

# Vejledning

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

**PHILIPS**

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# TV-rundtur

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## Professionel tilstand

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### Hvad du kan gøre

Når Professionel tilstand er aktiveret, har du adgang til et stort antal ekspertindstillinger, som giver avanceret betjening af TV'ets tilstand eller tilføjer yderligere funktioner.

Denne tilstand er beregnet til installationer af TV'er på steder som hoteller, krydstogtskibe, stadioner eller andre former for professionelle miljøer, hvor en sådan kontrol er påkrævet.

Hvis du bruger TV'et derhjemme, anbefales det at bruge det med Professionel tilstand deaktiveret.

Se Professionel-installationsvejledning for yderligere oplysninger.

# Opsætning

## 2.1

### Læs om sikkerhed

Læs sikkerhedsanvisningerne, før du anvender TV'et.

## 2.2

### TV-stander og vægmontering

#### TV-stander

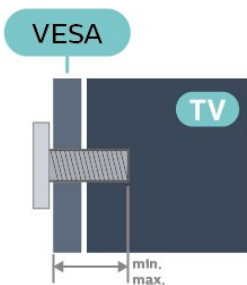
Du finder anvisningerne til montering af TV-standeren i den medfølgende Lynhåndbog. Har du mistet denne vejledning, kan du downloade den fra [www.philips.com](http://www.philips.com).

Brug produkttypenummeret på TV'et til at søge efter og downloade Lynhåndbogen.

#### Vægmontering

TV'et er også forberedt til et VESA-kompatibelt vægbeslag (sælges separat).

Brug følgende VESA-kode ved køb af vægbeslaget. . .



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

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

VESA MIS-F 200x200, M6 (min.: 12 mm, maks.: 15 mm)

• 50HFL5014

VESA MIS-F 200x200, M6 (min.: 10mm, maks.: 16mm)

#### Forberedelse

Fjern først de 4 plastskruer fra gevindbøsningerne bag på TV'et (for 5014 43" og 6014U).

Kontroller, at metalskruerne til montering af TV'et på det VESA-kompatible beslag går ca. 10 mm ind i gevindbøsningerne på TV'et.

#### Forsigtig

Vægmontering af TV'et kræver særlig ekspertise og bør kun udføres af kvalificerede fagfolk.

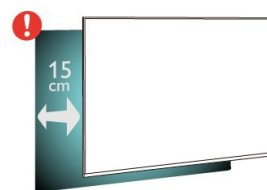
Vægmonteringen til TV'et skal overholde sikkerhedskravene i forhold til TV'ets vægt. Læs også sikkerhedsforskrifterne, før du placerer TV'et.

TP Vision Europe B.V. påtager sig intet ansvar for forkert montering eller montering, der resulterer i en ulykke eller personskaade.

## 2.3

### Tip om placering

- Placer TV'et et sted, hvor der ikke falder lys direkte på skærmen.
- Den ideelle synsafstand til TV'et er 3 gange skærmens diagonale længde. Når du sidder ned, bør dine øjne befinde sig ud for midten af skærmen.
- Hvis du vil vægmontere TV'et, skal det placeres højest 15 cm fra væggen.

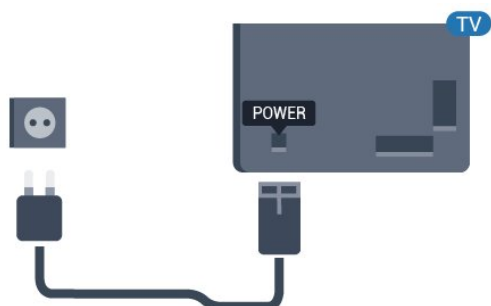


#### Bemærk:

Undgå, at TV'et kommer i kontakt med støvproducerende kilder, som f.eks. ovne. Det anbefales at fjerne støv regelmæssigt for at undgå, at der kommer støv ind i TV'et.

