält

Om du vill visa eller dölja kontrollfältet när en video spelas upp trycker du på OK.



- 1 - Förloppsindikator
- 2 - Kontrollfält för uppspelning
  - : Hoppa till föregående video i en mapp
  - : Hoppa till nästa video i en mapp
  - : Spola tillbaka
  - : Snabbspolning framåt
  - : Pausa uppspelningen
- 3 - Markera som favoriter
- 4 - Spela upp alla videor
- 5 - Undertextning: slå på eller stäng av undertextningen när ljudet är avstängt.
- 6 - Undertextsspråk: Välj ett undertextsspråk (ej tillgängligt för professionellt läge PÅ.)
- 7 - Ljudspråk: välj ett ljudspråk:
- 8 - Blanda: spela upp filer i slumpmässig ordning
- 9 - Repetera: spelar upp alla videor i den här mappen en gång eller kontinuerligt

### Videoalternativ

Under videouppspelningen trycker du på  OPTIONS, väljer Info och trycker på OK för att...

- Markera som favorit - Ange den valda videon som favorit.
- Spela upp alla - Spela upp alla videofiler i den här mappen.
- Undertext - Om det finns kan du välja På, Av eller På vid tystat ljud.
- Ljudspråk - Om det finns väljer du ett ljudspråk.
- Blanda - Spela upp filer i slumpmässig ordning.
- Repetera - Spelar upp alla videor i den här mappen en gång eller kontinuerligt.

## 7.3

### Visa dina foton

## Visa foton

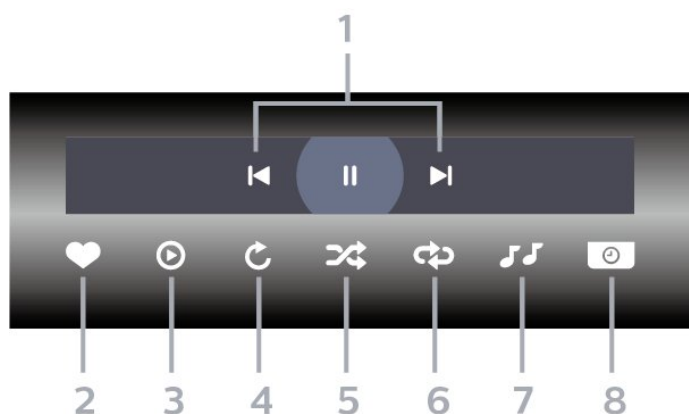
### Öppna fotomapp

- 1 - Tryck på CHANNELS, välj Källor.
- 2 - Välj Media, välj Foton och tryck på OK.

### Visa ett foto

- 1 - Tryck på CHANNELS, välj Källor.
- 2 - Välj Media, välj Foton och tryck på OK.
- 3 - När du väljer Foton och ett foto kan du trycka på Bildspel om du vill spela upp alla filer i en mapp eller tryck på Markera som favorit om du vill lägga till det valda fotot i favoritmenyn
- Favoriter.

### Kontrollfält



#### 1 - Kontrollfält för uppspelning

- : Hoppa till föregående foto i en mapp
- : Hoppa till nästa foto i en mapp
- : Pausa uppspelningen av bildspel

#### 2 - Markera som favoriter

#### 3 - Starta ett bildspel

#### 4 - Roter fotot

#### 5 - Blanda: spela upp filer i slumpmässig ordning

#### 6 - Repetera: spelar upp alla foton i den här mappen en gång eller kontinuerligt

#### 7 - Stoppa musiken som spelas i bakgrunden (ej tillgängligt i professionellt läge PÅ)

#### 8 - Ställer in hur snabbt bilderna ska växla.

## Fotoalternativ

Under videouppspelningen trycker du på OPTIONS, väljer Info och trycker på OK för att...

- Markera som favoriter
- Starta ett bildspel
- Roter fotot
- Blanda: spela upp filer i slumpmässig ordning
- Repetera: spelar upp alla foton i den här mappen en gång eller kontinuerligt
- Stoppa musiken som spelas i bakgrunden (ej tillgängligt i professionellt läge PÅ)
- Ställer in hur snabbt bilderna ska växla.

### 7.4

## Spela upp din musik

### Spela musik

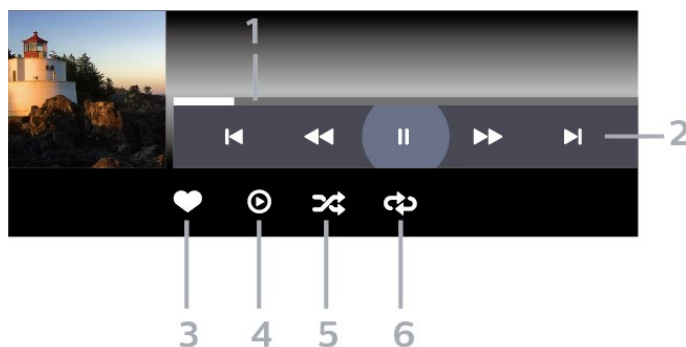
#### Öppna musikmappen

- 1 - Tryck på CHANNELS, välj Källor.
- 2 - Välj Media, välj Musik och tryck på OK.

#### Spela musik

- 1 - Tryck på CHANNELS, välj Källor.
- 2 - Välj Media, välj Musik och tryck på OK.
- 3 - Du kan trycka på Mark. fav. för att lägga till musikmappen till favoritmenyn – Favoriter.
- 4 - Du kan snabbt hitta musik med hjälp av klassificering – Genrer, Artister, Album, Spår.

### Kontrollfält



#### 1 - Förloppsindikator

#### 2 - Kontrollfält för uppspelning

- : Hoppa till föregående musik i en mapp
- : Hoppa till nästa musik i en mapp
- : Spola tillbaka
- : Snabbspolning framåt
- : Pausa uppspelningen

- 3 - Markera som favoriter
  - 4 - Spela upp all musik
  - 5 - Blanda: spela upp filer i slumpmässig ordning
  - 6 - Repetera: spelar upp all musik i den här mappen en gång eller kontinuerligt
- 

## Musikalternativ

Under musikuppspelningen trycker du på **+**  
OPTIONS, väljer Info och trycker på OK för att...

- Markera som favoriter
- Spela upp all musik
- Blanda: spela upp filer i slumpmässig ordning
- Repetera: spelar upp all musik i den här mappen en gång eller kontinuerligt


# TV-guide

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## Använda TV-guiden

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### Öppna TV-guiden

Öppna TV-guiden genom att trycka på  TV GUIDE. TV-guiden visar kanalerna för den valda mottagaren.

Tryck på  TV GUIDE igen för att stänga.

När du öppnar TV-guiden första gången söker TV:n igenom alla TV-kanaler efter programguideinformation. Det kan ta flera minuter. Informationen i TV-guiden lagras i TV:n.

---

# Spel

---

## Spela ett spel

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### Från en spelkonsol


Så här startar du ett spel från en spelkonsol ...


Slå på spelkonsolen.

Professionellt läge AV – Tryck på  Hem, välj  Appar. Välj Källor och tryck på OK.



Starta spelet.


Tryck på  BACK flera gånger eller på  EXIT, eller stoppa appen med dess knapp för att avsluta/stoppa.

För mer information om att ansluta en spelkonsol trycker du på färgknappen  Sökord i Hjälp och letar upp Spelkonsol, ansluta .

Professionellt läge PÅ – Tryck på  SOURCES och välj en spelkonsol eller namnet på anslutningen.

Starta spelet.



Tryck på  BACK flera gånger eller på  EXIT, eller stoppa appen med dess knapp för att avsluta/stoppa.

För mer information om att ansluta en spelkonsol trycker du på färgknappen  Sökord i Hjälp och letar upp Spelkonsol, ansluta .



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### Efter appar

Så här startar du ett spel från en spelapp ...



Professionellt läge Av – Tryck på  Hem, välj  Appar och välj sedan Google Play Games.

Logga in på ditt Google-konto och starta ett spel.

Tryck på  BACK flera gånger eller på  EXIT, eller stoppa appen med dess knapp för att avsluta/stoppa.

Professionellt läge PÅ – Tryck på  Hem. Välj  Spel.

Logga in på ditt Google-konto och starta ett spel.






Tryck på  BACK flera gånger eller på  EXIT, eller stoppa appen med dess knapp för att avsluta/stoppa.

# Appen Professionell meny






## Om appen Professionell meny

Från appen Professionell meny kan du sätta igång vilken TV-aktivitet som helst.

Den vänstra delen av appen Professionell meny är indelad i rader...

- Rekommenderas 
- TV-kanaler 
- Cast 
- Spel 
- Mer 



Den övre högra delen av appen Professionell meny är indelad i rader...

- Hantera konto
- Meddelanden  (detta är en valfri funktion beror på hotellets interna inställningar.)
- Faktura  (detta i en valfri funktion beror på hotellets interna inställningar.)
- Ställa in alarm 
- Väder 
- Menyspråk 
- Aktuell tid

## Öppna appen Professionell meny

Professionellt läge AV – Se kapitlet "Hem-skärmen för Android TV".

Professionellt läge PÅ – Öppna appen Professionell meny och öppna ett objekt...




- 1 – Öppna appen Professionell meny genom att trycka på Hem .
- 2 – Välj en aktivitet med pilknapparna och tryck på OK för att starta aktiviteten.
- 3 – Om du vill stänga appen Professionell meny utan att ändra den aktuella aktiviteten trycker du på .



När du öppnar appen Professionell meny stoppas app-/innehållsuppspelningen som sker i bakgrunden. Du måste välja appen eller innehållet från appen Professionell meny för att återuppta uppspelningen.

## Rekommenderas

Öppna appen Professionell meny och öppna Rekommenderad...





- 1 – Öppna appen Professionell meny.
- 2 – Välj **Rekommenderas**  och tryck på **OK** för att öppna eller starta den.
- 3 – Välj  Rekommenderade TV-kanaler. Välj en kanal från listan och tryck på OK.
- 4 – Välj  Appar. Välj en app från listan och tryck på OK.

## TV-kanaler

### Kanallistor

#### Om kanallistor

Efter en kanalinstallation visas alla kanaler i kanallistan. Kanaler visas med namn och logotyp om den informationen finns tillgänglig.

Tryck med en kanallista vald, på pilarna  (upp) eller  (ned) för att välja en kanal och tryck sedan på **OK** för att titta på den valda kanalen. Du kan bara gå till kanalerna i den listan när du använder knapparna  **+** eller  **-**.

#### Radiokanaler

Om digitala sändningar är tillgängliga lagras digitala radiokanaler vid installationen. Du kan växla till en









radiokanal på samma sätt som du växlar till en TV-kanal.

---

## Öppna en kanallista

Så här öppnar du aktuell kanallista...

1. Tryck på  för att byta till TV.
2. Tryck på  CHANNELS för att öppna aktuell kanallista. Välj  Alla kanaler för att visa både TV- och radiokanaler. Välj  för att visa endast TV-kanaler. Välj  för att visa endast radiokanaler.
3. Tryck på  CHANNELS igen för att stänga kanallistan.



---

## Titta på kanaler


### Gå till en kanal

Börja titta på TV-kanaler genom att trycka på . TV:n visar kanalen du senast tittade på.


### Byta kanal

– Byt kanaler genom att trycka på  + eller  -.

### Föregående kanal

– Du byter tillbaka till den tidigare inställda kanalen genom att trycka på  BACK.

### Kanallista

När du tittar på en TV-kanal öppnar du kanallistorna genom att trycka på .

---



## Kanalalternativ

### Öppna Alternativ

När du tittar på en kanal kan du ange några alternativ.

Beroende på vilken typ av kanal du tittar på (analog eller digital) eller beroende på TV-inställningarna du har gjort, är vissa alternativ tillgängliga.

Så här öppnar du alternativmenyn...

- 1 – Medan du tittar på en kanal, trycker du på  OPTIONS.
- 2 – Tryck på  OPTIONS igen för att stänga.

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10.5





## TV-kanaler

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## Kanallistor

### Om kanallistor

Efter en kanalinstallation visas alla kanaler i kanallistan. Kanaler visas med namn och logotyp om den informationen finns tillgänglig.

Tryck med en kanallista vald, på pilarna  (upp) eller  (ned) för att välja en kanal och tryck sedan på OK för att titta på den valda kanalen. Du kan bara gå till kanalerna i den listan när du använder knapparna  + eller  -.







### Radiokanaler

Om digitala sändningar är tillgängliga lagras digitala radiokanaler vid installationen. Du kan växla till en radiokanal på samma sätt som du växlar till en TV-kanal.

---

## Öppna en kanallista

Så här öppnar du aktuell kanallista...

1. Tryck på  för att byta till TV.
2. Tryck på  CHANNELS för att öppna aktuell kanallista. Välj  Alla kanaler för att visa både TV- och radiokanaler. Välj  för att visa endast TV-kanaler. Välj  för att visa endast radiokanaler.
3. Tryck på  CHANNELS igen för att stänga kanallistan.

---

## Titta på kanaler


### Gå till en kanal

Börja titta på TV-kanaler genom att trycka på . TV:n visar kanalen du senast tittade på.


### Byta kanal

– Byt kanaler genom att trycka på  + eller  -.

### Föregående kanal

– Du byter tillbaka till den tidigare inställda kanalen genom att trycka på  BACK.

### Kanallista

När du tittar på en TV-kanal öppnar du kanallistorna genom att trycka på .

---

## Kanalalternativ

---

### Öppna Alternativ

När du tittar på en kanal kan du ange några alternativ.

Beroende på vilken typ av kanal du tittar på (analog eller digital) eller beroende på TV-inställningarna du har gjort, är vissa alternativ tillgängliga.

Så här öppnar du alternativmenyn...

- 1 - Medan du tittar på en kanal, trycker du på **+** **OPTIONS**.
- 2 - Tryck på **+** **OPTIONS** igen för att stänga.

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10.6

## Google Cast

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### Vad du behöver

Om Google Cast finns i någon app i din mobila enhet kan du strömma appen på TV:n. I mobilappen letar du efter Google Cast-ikonen. Du kan använda mobilenheten för att styra vad som visas på TV:n. Google Cast fungerar i Android och iOS.

Din mobila enhet måste vara ansluten till samma trådlösa nätverk som din TV.

### Appar med Google Cast

Det kommer nya Google Cast-appar varje dag. Du kan redan testa det med YouTube, Chrome, Netflix, Photowall ... eller Big Web Quiz för Chromecast. Se också [google.com/cast](http://google.com/cast)

Vissa Google Play-produkter och funktioner är inte tillgängliga i alla länder.


Ta reda på mer på [support.google.com/androidtv](http://support.google.com/androidtv)

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## Så här strömmar du till TV:n

Så här strömmar du en app till TV-skärmen ...

Öppna appen Professionell meny och öppna Cast...


- 1 - Öppna appen Professionell meny.
- 2 - Välj **Cast**  och tryck på **OK** för att öppna eller starta det.
- 3 - Anslut smartphone till TV:n med Wi-Fi Direct (skanna QR-koden eller använd WiFi SSID och lösenordet). Öppna en app som har stöd för Google Cast.
- 4 - Tryck på Google Cast-ikonen.
- 5 - Välj den TV som du vill strömma till.
- 6 - Tryck på Spela upp på din smarttelefon eller surfplatta. Det som du valde bör nu visas på TV:n.

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10.7

## Spel

Öppna appen Professionell meny och öppna Spel...

- 1 - Öppna appen Professionell meny.
- 2 - Välj **Spel**  och tryck på **OK**.





### Särskilda spelinställningar

För vissa spel, där fart och precision behövs, ställer du in TV:n till den perfekta inställningen för **Spel** innan du börjar spela.

Om spelkonsolen läggs till som enhetstyp **Spel** i källmenyn (lista med anslutningar) ställs TV:n automatiskt in på perfekta spelinställningar.

Om spelkonsoltypen anges som **Spelare** och mestadels används som en skivspelare låter du enhetstypen vara inställd på **Spelare**.

Ställa in TV:n manuellt på den särskilda inställningen ...


- 1 - Välj  **Hem** > **...** **Mer** >  **Inställningar** >  **Bild** > **Bildstil**.
- 2 - Välj **Spel** och tryck på **OK**.
- 3 - Tryck på , flera gånger om det behövs, för att stänga menyn. Kom ihåg att ställa tillbaka spelet eller datorn till **Av** när du avslutar spelet.

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10.8


## Mer

Öppna appen Professionell meny och öppna Mer...

- 1 - Öppna appen Professionell meny.
- 2 - Välj **...** **Mer** och tryck på **OK** för att öppna eller starta det.
- 3 - Välj  **Inställningar**.

• Bild 

Växla mellan förinställda bildstilar. Det finns perfekta format för att se på film eller foton osv.

• Ljud 

Växla mellan förinställda ljudstilar. Det finns perfekta format för att se på film, lyssna på musik eller spela spel.

• Bildformat 


Välj ett bildformat som passar skärmen.


• Menyspråk 

Välj språk och tryck på **OK**.

- 4 - Välj  **Funktioner** och tryck på **OK**.

• Ställa in alarm 

Ett alarm kan ställas in på TV:n. TV:n kan aktiveras vid en angiven alarmtid. Alarmtiden kan också ställas in genom att trycka på knappen  på fjärrkontrollen.

• Insomningstimer 

Med hjälp av skjutreglaget kan du ställa in tiden på

upp till 180 minuter i steg om 5 minuter. Om den ställs in på 0 minuter stängs insomningstimern av. Du kan alltid stänga av TV:n tidigare eller återställa tiden under nedräkningen.

• Väder 🌤️:

Visa den observerade temperaturen. Den innehåller 5 dagars väderprognos för den aktuella platsen.

Alarmtiden kan också ställas in genom att trycka på knappen 🌤️ på fjärrkontrollen.

5 – Välj personligt 👤 och tryck på OK.

• Faktura 📄 : Hotellgästen kan se hotellräkningen under sin vistelse. (Endast i professionellt läge PÅ.)

• Meddelanden 📧 :

Gäster ska aviseras när nya meddelanden från hotellet tas emot på TV:n. (Endast i professionellt läge PÅ.)

• Meddelandervisning 📧:

Ändra hur meddelanden visas. (Endast i professionellt läge PÅ.)

• Hantera konto 👤:

När du loggar in på Google-kontot via telefon eller bärbar dator kontrollerar du att telefonen eller den bärbara datorn är ansluten till samma nätverk som TV:n och anger sedan koden som visas på TV:n för att slutföra inloggningen inloggningen. Gästen kan också använda Google-kontots e-postadress och lösenord för att logga in.

• Rensa historik 🗑️:

Rensa personliga inloggningsuppgifter från alla program (rensas också automatiskt vid utcheckning, endast i Professionellt läge PÅ.)

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10.9

## Professionella inställningar


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### Bildstil

Välja en stil

Tryck på  Hem >  Mer >  Inställningar >  Bild > Bildstil.

Du kan välja en fördefinierad bildstil för enkel bildjustering.

- Personligt – Bildinställningarna du ställer in vid första starten.
- Livlig – Passar utmärkt för visning i dagsljus
- Naturlig – Naturliga bildinställningar
-  Standard – Den mest energimedvetna inställningen – Fabriksinställning
- Film – Passar utmärkt för att titta på film
- Spel – Passar utmärkt för att spela spel
- Dator – Perfekt för anslutning till dator


---

### Bildformat

Välj bildformat

Om bilden inte fyller hela skärmen, om svarta fält visas längst upp eller ned eller på båda sidor, kan du justera bilden för att fylla skärmen helt.

Välja en av de grundläggande inställningarna för att fylla skärmen ...

Tryck på  Hem >  Mer >  Inställningar >  Bildformat.

Följande format kan vara tillgängliga enligt bilden på skärmen .

- Bredbild
- Fyll skärmen
- Anpassa till skärmen
- Inte skalförändrad

---

### Ljudstil

Välja en stil

Tryck på  Hem >  Mer >  Inställningar >  Ljud > Ljudstil.




Du ställer enkelt in ljudet genom att välja en förinställd inställning med ljudstil.

- Personligt – De alternativ du själv har valt i Anpassa bild och ljud
- Original – Den mest neutrala ljudinställningen
- Film – Passar utmärkt för att titta på film
- Musik – Passar utmärkt för att lyssna på musik
- Spel – Passar utmärkt för att spela spel
- Nyheter – Passar utmärkt för tal

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### Språk

Ändra språk i TV-menyer och meddelanden

Tryck på  Hem >  Mer >  Inställningar >  Menyspråk.


Välj språk och tryck på OK.

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### Miljöinställningar

Ställ in Skärm av för att sänka energiförbrukning

Tryck på  Hem >  Mer > 





Funktioner >  Insomningstimer > Skärm av.



Om du bara lyssnar på musik på TV:n kan du stänga av TV-skärmen.

Endast TV-skärmen stängs av. Om du vill slå på skärmen igen trycker du på valfri knapp på

fjärrkontrollen.

### Ställ in TV:ns avstängningstimer

Tryck på  Hem >  Mer >  Funktioner >  Insomningstimer > Insomningstimer.

Tryck på pilarna  (upp) eller  (ned) för att justera värdet. Värdet 0 (av) avaktiverar den automatiska avstängningen.

Välj Avstängningstimer så stängs TV:n av automatiskt för att spara energi.

\* TV:n stängs av om den tar emot en TV-signal men du inte trycker på en knapp på fjärrkontrollen under fyra timmar

\* TV:n stängs av om den inte tar emot en TV-signal eller fjärrkontrollsignal på 10 minuter.

\* Om du använder TV:n som bildskärm eller har en digitalmottagare för att titta på TV (digitaldekoder) och inte använder TV:ns fjärrkontroll, ska du stänga av den automatiska avstängningen genom att ställa in värdet på 0.

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10.10

## Google-konto

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### Logga in

Om du vill kunna njuta av alla funktioner i din Philips Android TV kan du logga in på Google med ditt Google-konto.