## Strømkabel

- Sæt strømkablet i stikket **POWER** bag på TV'et.
- Kontroller, at strømkablet er sat korrekt i stikket.
- Kontroller, at stikket i stikkontakten hele tiden er tilgængeligt.
- Når du tager ledningen ud, skal du altid holde i stikket, aldrig i ledningen.

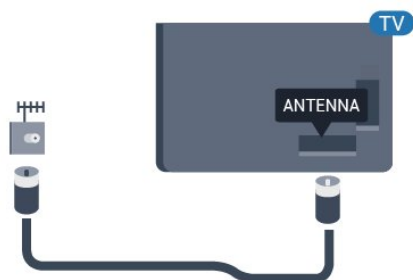


## Antennekabel

Tilslut antennestikket til **Antennetilslutningen** bag på TV'et, og kontrollér, at det sidder korrekt.

Du kan tilslutte din egen antenne eller et antennesignal fra en antenneforening. Brug et IEC koaksialt 75 Ohm RF-antennestik.

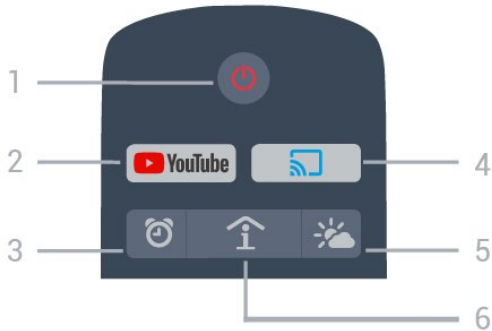
Brug denne antennetilslutning til DVB-T- og DVB-C-indgangssignaler.



# Fjernbetjening

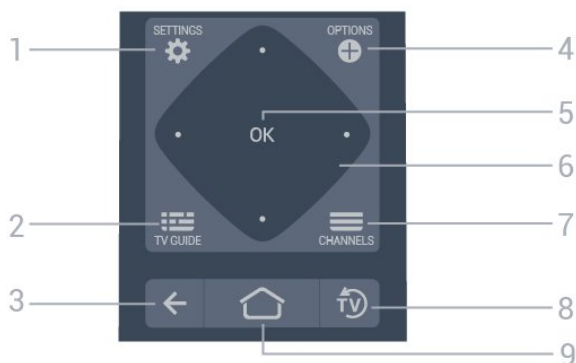
## Tastoversigt

### Top



- 1 - Standby / Til  
Tænder TV'et, eller sætter det på standby.
- 2 - Youtube  
Åbner Youtube.
- 3 - Alarm (kun når Professionel tilstand er aktiveret)  
Indstiller alarmen.
- 4 - Google Cast (kun når Professionel tilstand er aktiveret)  
Spejler indholdet af skærmen på din mobile enhed på TV'et.
- 5 - Vejr (kun når Professionel tilstand er aktiveret)  
Viser vejrudsigten for din placering.
- 6 - SMART INFO (kun når Professionel tilstand er aktiveret)  
Viser oplysninger fra hotellet.

### Mellem



- 1 - SETTINGS  
Åbner indstillingsmenuen.
- 2 - TV GUIDE  
Åbner en oversigt over aktuelle og planlagte Tv-programmer for dine kanaler.
- 3 - BACK  
• Skifter tilbage til den forrige kanal, du valgte.  
• Vender tilbage til forrige menu.
- 4 - OPTIONS  
Åbner eller lukker menuen med indstillinger.
- 5 - OK-tast  
Bekræfter et valg eller en indstilling.
- 6 - Pile-/navigationstaster  
Navigerer op , ned , mod venstre eller højre .
- 7 - Kanal  
Skifter til den næste eller forrige kanal på kanallisten.
- 8 - EXIT  
Skifter tilbage til at se TV.
- 9 - Home  
Åbner startmenuen.