Genom att logga in kan du spela dina favoritspel från telefonen, surfplattan eller TV:n. Du får också anpassade video- och musikrekommendationer på din TV-startskärm, samt åtkomst till YouTube, Google Play och andra appar.

Använd ditt befintliga **Google-konto** för att logga in på Google på din TV. Ett Google-konto består av en e-postadress och ett lösenord. Om du inte har något Google-konto än, kan du använda din dator eller surfplatta för att skapa ett (accounts.google.com). Om du inte loggade in vid den första TV-installationen, kan du alltid logga in senare.

### Logga in

Tryck på  > Öppna programskärmen Professionell meny.

Välj Hantera konto längst upp till höger på programskärmen Professionell meny och tryck på **OK**. Med skärmtangentbordet anger du e-postadress och lösenord och trycker på samma **OK**-tangent för att logga in.

# Android TV-hemskärm

## Om Android TV-hemskärmen

Om du vill dra nytta av fördelarna med Android-TV ansluter du TV:n till internet.

Precis som på din Android-smarttelefon eller -surfplatta är startsidan TV:ns centrum. Från startsidan kan du bestämma vad du vill titta på genom att bläddra bland underhållningsalternativ från appen och Live TV. Startsidan har kanaler så att du kan upptäcka fantastiskt innehåll från dina favoritappar. Du kan även lägga till fler kanaler eller hitta nya appar för att få mer innehåll.

## Öppna Android TV-hemskärmen

Professionellt läge PÅ – se installationshandboken.

Professionellt läge AV – Öppna Android TV-hemskärmen och öppna ett objekt ...

1 – Tryck på Meny och gå till Philips rekommenderar och tryck sedan på OK.

2 – Välj en aktivitet med pilknapparna och tryck på OK, så startas aktiviteten.

3 – Om du vill stänga hemmenyn utan att ändra den aktuella aktiviteten trycker du på ←.



När du öppnar startsidan för Android TV stoppas app-/innehållsuppspelningen som sker i bakgrunden. Du måste välja appen eller innehållet från startsidan för Android TV för att återuppta uppspelningen.

# Android TV-inställningar

## Bild

### Bildinställningar

#### Bildstil

##### Välja en stil

Tryck på > Inställningar > Bild > Bildstil. Du kan välja en fördefinierad bildstil för enkel bildjustering.

- Personligt – Bildinställningarna du ställer in vid första starten.
- Livlig – Passar utmärkt för visning i dagsljus
- Naturlig – Naturliga bildinställningar
- Standard – Den mest energimedvetna inställningen – Fabriksinställning
- Film – Passar utmärkt för att titta på film
- Spel – Passar utmärkt för att spela spel
- Dator – Perfekt för anslutning till dator

#### Färg, kontrast, skärpa, ljusstyrka

##### Justera bildfärgerna

Tryck på Hem > Inställningar > Bild > Färg. Tryck på pilarna (upp) eller (ned) för att justera bildens färgmättnadsvärde.

##### Justera bildkontrasten

Tryck på Hem > Inställningar > Bild > Kontrast. Tryck på pilarna (upp) eller (ned) för att justera bildens kontrastvärde.

Du kan minska kontrasten för att sänka energiförbrukningen.

##### Justera bildskärpan

Tryck på Hem > Inställningar > Bild > Skärpa.

Tryck på pilarna (upp) eller (ned) för att justera bildens skärpa.

##### Justera ljusstyrka

Tryck på Hem > Inställningar > Bild > Ljusstyrka.

Tryck på pilarna (upp) eller (ner) för att ställa in nivån på bildsignalens ljusstyrka.

**Obs!** Om ljusstyrkan ändras för långt från referensvärdet (50) kan det ge lägre kontrast.

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## Avancerade bildinställningar

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### Färginställningar

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#### Avancerade färginställningar

##### Justera färgförbättringen



Tryck på  Hem >  Inställningar >

Bild > Avancerad > Färg > Färgförbättring.

Välj **Maximalt**, **Mellan**, eller **Låg** för att ställa in nivån på färgintensiteten och detaljerna i starka färger.

##### Välj förinställd färgtemperatur



Tryck på  Hem >  Inställningar >

Bild > Avancerad > Färg > Färgtemperatur.

Välj **Normal**, **Varm**, eller **Kall** för att ställa in färgtemperaturen som du vill ha den.

##### Anpassa färgtemperatur





Tryck på  Hem >  Inställningar >

Bild > Avancerad > Färg > Anpassad färgtemperatur.

Välj **Personlig** i Färgtemperatur-menyn för att anpassa din egen färgtemperatur. Tryck på pilarna  (upp) eller  (ned) för att justera värdet. WP är vitt och BL är svarta. Du kan också välja en av förinställningarna på den här menyn.

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## Avancerade kontrastinställningar

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### Kontrastläge



Tryck på  Hem >  Inställningar >

Bild > Avancerad > Kontrast > Kontrastläge.

Välj **Normal**, **Optimerad för bild**, eller **Optimerad för energibesparingar** för att ställa in TV:n på att automatiskt minska kontrasten, för bästa strömförbrukning eller bästa bildupplevelse. Välj **Av** för att stänga av justeringen.

---

### Dynamisk kontrast



Tryck på  Hem >  Inställningar >

Bild > Avancerad > Kontrast > Dynamisk kontrast.

Välj **Maximalt**, **Medel** eller **Låg** för att ställa in nivån där TV:n automatiskt förbättrar detaljvisning i mörka, medelljusa och ljusa områden i bilden.

---

## Videokontrast, gamma

---

### Videokontrast





Tryck på  Hem >  Inställningar >

Bild > Avancerad > Kontrast > Videokontrast.

Tryck på pilarna  (upp) eller  (ner) för att justera nivån på videokontrasten.

### Kontrast, gamma





Tryck på  Hem >  Inställningar >

Bild > Avancerat > Kontrast > Gamma.

Tryck på pilarna  (upp) eller  (ner) för att välja en icke-linjär inställning för bildluminans och kontrast.

---

## Avancerade inställningar av skärpa

---

### Ultra-upplösning

Tryck på  Hem >  Inställningar > Bild >

Avancerat > Skärpa > Ultraupplösning.

Välj **På** för att få överlägsen skärpa i kantlinjer och detaljer.

---

## Ren bild

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### Brusreducering

Tryck på  Hem >  Inställningar > Bild >

Avancerat > Ren bild > Brusreducering.

Välj **Maximalt**, **Mellan** eller **Låg** för att ställa in nivån för brusreducering i videoinnehåll.

Brus syns främst som små rörliga prickar på skärmen.

---

### MPEG-artefaktreducering

Tryck på  Hem >  Inställningar > Bild >

Avancerat > Ren bild > MPEG-artefaktreducering.

Välj **Maximalt**, **Mellan** eller **Låg** för att få olika nivåer av utjämning av artefakter i digitalvideoinnehåll.

MPEG-artefakter syns främst som små block eller taggiga kanter i bilden.

---

## Bildformat

Om bilden inte fyller hela skärmen, om svarta fält visas längst upp eller ned eller på båda sidor, kan du justera bilden för att fylla skärmen helt.

Välja en av de grundläggande inställningarna för att

fylla skärmen ...

- 1 - När du tittar på en TV-kanal trycker du på Hem > Inställningar > Bild > Bildformat.
- 2 - Välj ett format från listan och tryck på **OK**.
- 3 - Tryck på **BACK** (flera gånger om nödvändigt) för att stänga meny.

Följande format kan vara tillgängliga enligt bilden på skärmen ...

- Bredbild
- Fyll skärmen
- Anpassa till skärmen
- Inte skalförändrad

---

## Ljud

### Ljudstil

#### Välja en stil

Tryck på Hem > Inställningar > Ljud > Ljudstil. Du ställer enkelt in ljudet genom att välja en förinställd inställning med ljudstil.

- Personligt – De alternativ du själv har valt i Anpassa bild och ljud
- Original – Den mest neutrala ljudinställningen
- Film – Passar utmärkt för att titta på film
- Musik – Passar utmärkt för att lyssna på musik
- Spel – Passar utmärkt för att spela spel
- Nyheter – Passar utmärkt för tal

---

### Ljudhantering

#### Välja en enhet.

Tryck på Hem > Inställningar > Ljud > Ljudhantering. Konfigurera ljudutgångsenheter.

- TV-högtalare – Ställ in TV:n så att den spelar ljud på TV:n eller på det anslutna ljudsystemet.
- Hörlurar/badrumshögtalare – på/av.
- Hörlurar/badrum, SPK fast volym – När funktionen är aktiverad är volymnivån för hörlurarna/badrumshögtalaren fast inställd på inställningarna vid påslagning.
- Hörlursidentifiering – På/Av.

---

### TV-placering

Tryck på Hem > Inställningar > Ljud > TV-placering.

Välj På ett TV-stativ eller På väggen för att få bästa ljudåtergivning i enlighet med inställningen.

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## Avancerat

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## Miljöinställningar

### Insomningsfunktion

Tryck på Hem > Inställningar > Miljöinställningar > Insomningstimer.

Ställ in TV:n så att den automatiskt växlar till standbyläge efter en förinställd tid. Om du vill inaktivera den här funktionen anger du tiden till noll.

Tryck på pilarna (upp) eller (ned) för att justera värdet. Värdet 0 (av) avaktiverar den automatiska avstängningen.

Välj Avstängningstimer så stängs TV:n av automatiskt för att spara energi.

\* TV:n stängs av om den tar emot en TV-signal men du inte trycker på en knapp på fjärrkontrollen under fyra timmar

\* TV:n stängs av om den inte tar emot en TV-signal eller fjärrkontrollsignal på 10 minuter.

\* Om du använder TV:n som bildskärm eller har en digitalmottagare för att titta på TV (digitaldekode) och inte använder TV:ns fjärrkontroll, ska du stänga av den automatiska avstängningen genom att ställa in värdet på 0.

---

### Skärm av

Tryck på Hem > Inställningar > Miljöinställningar > Skärm av.

Om du bara lyssnar på musik på TV:n kan du stänga av TV-skärmen.

Endast TV-skärmen stängs av. Om du vill slå på skärmen igen trycker du på valfri knapp på fjärrkontrollen.

---

## Region och språk

### språk

Tryck på Hem > Inställningar > Region och språk > Språk.

Välj region och språkinställningar.

- Android-system/Menyspråk – Ändra språk för menyer och meddelanden.
- Primärt ljud – Ställ in högsta inställning för ljudspråk i sändningar.
- Sekundärt ljud – Ställ in nästa inställning för ljudspråk i sändningar.
- Primär undertext – Ställ in högsta inställning för undertextspråk i sändningar.
- Sekundär undertext – Ställ in nästa inställning för

undertextspråk i sändningar.

- Primärt språk Text -TV – Ställ in första inställning för textspråk i sändningar.
- Sekundärt språk Text -TV – Ställ in nästa inställning för textspråk i sändningar.



---

## Inställningar för Universell åtkomst


Tryck på  >  Inställningar > Tillgänglighet > Universell åtkomst.

Med Universell åtkomst påslagen är TV:n förberedd för användning av döva, personer med nedsatt hörsel, blinda och synskadade personer.

Slå på inställningar för Universell åtkomst

Tryck på  >  Inställningar > Tillgänglighet > Universell åtkomst > På.



Universell åtkomst för personer med nedsatt hörsel

Tryck på  >  Inställningar > Tillgänglighet > Universell åtkomst > Nedsatt hörsel > På.

• En del digitala TV-kanaler sänder särskilt ljud och undertext anpassat för personer med nedsatt hörsel och döva.



• När det är påslaget växlar TV:n automatiskt till anpassat ljud och undertexter, om de finns.

Universell åtkomst för blinda eller synskadade personer

Tryck på  >  Inställningar > Tillgänglighet > Universell åtkomst > Ljudbeskrivning > Ljudbeskrivning > På.

Digital-TV-kanaler sänder särskilda berättarröster som beskriver vad som händer på skärmen.

 Inställningar > Tillgänglighet > Universell åtkomst > Ljudbeskrivning > Blandad volym, Ljudeffekter, Tal.

• Välj Blandad volym för att blanda volymen på det vanliga ljudet med berättarrösten. Tryck på pilarna  (upp) eller  (ned) för att justera värdet.

• Ställ in Ljudeffekter i läget På för att få extra ljudeffekter som stereo eller uttonande ljud i berättarljudspåret.

• Välj Tal för att ställa in föredraget tal som Beskrivande eller Textrensor.

---

## Innehållsklassificering

Klassificeringsnivå

Tryck på  >  Inställningar > Innehållsklassificering.

För att förhindra att barn tittar på olämpliga program kan du ange en åldersgräns. Digitala kanaler kan ha åldersgränser på sina program. När åldersgränsen på

ett program är samma eller högre än den du har ställt in för ditt barn, låses programmet. Om du vill titta på ett låst program måste du ange koden först.

Ange en åldersgräns



Tryck på  >  Inställningar >

Innehållsklassificering > Klassificeringsnivå.

Välj ålder och tryck på OK. Om du vill stänga av åldersgränsen väljer du Ingen. Men i en del länder måste du ange en åldersgräns.



---

## Ställ in kod och Ändra kod

Tryck på  Hem >  Inställningar > Innehållsklassificering.

Koden för Låsfunktion används för att låsa eller låsa upp kanaler och program.

Ställ in en ny kod eller återställ ändrad kod

Tryck på  Hem >  Inställningar > Innehållsklassificering > Ändra kod.

Obs!

Om du har glömt PIN-koden kan du kringgå den aktuella koden med **8888** och ange en ny kod.

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11.4

## Anslut din Android TV

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### Nätverk och internet

Hemnätverk

Om du vill kunna njuta av alla funktioner i din Philips Android TV, måste TV:n vara ansluten till internet.

Anslut TV:n till ett hemnätverk med en bredbandsanslutning. Du kan ansluta din TV trådlöst eller trådbundet till din nätverksrouter.

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Anslut till nätverk

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Trådlös anslutning

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Vad du behöver

Om du vill ansluta TV:n till internet trådlöst behöver du en Wi-Fi-router med internetanslutning.

Använd en internetanslutning med hög hastighet (bredband).





## Skapa anslutningen

### Skapa anslutningen – TRÅDLÖS

Tryck på Hem > Inställningar > Trådlöst och nätverk > Anslut till nätverk > TRÅDLÖS.

1 - Klicka på ditt trådlösa nätverk i listan över hittade nätverk. Om ditt nätverk inte finns i listan för att nätverksnamnet är dolt (du har stängt av routerns SSID-sändning) väljer du Lägg till nytt nätverk för att ange nätverksnamnet själv.

2 - Ange krypteringsnyckeln WEP, WPA eller WPA2 beroende på vilken typ av router du har. Om du har angett krypteringsnyckeln för nätverket förut kan du klicka på OK för att göra anslutningen direkt.

3 - Ett meddelande visas när anslutningen har upprättats.

### Skapa anslutningen – WPS

Tryck på Hem > Inställningar > Trådlöst och nätverk > Anslut till nätverk > WPS.

Om routern har WPS kan du direkt ansluta till routern utan att söka efter nätverk. Om du har enheter i ditt trådlösa nätverk som använder WEP-säkerhetskrypteringssystem kan du inte använda WPS.

1 - Gå till routern, tryck på WPS-knappen och återgå till TV:n inom 2 minuter.

2 - Klicka på Anslut för att göra anslutningen.

3 - Ett meddelande visas när anslutningen har upprättats.

### Skapa anslutningen – WPS med PIN-kod

Tryck på Hem > Inställningar > Trådlöst och nätverk > Anslut till nätverk > WPS MED PIN-KOD.

Om routern har WPS med PIN-kod kan du direkt ansluta till routern utan att söka efter nätverk. Om du har enheter i ditt trådlösa nätverk som använder WEP-säkerhetskrypteringssystem kan du inte använda WPS.

1 - Skriv ned den 8-siffriga PIN-koden som visas på skärmen och ange den i routerns programvara på

datorn. Läs i användarhandboken till routern var du ska ange PIN-koden i routerns programvara.

2 - Klicka på Anslut för att göra anslutningen.

3 - Ett meddelande visas när anslutningen har upprättats.

## Problem

### Trådlöst nätverk hittades inte eller är förvrängt

- Mikrovågsugnar, DECT-telefoner och andra WiFi 802.11b/g/n/ac-enheter i närheten kan störa det trådlösa nätverket.

- Se till att brandväggarna i nätverket ger åtkomst till den trådlösa TV-anslutningen.

- Om det trådlösa nätverket inte fungerar ordentligt kan du försöka med den trådbundna nätverksinstallationen.

### Internet fungerar inte

- Om anslutningen till routern fungerar som den ska kontrollerar du anslutningen till internet.

### Dator- och internetanslutningen är långsam

- Leta i användarhandboken till den trådlösa routern för information om räckvidd inomhus, överföringshastighet och andra signalkvalitetsfaktorer.
- Använd en internetanslutning med hög hastighet (bredband) för routern.

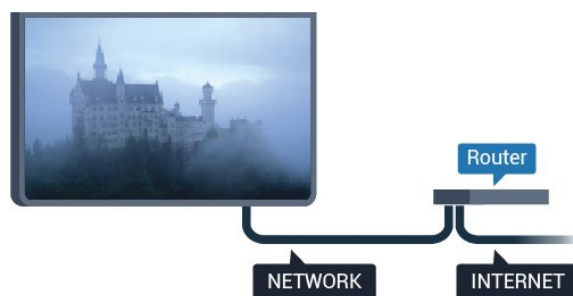
### DHCP

- Om anslutningen inte upprättas kontrollerar du routerns DHCP-inställning (Dynamic Host Configuration Protocol). DHCP ska vara påslagen.

## Trådbunden anslutning

### Vad du behöver

Om du vill ansluta TV:n till internet behöver du en nätverksrouter med internetanslutning. Använd en internetanslutning med hög hastighet (bredband).



## Skapa anslutningen

### Skapa anslutningen – TRÅDBUNDEN

Tryck på Hem > Inställningar > Trådlöst och nätverk > Anslut till nätverk > TRÅDBUNDEN.

- 1 - Anslut routern till TV:n med en nätverkskabel (Ethernet-kabel\*\*).
- 2 - Kontrollera att routern är påslagen.
- 3 - TV:n söker hela tiden efter nätverksanslutningen.
- 4 - Ett meddelande visas när anslutningen har upprättats.




Om anslutningen inte upprättas kontrollerar du routerns DHCP-inställning. DHCP ska vara påslagen.

\*\* För att uppfylla kraven enligt EMC-föreskrifterna ska du använda en skärmd FTP Cat. 5E-Ethernetkabel.

---




## Inställningar

### Visa nätverksinställningar

Tryck på  Hem >  Inställningar >  Trådlöst och nätverk > Inställningar > Visa nätverksinställningar.

Du kan visa alla aktuella nätverksinställningar, bl.a. IP- och MAC-adress, signalstyrka, hastighet och krypteringsmetod.

### Nätverkskonfiguration – DHCP/statisk IP

Tryck på  Hem >  Inställningar >  Trådlöst och nätverk > Inställningar > Nätverkskonfiguration > DHCP/statisk IP.

Välj DHCP. Men om du är en avancerad användare kan du installera nätverket med statisk IP-adressering.


### Nätverkskonfiguration – Statisk IP-konfiguration

Tryck på  Hem >  Inställningar >  Trådlöst och nätverk > Inställningar > Statisk IP.

1 - Välj Statisk IP-konfiguration och konfigurera anslutningen.




2 - Du kan ange nummer för IP-adress, Nätmask, Gateway, DNS 1 eller DNS 2.

### Väck med LAN (WoL)

Tryck på  Hem >  Inställningar >  Trådlöst och nätverk > Inställningar > Wake on LAN (WoL).

Avaktivera/aktivera Väck med LAN (WoL). Du kan aktivera TV-n med en extern enhet som finns på samma LAN.

### Väck med Wi-Fi (WoWLAN)

Tryck på  Hem >  Inställningar >  Trådlöst och nätverk > Inställningar > Wake on Wi-Fi (WoWLAN).

Avaktivera/aktivera på Wi-Fi (WoWLAN). Du kan aktivera TV-n med en extern enhet som finns på samma Wi-Fi.

### Nätverkstyp

Tryck på  Hem >  Inställningar >  Trådlöst och nätverk > Inställningar > Nätverkstyp.

- Trådbunden – Ansluter till ett trådbundet nätverk.
- Trådlöst – Klicka på ditt trådlösa nätverk i listan över hittade nätverk. Om ditt nätverk inte finns i listan för att nätverksnamnet är dolt (du har stängt av routerns SSID-sändning) väljer du Lägg till nytt nätverk för att ange nätverksnamnet själv.
- WPS – Om routern har WPS kan du direkt ansluta till routern utan att söka efter nätverk. Om du har enheter i ditt trådlösa nätverk som använder WEP-säkerhetskrypteringssystem kan du inte använda WPS.
- WPS med PIN-kod – Om routern har WPS med PIN-kod kan du direkt ansluta till routern utan att söka efter nätverk. Om du har enheter i ditt trådlösa nätverk som använder WEP-säkerhetskrypteringssystem kan du inte använda WPS.

---

## Google-konto

### Logga in

Om du vill kunna njuta av alla funktioner i din Philips Android TV kan du logga in på Google med ditt Google-konto.

Genom att logga in kan du spela dina favoritspel från telefonen, surfplattan eller TV:n. Du får också anpassade video- och musikrekommendationer på din TV-startskärm, samt åtkomst till YouTube, Google Play och andra appar.

Använd ditt befintliga **Google-konto** för att logga in på Google på din TV. Ett Google-konto består av en e-postadress och ett lösenord. Om du inte har något Google-konto än, kan du använda din dator eller surfplatta för att skapa ett (accounts.google.com). För att kunna spela spel med Google Play måste du ha en Google+-profil. Om du inte loggade in vid den första TV-installationen, kan du alltid logga in senare.

### Logga in

Tryck på  Hem >  Appar > Google Play.