### Nederst



- 1 - Lydstyrke  
Regulerer lydstyrken.
- 2 - Farvetaster  
Direkte valg af indstillinger.
- 3 - CLOCK  
Viser uret.
- 4 - Kanal  
Skifter til den næste eller forrige kanal på kanallisten.
- 5 - Lydløs  
Slår lyden til eller fra.

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## IR-sensor

TV'et kan modtage kommandoer fra en fjernbetjening, som bruger IR (infrarød) til at sende kommandoer. Hvis du bruger denne type fjernbetjening, skal du altid pege med fjernbetjeningen på den infrarøde sensor på forsiden af TV'et.

### ▲ Advarsel

Undgå at stille genstande foran TV'ets infrarøde sensor, da det kan blokere det infrarøde signal.

## Batterier

Hvis TV'et ikke reagerer på et tastetryk på fjernbetjeningen, er batterierne måske løbet tør for strøm.

For at udskifte batterierne skal du åbne batterirummet på fjernbetjeningens tastaturside.

1 - Skyd batteridøren i pilens retning.

2 - Udskift de gamle batterier med 2 type AAA-R03-1,5 V-batterier. Sørg for, at batteriernes + og - poler er placeret korrekt.

3 - Sæt batteridækslet tilbage på plads, og skyd det tilbage, indtil det klikker på plads.

• Fjern batterierne, hvis du ikke bruger fjernbetjeningen i lang tid.

• Bortskaf de gamle batterier i overensstemmelse med reglerne for bortskaffelse.

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## Rengøring

Din fjernbetjening er behandlet med en belægning, der kan modstå ridser.

Rengør fjernbetjeningen med en blød, fugtig klud. Brug aldrig stoffer som sprit, kemikalier eller husholdningsprodukter på fjernbetjeningen.



# Tænd/sluk

## 4.1


### Tændt eller Standby

Kontroller, at TV'et er tilsluttet lysnettet. Tilslut det medfølgende strøm kabel til AC-indgangsstikket på bagsiden af TV'et. Indikatorlampen i bunden af TV'et lyser.

#### Tænd

Tryk på  på fjernbetjeningen for at tænde for TV'et. Du kan også trykke på  Hjem. Du kan også trykke på den lille joystickknap på bagsiden af TV'et for at tænde for TV'et, eller hvis du ikke kan finde fjernbetjeningen, eller dens batterier er tomme.

#### Skifte til standby

Du kan sætte TV'et på standby ved at trykke på  på fjernbetjeningen. Du kan også trykke på den lille joystickknap på bagsiden af TV'et.



TV'et er stadig tilsluttet lysnettet i standbytilstand, men det bruger kun ganske lidt strøm.





Sluk helt for TV'et ved at tage strømstikket ud. Når du tager strømstikket ud, skal du altid trække i stikket, aldrig i ledningen. Sørg for, at du til enhver tid har nem adgang til strømstik, strømkabel og stikkontakt.

## 4.2

### Knapper på TV

Hvis du har mistet fjernbetjeningen, eller dens batteri er fladt, kan du stadig betjene grundlæggende TV-funktioner.

Sådan åbner du grundmenuen...

- 1 - Når TV'et er tændt, skal du trykke på joystickknappen bag på TV'et for at hente grundmenuen frem.
- 2 - Tryk venstre eller højre for at vælge  Lydstyrke,  Kanal eller  Kilder. Vælg  Demo for at starte en demofilm.
- 3 - Tryk op eller ned for at regulere lydstyrken eller finde næste eller forrige kanal. Tryk op eller ned for at gennemgå listen over kilder, herunder valg af tuner. Tryk på joystickknappen for at starte demofilmen.
- 4 - Menuen forsvinder automatisk.

Sæt TV'et på standby, vælg , og tryk på joystickknappen.





# Specifikationer

## 5.1

### Miljø

#### European Energy Label

European Energy Label informerer dig om dette produkts energieffektivitetsklasse. Jo grønnere energieffektivitetsklassen for dette produkt er, jo mindre energi bruger det.