Med skärmtangentbordet anger du e-postadress och lösenord och trycker på samma OK-tangent för att logga in.

---

## Android-inställningar

Du kan ange eller visa flera Android-specifika inställningar eller information. Du kan se en lista med appar som är installerade på din TV och det lagringsutrymme de kräver. Du kan ställa in vilket språk du vill använda med röstsökningen. Du kan konfigurera skärmtangentbordet eller låta appar använda din plats. Utforska olika Android-inställningar. Du kan gå till

[www.support.google.com/androidtv](http://www.support.google.com/androidtv) för mer information om dessa inställningar.

## Öppna inställningarna

Tryck på  Hem >  Inställningar > Inställningar > Android-inställningar.





11.5

# Kanaler

## Kanallistor

### Om kanallistor

Efter en kanalinstallation visas alla kanaler i kanallistan. Kanaler visas med namn och logotyp om den informationen finns tillgänglig.




Tryck med en kanallista vald, på pilarna  (upp) eller  (ned) för att välja en kanal och tryck sedan på **OK** för att titta på den valda kanalen. Du kan bara gå till kanalerna i den listan när du använder knapparna  + eller  -.

### Radiokanaler

Om digitala sändningar är tillgängliga lagras digitala radiokanaler vid installationen. Du kan växla till en radiokanal på samma sätt som du växlar till en TV-kanal.

## Öppna en kanallista

Så här öppnar du aktuell kanallista...


1. Tryck på  för att byta till TV.
2. Tryck på  för att öppna kanallistan.
3. Tryck på  igen för att stänga kanallistan.

## Titta på kanaler


### Gå till en kanal

Börja titta på TV-kanaler genom att trycka på . TV:n visar kanalen du senast tittade på.

### Byta kanal


– Byt kanaler genom att trycka på  + eller  -.

### Föregående kanal

– Du byter tillbaka till den tidigare inställda kanalen genom att trycka på  **BACK**.

### Kanallista

När du tittar på en TV-kanal öppnar du kanallistorna

genom att trycka på .



## Kanalalternativ

### Öppna Alternativ

#### Common Interface

Om du har installerat en CA-modul i ett av Common Interface-facken, kan du visa CA-modulen och operatörsinformation eller göra vissa CA-modulrelaterade inställningar.

Visa CA-modulinformation...

- 1 - Ställ in kanalen, tryck på  **OPTIONS**.
- 2 - Välj **Common Interface**.
- 3 - Välj lämpligt Common Interface-fack och tryck på  (höger).
- 4 - Välj TV-operatören för CA-modulen och tryck på **OK**. Följande skärmar kommer från TV-operatören.



## Undertext



### Undertextspråk

#### Föredragna undertextspråk

En digital sändning kan innehålla flera undertextspråk för ett program. Du kan ställa in ett önskat primärt och sekundärt textningsspråk. Om det finns undertext på ett av de här språken visar TV:n det som du har valt.

Ställa in primärt och sekundärt undertextspråk ...


- 1 - Tryck på  Hem. Tryck på  (ned), välj **Inställningar** och tryck på **OK**.
- 2 - Välj Region och språk > Språk > Primär undertext eller Sekundär undertext.

- 3 - Välj det språk du vill ha och tryck på **OK**.
- 4 - Tryck på  (vänster) för att gå tillbaka ett steg eller tryck på  **BACK** för att stänga menyn.

### Välj ett undertextspråk

Om inga av de önskade undertextspråken finns tillgängliga kan du välja ett annat tillgängligt undertextspråk. Om inga undertextspråk finns tillgängliga kan du inte välja det här alternativet.

Välja ett undertextspråk när inget av dina önskade språk finns tillgängliga ...

- 1 - Tryck på  **OPTIONS**.
- 2 - Klicka på **Undertextspråk** och välj ett språk som tillfällig undertext.

---

## Ljudspråk

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### Önskat ljudspråk

En digital sändning kan innehålla flera ljudspråk (talade språk) för ett program. Du kan ställa in ett önskat primärt och sekundärt ljudspråk. Om det finns ljud i ett av de här språken kommer de att spelas på TV:n.

Ställa in primärt och sekundärt ljudspråk ...

1 - Tryck på Hem. Tryck på (ned), välj **Inställningar** och tryck på **OK**.  
2 - Välj **Region** och språk och välj **Språk > Primärt ljud** eller **Sekundärt ljud**.

3 - Välj det språk du vill ha och tryck på **OK**.  
4 - Tryck på (vänster) för att gå tillbaka ett steg eller tryck på **BACK** för att stänga menyn.

---

### Välja ett ljudspråk

Om inga av de önskade ljudspråken finns tillgängliga kan du välja ett annat tillgängligt ljudspråk. Om inga ljudspråk finns tillgängliga kan du inte välja det här alternativet.

Välja ett ljudspråk när inget av dina önskade språk finns tillgängliga...

1 - Tryck på **OPTIONS**.  
2 - Klicka på **Ljudspråk** och välj ett språk som tillfälligt ljud.

---

## Kanalinformation

### Visa kanalinformation

Visa all information om den valda kanalen...

1 - Ställ in kanalen.  
2 - Tryck på **OPTIONS**, välj **Kanalinfo** och tryck på **OK**.  
3 - Stäng skärmen genom att trycka på **OK**.

---

## Mono/Stereo

Du kan byta ljudet på en analog kanal till Mono eller Stereo.

Byta till Mono eller Stereo...

1 - Gå till en analog kanal.  
2 - Tryck på **OPTIONS**, välj **Mono/Stereo** och tryck på (höger).  
3 - Välj **Mono** eller **Stereo** och tryck på **OK**.  
4 - Tryck på (vänster) för att gå tillbaka ett steg eller tryck på **BACK** för att stänga menyn.

---

## Programinfo

### Visa programinformation

Visa all information om det valda programmet...

1 - Ställ in kanalen.  
2 - Tryck på **OPTIONS**, välj **Programinformation** och tryck på **OK**.  
3 - Stäng skärmen genom att trycka på **OK**.

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11.6

## Kanalinstallation

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### Installera kanaler

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#### Antenn-/kabelinstallation

---

##### Sök efter kanaler

Du kan installera om alla kanaler och lämna alla andra TV-inställningar orörda.

Om en PIN-kod har ställts in måste du ange koden innan du kan installera om kanalerna.

Sök efter kanaler...

1 - Tryck på Hem > **Inställningar** > **Installera kanaler** och tryck på **OK**.  
2 - Välj **RF-kanalinstallation** och tryck på **OK**.

3 - Ange PIN-koden om det behövs.  
Välj **Sök efter kanaler** och tryck på **OK**.  
Välj **Start** och tryck på **OK**.  
Välj det land som du befinner dig i och tryck på **OK**.  
Välj **Start** och tryck på **OK**.  
Välj den typ av installation som du vill ha, **Antenn (DVB-T)** eller **Kabel (DVB-C)** och tryck på **OK**.  
Välj **Nästa** och tryck på **OK**.  
Välj den typ av kanaler du vill ha, **Digitala och analoga kanaler** eller **Endast digitala kanaler** och tryck på **OK**.  
Välj **Nästa** och tryck på **OK**.  
Välj **Start** och tryck på **OK** för att uppdatera digitalkanalerna. Det kan ta några minuter.  
Tryck på (vänster) för att gå tillbaka ett steg eller tryck på **BACK** för att stänga menyn.





---

### Automatisk kanaluppdatering

Om du tar emot digitalkanaler kan du ställa in TV:n för automatisk uppdatering av dessa kanaler.

En gång om dagen, klockan 06.00, uppdaterar TV-apparater kanaler och lagrar nya kanaler. Nya kanaler lagras i kanallistan och markeras med . Kanaler utan signal tas bort. TV-apparaten måste vara i standbyläge för att automatiskt uppdatera kanaler. Du kan stänga av Automatisk kanaluppdatering.

Stänga av automatisk uppdatering ...





- 1 - Tryck på  Hem >  Inställningar > Installera kanaler och tryck på **OK**.
- 2 - Välj **RF-kanalinstallation** och tryck på **OK**.
- 3 - Ange PIN-koden om det behövs.
- 4 - Välj **Automatisk kanaluppdatering** och tryck på **OK**.
- 5 - Välj **Av** och tryck på **OK**.
- 6 - Tryck på  (vänster) för att gå tillbaka ett steg eller tryck på  **BACK** för att stänga menyn.

---

### Kanaluppdateringsmeddelande

När nya kanaler hittas, eller om kanaler uppdateras eller tas bort, visas ett meddelande när TV:n startas. Om du vill undvika att det här meddelandet visas efter varje kanaluppdatering kan du stänga av det.

Stänga av meddelandet ...

- 1 - Tryck på  Hem >  Inställningar > Installera kanaler och tryck på **OK**.
- 2 - Välj **RF-kanalinstallation** och tryck på **OK**.
- 3 - Ange PIN-koden om det behövs.
- 4 - Välj **Automatisk kanaluppdatering** och tryck på **OK**.
- 5 - Välj **Av** och tryck på **OK**.
- 6 - Tryck på  (vänster) för att gå tillbaka ett steg eller tryck på  **BACK** för att stänga menyn.

I vissa länder sker den automatiska kanaluppdateringen när du tittar på TV eller när som helst när TV-apparaten är i standby.

---

### Digital: Manuell installation

Digitala TV-kanaler kan ställas in manuellt, en kanal i taget.

Installera digitala kanaler manuellt...

- 1 - Tryck på  Hem >  Inställningar > Installera kanaler och tryck på **OK**.
- 2 - Välj **RF-kanalinstallation** och tryck på **OK**.
- 3 - Välj **Digitalt: Manuell installation** och tryck på **OK**.
- 4 - Välj **Sök** och tryck på **OK**. Du kan ange frekvens själv för att hitta en kanal eller låta TV:n söka efter kanalen. Tryck på  (höger) för att välja **Sök** och tryck på **OK** för att söka efter kanalen automatiskt. Kanalen som hittas visas på skärmen och om mottagningen är dålig trycker du på **Sök** igen. Om du vill lagra kanalen väljer du **Klar** och trycker på **OK**.

---

### Analog: Manuell installation

Analog TV-kanaler kan ställas in manuellt, en kanal i taget.


Installera analoga kanaler manuellt ...

- 1 - Tryck på  Hem >  Inställningar > Installera kanaler och tryck på **OK**.
- 2 - Välj **RF-kanalinstallation** och tryck på **OK**.
- 3 - Välj **Analogt: Manuell installation** och tryck på **OK**.

#### • System

Om du vill ställa in TV-systemet väljer du **System**. Välj det land eller den del av världen där du befinner dig och tryck på **OK**.

#### • Sök kanal

Om du vill hitta en kanal väljer du **Sök kanal** och trycker på **OK**. Du kan ange frekvens själv för att hitta en kanal eller låta TV:n söka efter kanalen. Tryck på  (höger) för att välja **Sök** och tryck på **OK** för att söka efter kanalen automatiskt. Kanalen som hittas visas på skärmen och om mottagningen är dålig trycker du på **Sök** igen. Om du vill lagra kanalen väljer du **Klar** och trycker på **OK**.