På mærkaten finder du energieffektivitetsklassen, det gennemsnitlige strømforbrug ved brug af produktet og det gennemsnitlige energiforbrug i 1 år. Du kan også finde strømforbruget for dette produkt på Philips' websted for dit land på [www.philips.com/TV](http://www.philips.com/TV)

#### Produktoplysninger

##### 43HFL6014U

- Energieffektivitetsklasse: A
- Synlig skærmstørrelse: 108 cm / 43 tommer
- Strømforbrug når tændt (W): 67 W
- Årligt energiforbrug (kWh) \*: 98 kWh
- Strømforbrug i standby (W) \*\*: 0,3 W
- Skærmopløsning (pixel): 3840 x 2160p

##### 50HFL6014U

- Energieffektivitetsklasse: A+
- Synlig skærmstørrelse: 126 cm / 50 tommer
- Strømforbrug når tændt (W): 70 W
- Årligt energiforbrug (kWh) \*: 103 kWh
- Strømforbrug i standby (W) \*\*: 0,3 W
- Skærmopløsning (pixel): 3840 x 2160p

##### 55HFL6014U

- Energieffektivitetsklasse: A+
- Synlig skærmstørrelse: 139 cm / 55 tommer
- Strømforbrug når tændt (W): 84 W
- Årligt energiforbrug (kWh) \*: 123 kWh
- Strømforbrug i standby (W) \*\*: 0,3 W
- Skærmopløsning (pixel): 3840 x 2160p

##### 65HFL6014U

- Energieffektivitetsklasse: A+
- Synlig skærmstørrelse: 164 cm / 65 tommer
- Strømforbrug når tændt (W): 105 W
- Årligt energiforbrug (kWh) \*: 154 kWh
- Strømforbrug i standby (W) \*\*: 0,3 W
- Skærmopløsning (pixel): 3840 x 2160p

##### 32HFL5014

- Energieffektivitetsklasse: A+
- Synlig skærmstørrelse: 80 cm / 32 tommer
- Strømforbrug når tændt (W): 29 W
- Årligt energiforbrug (kWh) \*: 43 kWh
- Strømforbrug i standby (W) \*\*: 0,35 W

- Skærmopløsning (pixel): 1920 x 1080

##### 43HFL5014

- Energieffektivitetsklasse: A+
- Synlig skærmstørrelse: 108 cm / 43 tommer
- Strømforbrug når tændt (W): 48 W
- Årligt energiforbrug (kWh) \*: 71 kWh
- Strømforbrug i standby (W) \*\*: 0,3 W
- Skærmopløsning (pixel): 1920 x 1080

##### 50HFL5014

- Energieffektivitetsklasse: A++
- Synlig skærmstørrelse: 126 cm / 50 tommer
- Strømforbrug når tændt (W): 49 W
- Årligt energiforbrug (kWh) \*: 72 kWh
- Strømforbrug i standby (W) \*\*: 0,3 W
- Skærmopløsning (pixel): 1920 x 1080

\* Energiforbrug i kWh pr. år er baseret på strømforbruget for et TV, der er tændt 4 timer om dagen i 365 dage. Det faktiske energiforbrug afhænger af, hvordan TV'et anvendes.

\*\* Når TV'et er slukket med fjernbetjeningen, og ingen funktioner er aktive.

#### Bortskaffelse

##### Bortskaffelse af udtjente produkter og batterier

Dit produkt er udviklet og fremstillet i materialer og komponenter af høj kvalitet, som kan genbruges.



Når et produkt er forsynet med dette symbol med en overkrydset affaldsspand på hjul, betyder det, at produktet er omfattet af EU-direktiv 2012/19/EU.



Forhør dig på den lokale genbrugsstation for elektriske og elektroniske produkter.