#### • Lagra

Du kan lagra kanalen på det aktuella kanalnumret eller som ett nytt kanalnummer. Välj **Lagra denna kanal** eller **Lagra som ny kanal** och tryck på **OK**. Det nya kanalnumret visas en kort stund.

Du kan upprepa stegen tills du hittat alla tillgängliga analoga TV-kanaler.

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11.7

## Internet







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### Starta internet

Du kan surfa på internet på din TV. Du kan visa alla internetwebbplatser på TV:n, men de flesta är inte anpassade för en TV-skärm.

- Vissa insticksprogram (till exempel för att visa sidor eller video) går inte att använda för TV:n.
- Det går inte att skicka eller hämta filer.
- Internetsidor visas en sida i taget och i helskärmsläge.

Så här startar du webbläsaren ...

- 1 - Tryck på  **HOME**.
- 2 - Bläddra nedåt och välj  **Appar** >  **Internet** och tryck på **OK**.
- 3 - Ange en internetadress och välj , tryck på **OK**.
- 4 - Avsluta Internet genom att trycka på  **HOME** eller .

---

## Alternativ på internet

Det finns vissa extrafunktioner på internet.

Så här öppnar du extrafunktionerna ...

- 1 - När webbplatsen är öppen trycker du på **+** **OPTIONS**.
- 2 - Välj något av alternativen och tryck på **OK**.
  - Lägg till snabbval: Så här anger du en ny internetadress.
  - Lägg till bokmärken: Lägg till sidan som bokmärke
  - Sidsäkerhet: Så här visar du säkerhetsnivån för aktuell sida.
  - Ny privat flik: Öppna en ny privat flik och surfa privat
  - Inställningar: Inställningar för Zoom, Textstorlek, Tillgänglighetsläge, Visa alltid menulist, och Radera historik (webbläsare)
  - Hjälp: Webbläsarinformation
  - Stänga webbläsare: Stäng webbläsaren

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11.8

## Smarttelefoner och surfplattor

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### MHL

Denna TV är MHL™-kompatibel.

Om din mobila enhet också är MHL-kompatibel, kan du ansluta den till TV:n med en MHL-kabel. När MHL-kabeln är ansluten kan du visa det som finns i din mobila enhet på TV-skärmen. Batteriet i den mobila enheten laddas samtidigt. MHL-anslutningen är perfekt när man vill se på film eller spela spel från den mobila enheten på TV:n under en längre tid.

#### Laddning

När MHL-kabeln är ansluten kommer enheten att laddas när TV:n är påslagen (inte i standbyläge).

#### MHL-kabel

Du behöver en passiv MHL-kabel (HDMI till mikro-USB) för att kunna ansluta den mobila enheten till TV:n. Du kan behöva en extra adapter för att kunna ansluta den mobila enheten. När du ansluter MHL-kabeln till TV:n använder du **HDMI 1** MHL-anslutningen.



MHL, Mobile High-Definition Link och MHL-logotypen är varumärken eller registrerade varumärken som tillhör MHL, LLC.

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11.9

## Programvara

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### Uppdatering av programvara

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#### Programversion

Visa aktuell version av TV:ns programvara ...

- 1 - Tryck på , välj **Inställningar** och tryck på **OK**.
- 2 - Välj **Uppdatera programvara** > **Aktuell firmwareinformation** och tryck på **OK**.
- 3 - Versionen, versionsinformationen och det datum den skapades visas.
- 4 - Tryck på (vänster) flera gånger om det behövs, för att stänga menyn.

---

#### Uppdatera från webbplats

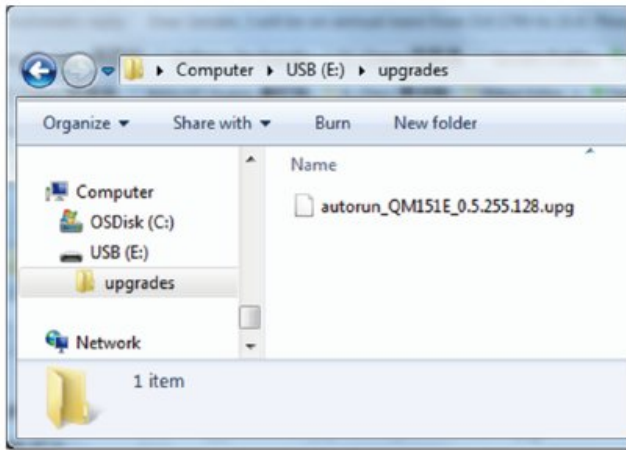
Du hittar den aktuella versionen av den fasta programvaran för TV:n på inställningsmenyn under "Uppdatera programvara" > "Aktuell fast programvara".

Kontrollera regelbundet om det finns nya uppdateringar på [www.philips.com/support](http://www.philips.com/support).

Följ instruktionerna nedan för att uppdatera TV:ns inbyggda programvara.

Ladda ned den senaste programvaran...

- 1 - Starta Internet Explorer.
- 2 - Gå till Philips supportwebbplats på <http://www.philips.com/support>.
- 3 - Ange modellnumret. (Du hittar modellnumret på etiketten på baksidan av TV:n.)
- 4 - När du öppnar TV:ns produktsida väljer du Support.
- 5 - Välj "Programuppdateringar" och klicka på "Hämta fil" för att hämta programvaran. (Programvaran är tillgänglig som en zip-fil.)
- 6 - Om programvaruversionen är högre än den version som är installerad på TV:n klickar du på länken för hämtning av programvara.
- 7 - Godkänn licensavtalet/villkoren, välj "Jag accepterar", så hämtas zip-filen automatiskt.
- 8 - Packa upp zip-filen i valfri katalog med hjälp av ett arkiveringsverktyg.
- 9 - Skapa ett mappnamn "uppgraderingar" i huvudkatalogen på USB-flashenheten.
- 10 - Kopiera den upg-fil du har extraherat tidigare till uppgraderingsmappen, som visas i bilden nedan.
- 11 - Koppla från USB-minnet från datorn.



Uppdatera programvaran...

- 1 - Anslut USB -minnet (med programvaruuppdateringen) till USB-uttaget på TV:n. Vänta i 30 sekunder eller tills USB-enheten känns igen av TV:n.
- 2 - TV:n börjar läsa in programvaran automatiskt.
- 3 - När inläsningen av programvaran är klar trycker du på "Start" för att aktivera uppgraderingen av TV:n.

# Programvara med öppen källkod

## Öppen källkod-licens

### Om öppen källkod-licens

README för källkoden till delarna av TV-programvaran från TP Vision Netherlands B.V. som omfattas av öppen källkod-licenser.

I det här dokumentet beskrivs distributionen av källkoden som används för TP Vision Netherlands B.V. TV, som omfattas antingen av GNU General Public License (GPL) eller GNU Lesser General Public License (LGPL) eller någon annan öppen källkod-licens. Anvisningar om hur du erhåller kopior av den här programvaran finns i användaranvisningarna.

TP Vision Netherlands B.V. LÄMNAR INGA GARANTIER AV NÅGOT SLAG, VARKEN UTTRYCKLIGA ELLER UNDERFÖRSTÅDDA, INKLUSIVE UNDERFÖRSTÅDDA GARANTIER OM SÄLJBARHET ELLER LÄMPLIGHET FÖR ETT VISST ÄNDAMÅL, GÄLLANDE DEN HÄR PROGRAMVARAN. TP Vision Netherlands B.V. ger inget stöd för detta program. Föregående påverkar inte dina garantier och lagstadgade rättigheter gällande TP Vision Netherlands B.V.-produkt(er) som du har köpt. Det gäller bara för den här källkoden som är tillgänglig för dig.

## Open Source

### Android (7.1.1)

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

### linux kernel (3.10.79)

This tv contains the Linux Kernel. The original download site for this software is

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

### libcurl (7.50.1)

libcurl is a free and easy-to-use client-side URL transfer library, supporting DICT, FILE, FTP, FTPS, Gopher, HTTP, HTTPS, IMAP, IMAPS, LDAP, LDAPS, POP3, POP3S, RTMP, RTSP, SCP, SFTP, SMTP, SMTPS, Telnet and TFTP. libcurl supports SSL certificates, HTTP POST, HTTP PUT, FTP uploading, HTTP form based upload, proxies, cookies, user+password authentication (Basic, Digest, NTLM, Negotiate, Kerberos), file transfer resume, http proxy tunneling and more! The original download site for this software is

: <http://curl.haxx.se/libcurl/> COPYRIGHT AND PERMISSION NOTICE Copyright (c) 1996 - 2010, Daniel Stenberg, [daniel@haxx.se](mailto: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](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

#### libcui18n (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.iijg.org/libjpeg-turbo> is covered by three compatible BSD-style open source licenses. Refer to LICENSE.txt for a roll-up of license terms.

#### libmtp (1.0.1)

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

#### libmdnssd (320.10.80)

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

#### libnfc\_ndef ( )

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

#### libskia ( )

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

#### libsonivox ( )

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

#### libsqlite (3.9.2)

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

#### libttspeco ( )

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

#### libtinyalsa ( )

tinyalsa: a small library to interface with ALSA in the Linux kernel. The original download site for this software is : No info. This piece of software is made available under the terms and conditions of the BSD.

#### wpa\_supplicant (0.8)

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

#### libz (1.2.8)

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

#### iptables (1.4.20)

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

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#### libOpenMAXAL

(7b8b9c17db93ea5287575b437c77fb36eeb81b31)

OpenMAX AL is an application-level multimedia playback and recording API for mobile embedded devices. The 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

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#### libcurlmheg (7.21.6)

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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/juliennr/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.

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### WebKit

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## Copyright FAQ

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

Bitstream is giving away these fonts, but wishes to ensure its competitors can't just drop the fonts as is into a font sale system and sell them as is. It seems fair that if Bitstream can't make money from the Bitstream Vera fonts, their competitors should not be able to do so either. You can sell the fonts as part of

any software package, however.

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

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

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

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

See 1. above.

3. Are derivative works allowed?

Yes!

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

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

5. Under what terms are derivative works allowed?

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

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

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

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

substitutions could still could have occurred during font

opening). You must include the Bitstream copyright. Additional

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

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

adopted in future versions?

Yes. The contract between the Gnome Foundation and Bitstream has

provisions for working with Bitstream to ensure quality additions to

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

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

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

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

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

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

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

guide and aid for people interested in contributing to Vera.

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

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

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

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

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

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

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

use fontconfig (see [www.fontconfig.org](http://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:  
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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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- \*
- \* 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

URL:

<http://www.azillionmonkeys.com/qed/hash.html>

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google-glog's symbolization library

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

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

Almost Native Graphics Layer Engine

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Google Cache Invalidation API

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support for arithmetic coding has been removed from the free JPEG software.

(Since arithmetic coding provides only a marginal gain over the unpatented

Huffman mode, it is unlikely that very many implementations will support it.)

So far as we are aware, there are no patent restrictions on the remaining

The IJG distribution formerly included code to read and write GIF files.

To avoid entanglement with the Unisys LZW patent, GIF reading support has

been removed altogether, and the GIF writer has been simplified to produce

"uncompressed GIFs". This technique does not use the LZW algorithm; the

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```
printf("%s", png_get_copyright(NULL));
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November 12, 2015

libsrtip

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

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libusbx

URL: <http://libusb.org>

libvpx

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

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WebP image encoder/decoder

URL: <http://developers.google.com/speed/webp>

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linux-syscall-support

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LZ4 - Extremely fast compression

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

### LZ4 Library

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### modp base64 decoder

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

\* MODP\_B64 - High performance base64 encoder/decoder

\* Version 1.3 -- 17-Mar-2006

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

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Mojo

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

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mt19937ar

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

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

Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using  
init\_genrand(seed)  
or init\_by\_array(init\_key, key\_length).

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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>

Skia

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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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tcmmalloc

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

The USB ID Repository

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

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usrsrcp

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

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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  
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;\* NASM/YASM syntax combined with a large number  
of macros to provide easy  
;\* abstraction between different calling conventions  
(x86\_32, win64, linux64).  
;\* It also has various other useful features to simplify  
writing the kind of  
;\* DSP functions that are most often used in x264.

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encourage contributing a patch  
;\* as this feature might be useful for others as well.  
Send patches or ideas  
;\* to [x264-devel@videolan.org](mailto:x264-devel@videolan.org) .

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

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

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\*/

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

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- test/mjsunit/third\_party/regexp-pcre/regexp-pcre.js. This is based on the

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- Layout tests, located in test/mjsunit/third\_party/object-keys. These are

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

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

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

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libnsspem

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the notices in the Source Code files of the Original Code. You should

use the text of this Exhibit A rather than the text found in the

Original Code Source Code for Your Modifications.]

# Hjälp och support

13.1

## Felsökning

### Slå på TV:n och fjärrkontroll

Det går inte att slå på TV:n

- Koppla bort strömkabeln från eluttaget. Vänta en minut och koppla därefter in det igen.
- Kontrollera att strömkabeln är ordentligt ansluten.

#### Knakande ljud vid start eller avstängning

När du slår på och stänger av eller sätter TV:n i standbyläge hörs ett knakande ljud från TV-chassit. Det knakande ljudet beror på normal utvidgning och sammandragning när TV:n värms upp respektive svalnar. Detta påverkar inte prestanda.

#### Ingen reaktion på TV:n när du skickar kommandon från fjärrkontrollen

TV:n behöver lite tid för att starta upp. Under den tiden svarar inte TV:n på fjärrkontrollen eller TV-kontrollerna. Detta är ett normalt beteende. Om TV:n fortfarande inte svarar på fjärrkontrollen kan du kontrollera om fjärrkontrollen fungerar med hjälp av en mobiltelefonkamera. Sätt telefonen i kamerläge och rikta fjärrkontrollen mot kamerans objektiv. Om du trycker på någon knapp på fjärrkontrollen och du märker att den infraröda lampan flimrar genom kameran fungerar fjärrkontrollen. TV:n måste kontrolleras. Om du inte upptäcker något flimrande kan fjärrkontrollen vara trasig eller så är batterierna svaga. Den här metoden för att kontrollera fjärrkontrollen är inte möjlig med fjärrkontroller som är trådlöst ihopparade med TV:n.

#### TV:n går tillbaka till standbyläge när den har visat Philips-startskärmen

När TV:n är i standbyläge visas en Philips-startskärm, sedan återgår TV:n till standbyläge. Detta är ett normalt beteende. När TV:n kopplas ur och ansluts till elnätet visas startskärmen vid nästa start. För att slå på TV:n från standbyläget trycker du på **⏻** på fjärrkontrollen eller på TV:n.

#### Standbylampan fortsätter att blinka

Koppla bort strömkabeln från eluttaget. Vänta i 5 minuter innan du ansluter strömkabeln. Om blinkandet återkommer kontaktar du Philips TV-kundtjänst.

## Kanaler

Inga digitala kanaler hittades vid installationen

Se de tekniska specifikationerna för att kontrollera att TV:n har funktioner för DVB-T eller DVB-C där du bor.

Kontrollera att alla kablar är ordentligt anslutna och att rätt nätverk är valt.

Tidigare installerade kanaler är inte i kanallistan

Kontrollera att rätt kanal är vald.

## Bild

Ingen bild/förvrängd bild

- Kontrollera att antennen är rätt ansluten till TV:n.
- Kontrollera att rätt enhet är vald som visningskälla.
- Se till att den externa enheten eller källan är ansluten på rätt sätt.

Ljud men ingen bild

- Kontrollera att bildinställningarna är korrekt inställda.

Dålig antennmottagning

- Kontrollera att antennen är rätt ansluten till TV:n.
- Högtalare, ljudenheter som inte jordats, neonbelysning, höga byggnader och andra stora objekt kan påverka mottagningen. Försök om möjligt att förbättra mottagningen genom att rikta antennen åt ett annat håll eller genom att flytta enheter bort från TV:n.
- Om mottagningen endast är dålig på en kanal kan du finjustera kanalen.

Dålig bild från en enhet

- Kontrollera att enheten sitter i som den ska.
- Kontrollera att bildinställningarna är korrekt inställda.

Bilden passar inte skärmen

Ändra till ett annat bildformat.

Bilden är felaktig

Bildsignaler från vissa enheter passar inte för skärmen. Kontrollera signalen som matas ut till den anslutna enheten.

Datorbilden är inte stabil

Se till att din dator använder en upplösning och uppdateringsfrekvens som kan användas.

## Ljud

Inget ljud eller förvrängt ljud

Om TV:n inte upptäcker någon ljudsignal stänger den automatiskt av ljudet. Detta är inte något tekniskt fel.

- Kontrollera att ljudinställningarna är korrekt inställda.
- Kontrollera att alla kablar är ordentligt anslutna.



- Kontrollera att ljudet inte är avstängt eller inställt på noll.
  - Se till att TV-ljudet är anslutet till ljudingången på hemmabiosystemet.
- Ljud ska höras från HTS-högtalarna.
- Vissa enheter kräver att du manuellt aktiverar HDMI-ljud. Om HDMI-ljud är redan aktiverat, men du fortfarande inte hör ljudet, kan du försöka ändra det digitala ljudformatet i enheten till PCM (Pulse Code Modulation). Mer anvisningar finns i dokumentationen som medföljer enheten.

---

## Anslutningar

### HDMI

- Observera att HDCP (High-bandwidth Digital Content Protection) kan fördröja den tid det tar för TV:n att visa innehåll från en HDMI-enhet.
- Om TV:n inte känner igen HDMI-enheten och ingen bild visas, stäng av källan från en enhet till en annan och tillbaka igen.
- Om det uppstår ojämna ljudstörningar ska du kontrollera att inställningarna för utgående signal från HDMI-enheten är korrekta.
- Om du använder en HDMI till DVI-adapter eller HDMI till DVI-kabel kontrollerar du att du anslutit en extra ljudkabel till AUDIO IN (endast miniuttag), om det är tillgängligt.

### EasyLink fungerar inte

- Se till att dina HDMI-enheter är HDMI-CEC-kompatibla. EasyLink-funktioner fungerar endast med enheter som är HDMI-CEC-kompatibla.

### Ingen volymsymbol visas

- När en HDMI-CEC-ljudenhet är ansluten är detta beteende normalt.

### Foton, videor och musik från en USB-enhet visas inte

- Kontrollera att USB-lagringsenheten är inställd för att vara kompatibel med masslagringsklass, enligt beskrivningen i dokumentationen för lagringsenheten.
- Kontrollera att USB-lagringsenheten är kompatibel med TV:n.
- Se till att ljud- och bildfilformat stöds av TV:n.

### Hackig uppspelning från USB-filer

- USB-enhetens överföringsprestanda kan eventuellt begränsa överföringshastigheten till TV:n, vilket leder till dålig uppspelningskvalitet.

---

## Wi-Fi, internet och Bluetooth

### Trådlöst nätverk hittades inte eller är förvrängt

- Mikrovågsugnar, DECT-telefoner och andra WiFi 802.11b/g/n/ac-enheter i närheten kan störa det trådlösa nätverket.
- Se till att brandväggarna i nätverket ger åtkomst till den trådlösa TV-anslutningen.
- Om det trådlösa nätverket inte fungerar ordentligt kan du försöka med den trådbundna nätverksinstallationen.

### Internet fungerar inte

- Om anslutningen till routern fungerar som den ska kontrollerar du anslutningen till internet.

### Dator- och internetanslutningen är långsam

- Leta i användarhandboken till den trådlösa routern för information om räckvidd inomhus, överföringshastighet och andra signalkvalitetsfaktorer.
- Använd en internetanslutning med hög hastighet (bredband) för routern.

### DHCP

- Om anslutningen inte upprättas kontrollerar du routerns DHCP-inställning (Dynamic Host Configuration Protocol). DHCP ska vara påslagen.

### Bluetooth tappade anslutningen

- Platser med mycket trådlös aktivitet (som lägenheter med många trådlösa routrar) kan störa den trådlösa anslutningen.

---

## Nätverk

### Trådlöst nätverk hittades inte eller är förvrängt

- Mikrovågsugnar, DECT-telefoner och andra WiFi 802.11b/g/n/ac-enheter i närheten kan störa det trådlösa nätverket.
- Se till att brandväggarna i nätverket ger åtkomst till den trådlösa TV-anslutningen.
- Om det trådlösa nätverket inte fungerar ordentligt kan du försöka med den trådbundna nätverksinstallationen.

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---

## Onlinehjälp

Om du får problem med din Philips-TV kan du besöka vår onlinesupport. Där kan du välja språk och ange produktmodellnummer.

Besök [www.philips.com/support](http://www.philips.com/support)

På supportwebbplatsen hittar du telefonnummer till supportpersonal i ditt land samt svar på de vanligaste frågorna. I vissa länder kan du chatta med vår personal och ställa frågor direkt eller via e-post. Du kan hämta ny TV-programvara eller handboken för att läsa den på datorn.

---

## Support och reparation

Om du behöver support och reparation kan du ringa kundtjänst i ditt land. Våra servicetekniker tar hand om reparationen, om det behövs.

Du hittar telefonnumret i den tryckta dokumentation som medföljde TV:n.

Du kan även vända dig till vår webbplats [www.philips.com/TVsupport](http://www.philips.com/TVsupport) och välja ditt land vid behov.

### TV:ns modell- och serienummer

Det kan hända att du ombeds att uppge TV:ns produktmodellnummer och serienummer. Dessa nummer hittar du på förpackningsetiketten eller på typplattan på TV:ns bak- eller undersida.

### **▲** Varning

Försök inte att reparera TV:n själv. Detta kan leda till allvarliga personskador eller svåra skador på TV:n samt att garantin upphör att gälla.

# Säkerhet och skötsel

## Säkerhet

### Viktigt

Läs och se till att du förstår alla säkerhetsinstruktioner innan du använder TV:n. Garantin gäller inte vid fel som uppkommit på grund av felaktig användning.

Ingen modifiering av denna utrustning utan tillstånd från tillverkaren.