Dine gamle produkter skal bortskaffes i overensstemmelse med den lokale lovgivning og ikke sammen med almindeligt husholdningsaffald. Korrekt bortskaffelse af udtjente produkter er med til at forhindre negativ påvirkning af miljø og mennesker.

Dit produkt indeholder batterier, som er omfattet af EU-direktivet 2006/66/EC, og som ikke må bortskaffes sammen med almindeligt husholdningsaffald.



Undersøg lokale regulativer vedr. separat indsamling af batterier, eftersom korrekt bortskaffelse af batterier er med til at forhindre negativ påvirkning af miljø og mennesker.

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5.2

## Strøm

Produktspecifikationerne kan ændres uden varsel. Du kan finde flere oplysninger om produktet på [www.philips.com/support](http://www.philips.com/support)

### Strøm

- Strømsstik: AC 220–240 V +/-10 %
- Omgivende temperatur : 5°C til 35°C
- Strømbesparende funktioner : Eco-tilstand, Slukning af billede (ved radiolytning), Timer med automatisk slukning, Eco-indstillingsmenu.

Du kan finde oplysninger om strømforbrug i afsnittet **Produktoplysninger**.

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5.3

## Operativsystem

Android-operativsystem:

Android Nougat 7

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5.4

## Modtagelse

- Antenneindgang: 75 ohm koaksial (IEC75)
- Tunerbånd: Hyperband, S-kanal, UHF, VHF
- DVB: DVB-T2, DVB-C (kabel) QAM
- Analog videoafspilning: SECAM, PAL
- Digital videoafspilning: MPEG2 SD/HD (ISO/IEC 13818-2), MPEG4 SD/HD (ISO/IEC 14496-10), HEVC\*
- Digital lydafspilning (ISO/IEC 13818-3)
- Indgangsfrekvensområde : 950 til 2150 MHz
- Inputniveauområde : 25 til 65 dBm

\* Kun til DVB-T2

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5.5

## Skærmtype (6014U)

### Diagonal skærmstørrelse

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

### Skærmopløsning

- 3840 x 2160

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5.6

## Skærmtype (5014)

### Diagonal skærmstørrelse

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

### Skærmopløsning

- 1920 x 1080

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5.7

## Skærmens indgangsopløsning (6014U)

### Videoformater

Opløsning - opdateringshastighed

- 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

### Computer-formater

Opløsninger (blandt andet)

- 640 x 480 - 60 Hz
- 800 x 600 - 60 Hz
- 1024 x 768 - 60 Hz
- 1280 x 768 - 60 Hz
- 1360 x 768 - 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

## Skærmens indgangsopløsning(5014)

### Videoformater

Opløsning - opdateringshastighed

- 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

### Computer-formater

## Opløsninger (blandt andet)

- 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

## Tilslutningsmuligheder (6014U)

### TV'ets sider

- Fælles interface-stik: CI+/CAM
- USB 1 – USB 2.0
- USB 2 – USB 3.0
- Hovedtelefoner – 3,5 mm stereo-mini-jackstik
- HDMI 1 indgang – ARC – MHL – Ultra HD
- HDMI 2 indgang – ARC – Ultra HD

### I bunden af TV'et

- Lyd i VGA
- LAN-netværk – RJ45
- HDMI 3-indgang – ARC
- Antenne (75 ohm)
- USB 3 – USB 2.0
- Lydudgang – optisk Toslink
- VGA

### Bag på TV'et

- 12 V DC udgang
- 8  $\Omega$  Lydudgang
- DATA (RJ-48)

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### 5.10

## Tilslutningsmuligheder (5014)

### TV'ets sider

- Fælles interface-stik: CI+/CAM
- USB 1 – USB 3.0
- Hovedtelefoner – 3,5 mm stereo-mini-jackstik
- HDMI 1-indgang – ARC – MHL

### Bag på TV'et

- LAN-netværk – RJ45
- HDMI 2-indgang – ARC
- Antenne (75 ohm)
- USB 2 – USB 2.0
- Lydudgang – optisk Toslink
- 12 V DC udgang
- 8  $\Omega$  Lydudgang
- DATA (RJ-48)

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### 5.11

## Dimensioner og vægt

### 43HFL6014U

- uden TV-fod:  
Bredde 971,3 mm – Højde 563,53 mm – Dybde 77,3 mm – Vægt ± 8,92 kg

- med TV-fod:  
Bredde 971,3 mm – Højde 628,61 mm – Dybde 205 mm – Vægt ± 11,37 kg

### 50HFL6014U

- uden TV-fod:  
Bredde 1128,4 mm – Højde 653 mm – Dybde 78,2 mm – Vægt ± 13,11 kg

- med TV-fod:  
Bredde 1128,4 mm – Højde 715,43 mm – Dybde 225 mm – Vægt ± 15,93 kg

### 55HFL6014U

- uden TV-fod:  
Bredde 1244,2 mm – Højde 719 mm – Dybde 78,4 mm – Vægt ± 18,44 kg

- med TV-fod:  
Bredde 1244,2 mm – Højde 783,9 mm – Dybde 225,2 mm – Vægt ± 21,29 kg

### 65HFL6014U

- uden TV-fod:  
Bredde 1462,3 mm – Højde 844,7 mm – Dybde 87,5 mm – Vægt ± 24,45 kg

- med TV-fod:  
Bredde 1462,3 mm – Højde 905,75 mm – Dybde 279,1 mm – Vægt ± 25,2 kg

### 32HFL5014

- uden TV-fod:  
Bredde 731,8 mm – Højde 435,31 mm – Dybde 77,3 mm – Vægt ± 4,61 kg

- med TV-fod:  
Bredde 731,8 mm – Højde 494,14 mm – Dybde 179,31 mm – Vægt ± 4,68 kg

### 43HFL5014

- uden TV-fod:  
Bredde 969,6 mm – Højde 565,6 mm – Dybde 80,5 mm – Vægt ± 7,19 kg

- med TV-fod:  
Bredde 969,6 mm – Højde 624,2 mm – Dybde 194 mm – Vægt ± 7,27 kg

### 50HFL5014

- uden TV-fod:  
Bredde 1127,6 mm – Højde 655,3 mm – Dybde 85,9 mm – Vægt ± 11,25 kg

- med TV-fod:  
Bredde 1127,6 mm – Højde 714,8 mm – Dybde 218,9 mm – Vægt ± 11,61 kg

## Lyd

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

# Tilslut enheder

## Tilslut enheder

### Tilslutningsvejledning

Slut altid en enhed til TV'et med tilslutningen med den bedste tilgængelige kvalitet. Brug også kabler af god kvalitet, så du kan sikre en god overførsel af billede og lyd.

Når du tilslutter en enhed, genkender TV'et dens type og giver hver enhed et korrekt typenavn. Du kan ændre typenavnet efter behov. Hvis et korrekt typenavn er indstillet for en enhed, skifter TV'et automatisk over til de mest ideelle TV-indstillinger, når du skifter over til enheden i kildemenuen.


### Antennestik




Har du en set-top-boks (en digital modtager) eller optager, skal du tilslutte antennekablerne, således at antennesignalet går gennem set-top-boksen og/eller optageren, før det når TV'et. På den måde kan antennen og set-top-boksen sende ekstra kanaler, som optageren kan optage.



### HDMI-porte

#### Betjening af enheder


Hvis du vil betjene en enhed, der er sluttet til HDMI og konfigureret med EasyLink, skal du vælge enheden - eller dens aktivitet - på listen over TV-tilslutninger.

Professionel tilstand deaktiveret – Tryk på  **Hjem**, vælg  **Apps**, vælg  **SOURCES**. Vælg en enhed, som er sluttet til en HDMI-tilslutning, og tryk på **OK**.