### Risk för elektriska stötar eller brand

- Utsätt aldrig TV:n för regn eller vatten. Placera aldrig behållare med vätska, t.ex. vaser, i närheten av TV:n. Om vätska spills på TV:n ska du omedelbart koppla bort TV:n från elnätet. Kontakta Philips TV-kundtjänst för att kontrollera TV:n före användning.
- Utsätt aldrig TV:n, fjärrkontrollen eller batterierna för stark värme. Placera dem aldrig i närheten av tända ljus, öppen eld eller andra värmekällor, inklusive direkt solljus.
- För aldrig in föremål i ventilationshål eller andra öppningar på TV:n.
- Placera aldrig tunga föremål på nätkabeln.
- Undvik påfrestningar på stickkontaktarna. Lösa stickkontakter kan orsaka gnistbildning eller brand. Se till att inte nätkabeln belastas när du vrider på TV-skärmen.
- För att koppla bort TV:n från elnätet måste TV:ns stickkontakt dras ut. Se till att du alltid drar i kontakten och aldrig i kabeln när du kopplar bort strömmen. Se också till att stickkontakten, nätkabeln och vägguttaget alltid är fullt tillgängliga.

### Risk för personskada eller skada på TV-apparaten

- Det krävs två personer för att lyfta och bära en TV som väger över 25 kg.
- Om du monterar TV:n på ett stativ ska du endast använda det medföljande stativet. Sätt fast stativet ordentligt på TV:n. Ställ TV:n på en plan och jämn yta som bär upp TV:ns och stativets vikt.
- När TV:n monteras på väggen måste du se till att monteringen kan bära TV:ns vikt. TP Vision tar inte

ansvar för olyckor eller skador som inträffar till följd av felaktig väggmontering.

- Vissa delar av produkten är tillverkade av glas. Hantera dem med försiktighet så att personskada eller skada på TV:n undviks.

#### Risk för skada på TV:n!

Kontrollera att spänningen stämmer överens med värdet som anges på TV:ns baksida innan du ansluter den till elnätet. Anslut aldrig TV:n till elnätet om spänningen skiljer sig åt.

### Risk för att barn skadas

Följ dessa försiktighetsmått för att förhindra att TV:n ramlar omkull och skadar barn:

- Placera aldrig TV:n på en yta som är täckt av tyg eller annat material som kan dras undan.
- Se till att ingen del av TV:n sticker ut över placeringsytans kant.
- Placera aldrig TV:n på höga möbler, som t.ex. en bokhylla, utan att säkra både möbeln och TV:n i väggen eller vid annat lämpligt stöd.
- Förklara för barn att det är farligt att klättra på möbler för att nå upp till TV:n.

#### Risk för att svälja batterier!

Fjärrkontrollen kan innehålla batterier i myntformat som små barn lätt kan svälja. Se till att alltid förvara batterierna utom räckhåll för barn.

### Risk för överhettning

Placera aldrig TV:n i ett trångt utrymme. Lämna alltid ett utrymme om minst 10 cm runt TV:n för ventilation. Kontrollera att inte gardiner och andra objekt täcker TV:ns ventilationshål.

### Åskväder

Dra ur nätsladden och antennkabeln före åskväder. Rör aldrig delar på TV:n, nätsladden eller antennkabeln under åskväder.

### Risk för hörselskador

Undvik att använda hörlurar med hög volym eller under längre tidsperioder.

---

## Låga temperaturer

Om TV:n transporteras i temperaturer under 5 °C packar du upp den och låter den vila tills den uppnår rumstemperatur innan du ansluter den till elnätet.

---

## Fuktighet

I sällsynta fall, beroende på temperatur och fuktighet, kan lätt kondens förekomma på insidan av TV:ns framsida i glas (på vissa modeller). Undvik att utsätta TV:n för direkt solljus, värme eller extrem fuktighet för att förebygga detta. Om det uppstår kondens försvinner den automatiskt när TV:n har varit igång under några timmar.

Kondensen skadar inte TV:n och stör inte funktionen.

---

14.2

## Skötsel av bildskärmen

- Det är viktigt att du inte rör vid, trycker på, gnider på eller slår på skärmen med något föremål.
- Dra ur TV:ns nätsladd innan du rengör skärmen.
- Rengör TV:n och ramen med en mjuk, fuktig trasa. Använd aldrig ämnen som alkohol, kemikalier eller hushållsrengöringsmedel till att rengöra TV:n.
- Torka av vattendroppar så snabbt som möjligt för att undvika deformation och färgförändringar.
- Undvik stillbilder så mycket som möjligt. Stillbilder är bilder som finns kvar på skärmen en längre stund. Stillbilder är skärmmenyer, svarta fält, tidsuppgifter osv. Om det inte går att undvika stillbilder bör du minska skärmens kontrast och ljusstyrka för att förhindra skador på skärmen.

---

14.3

## Radiation Exposure Statement

Den här utrustningen överensstämmer med gränserna i CE-standarden för strålningsexponering för en okontrollerad miljö. Den här utrustningen ska installeras och användas med ett avstånd på minst 20 cm mellan radiatören och huvudenheten.

Frekvens, läge och maximal strömöverföring i EU anges nedan :

- 2400-2483.5MHz: < 20 dBm (EIRP)
- 5150-5250MHz: < 23 dBm (EIRP)
- 5250-5350MHz: < 23 dBm (EIRP)
- 5470-5725MHz: < 27 dBm (EIRP)
- 5725-5825MHz: < 13.98 dBm (EIRP)

# Användningsvillkor

## 15.1

### Användningsvillkor – TV

2019 © TP Vision Europe B.V. Med ensamrätt.

Den här produkten introducerades på marknaden av TP Vision Europe B.V. eller något av dess partnerbolag, hädanefter kallade TP Vision, som är tillverkare av produkten. TP Vision är garanterad i förhållande till TV:n som detta häfte medföljde. Philips och Philips sköldemblem är registrerade varumärken som tillhör Koninklijke Philips N. V.

Specifikationerna kan ändras utan föregående meddelande. Varumärkena tillhör Koninklijke Philips N.V. eller respektive ägare. TP Vision förbehåller sig rätten att när som helst ändra produkter utan att tidigare material behöver justeras.

Det skriftliga materialet som medföljer TV:n och handboken som finns lagrad i TV:ns minne eller som går att ladda ned från Philips webbplats [www.philips.com/support](http://www.philips.com/support) anses lämpliga för avsedd användning av systemet.

Innehållet i den här handboken anses lämpligt för avsedd användning av systemet. Om produkten eller dess enskilda moduler eller procedurer används för andra ändamål än de som anges här, måste deras giltighet och lämplighet erhållas. TP Vision garanterar att själva materialet inte bryter mot något amerikanskt patent. Ingen annan garanti är uttryckt eller underförstådd. TP Vision ansvarar inte heller för eventuella felaktigheter i innehållet i detta dokument och inte heller för eventuella problem till följd av innehållet i detta dokument. Fel som rapporteras till Philips kommer att anpassas och publiceras på Philips supportwebbplats så snart som möjligt.

**Garantivillkor – Risk för personskada, skada på TV:n eller att garantin upphör gälla!**  
Försök aldrig reparera TV:n själv. Använd endast TV:n och tillbehören som tillverkaren avsett.  
Varningsskylten på baksidan av TV:n indikerar risk för elektriska stötar. Ta aldrig bort TV:ns hölje. Kontakta alltid Philips TV-kundtjänst för service eller reparationer. Du hittar telefonnumret i den tryckta dokumentation som medföljde TV:n. Du kan gå till vår webbplats på [www.philips.com/support](http://www.philips.com/support) och välja ditt land vid behov. Vid användning som förbjuds enligt den här användarhandboken, eller vid ändringar eller monteringsprocedurer som inte rekommenderas eller godkänns enligt den här användarhandboken, skall upphäva garantin.

#### Pixelegenskaper

Denna TV-produkt har ett högt antal färgpixlar. Även om produkten har 99,999 % eller fler effektiva pixlar

kan svarta punkter eller starka ljusskällor (rött, grönt eller blått) visas kontinuerligt på skärmen. Detta är en strukturegenskap för skärmen (enligt vanlig branschstandard) och är inte något tekniskt fel.

#### CE–efterlevnad

Härmed förklarar TP Vision Europe B.V. att den här TV-apparaten uppfyller de grundläggande kraven och andra relevanta bestämmelser i direktiven 2014/53/EU (RED), 2009/125/EC (miljödesign) och 2011/65/EU (RoHS).

#### EMF–efterlevnad

TP Vision tillverkar och säljer många produkter riktade till konsumenter, som liksom andra elektroniska apparater i allmänhet kan sända och ta emot elektromagnetiska signaler. En av TP Visions ledande affärsprinciper är att vidta alla nödvändiga hälso- och säkerhetsåtgärder för våra produkter, att uppfylla alla tillämpliga rättsliga krav och hålla oss inom de standarder för elektromagnetiska fält (EMF) som gäller när produkten tillverkas.

TP Vision arbetar för att utveckla, tillverka och marknadsföra produkter som inte orsakar hälsorisker. TP Vision bekräftar att, så länge som dess produkter hanteras korrekt för deras avsedda användning, är de säkra att använda enligt de vetenskapliga belegg som finns i dagsläget. TP Vision spelar en aktiv roll i utvecklingen av internationella EMF- och säkerhetsstandarder. Det gör att TP Vision kan förutse vidare utveckling inom standardisering och tidig integrera detta i våra produkter.

## Copyrights

### MHL

#### MHL

MHL, Mobile High-Definition Link och MHL-logotypen är varumärken eller registrerade varumärken som tillhör MHL, LLC.



### HDMI

#### HDMI

Termerna HDMI och HDMI High-Definition Multimedia Interface, samt HDMI-logotypen är varumärken eller registrerade varumärken som tillhör HDMI Licensing LLC i USA och andra länder.



### Dolby-ljud

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### DTS-HD Premium Sound™

#### DTS-HD Premium Sound™

För DTS-patent se <http://patents.dts.com>. Tillverkat med licens från DTS Licensing Limited. DTS, symbolen och DTS och symbolen tillsammans är registrerade varumärken och DTS Premium Sound är ett varumärke som tillhör DTS, Inc. © DTS, Inc. Med ensamrätt.



### Wi-Fi Alliance

#### Trådlöst nätverk

Wi-Fi®, logotypen Wi-Fi CERTIFIED och Wi-Fi-logotypen är registrerade varumärken som tillhör Wi-Fi Alliance.



### Kensington

#### Kensington

(om tillgänglig)

Kensington och Micro Saver är varumärken som registrerats i USA och tillhör ACCO World Corporation med utfärdade registreringar och pågående ansökningar i andra länder runt om i världen.



## Andra varumärken

Alla andra registrerade och oregistrerade varumärken tillhör respektive ägare.

# Friskrivning angående tjänster och/eller programvara som erbjuds av tredje part

Tjänster och/eller programvara som erbjuds av tredje parter kan ändras, upphävas eller avslutas utan föregående meddelande. TP Vision tar inget ansvar vid om sådana situationer uppstår.



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## Contact information

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