Professionel tilstand aktiveret – Tryk på  **Hjem**, vælg  **TV-kanaler**, og vælg  **Kilder**. Vælg en enhed, som er sluttet til en HDMI-tilslutning, og tryk på **OK**.

Når enheden er valgt, kan TV-fjernbetjeningen styre enheden. Men tasterne  **Hjem** og  **OPTIONS** og nogle andre TV-taster videresendes imidlertid ikke til enheden.

Hvis den tast, du skal bruge, ikke findes på TV-fjernbetjeningen, kan du vælge tasten i menuen **Indstillinger**.

Tryk på  **OPTIONS**, og vælg **Betjeningslementer** i menulinjen. Vælg den enhedstast, du har brug for, på skærmen, og tryk på **OK**.

Visse meget specifikke enhedstaster er muligvis ikke tilgængelige i menuen **Betjeningslementer**.

Bemærk: Kun enheder, der understøtter **EasyLink-fjernbetjeningsfunktionen**, vil reagere på TV-fjernbetjeningen.

#### HDMI-kvalitet

En HDMI-forbindelse har den bedste billed- og lyd kvalitet. Et HDMI-kabel kombinerer video- og lyd signaler. Brug et HDMI-kabel til TV-signal.

For at få den bedste signaloverførsel skal du bruge et højhastigheds-HDMI-kabel og ikke bruge et HDMI-kabel, der er længere end 5 m.



#### Kopibeskyttelse

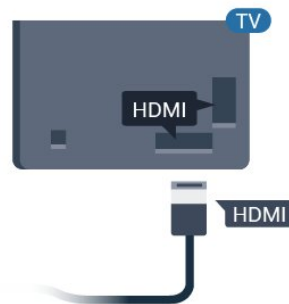
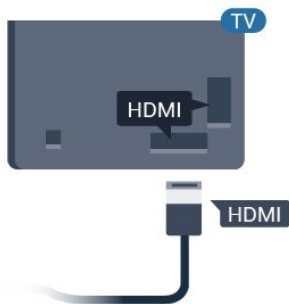
HDMI-kabler understøtter HDCP (High-bandwidth Digital Content Protection). HDCP er et kopibeskyttelsessignal, der forhindrer kopiering af indhold fra en DVD eller Blu-ray-disk. Løsningen kaldes også DRM (Digital Rights Management).

#### HDMI ARC

Alle HDMI-tilslutningerne på TV'et har **HDMI ARC** (Audio Return Channel – lydreturkanal).

Hvis enheden, typisk et HTS (hjemmebiografssystem), også har HDMI ARC-tilslutning, skal du slutte den til en af HDMI-tilslutningerne på TV'et. Med HDMI ARC-tilslutningen behøver du ikke at tilslutte det ekstra lyd kabel, som sender TV-billedets lyd til HTS. HDMI ARC-tilslutningen kombinerer begge signaler.

Du kan bruge alle HDMI-tilslutningerne på TV'et til at tilslutte HTS, men ARC er kun tilgængelig for 1 enhed/tilslutning ad gangen.



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## HDMI MHL

Med HDMI MHL kan du sende, hvad du ser på din Android-smartphone eller tablet til en TV-skærm.

HDMI 1-forbindelsen på dette TV indeholder MHL 2.0 (Mobile High-Definition Link).

Denne kabelforbindelse giver fremragende stabilitet og båndbredde, begrænset forsinkelse, ingen trådløs interferens og god lydgenngivelse. Desuden vil MHL-forbindelsen oplade batteriet til din smartphone eller tablet. Selv om din mobile enhed er tilsluttet, oplades den ikke, hvis TV'et er på standby.

Undersøg, hvilket passivt MHL-kabel passer til din mobile enhed. Især, i forhold til HDMI-stikket til TV'et på den ene side, hvilken type stik du skal bruge til at oprette forbindelse til din smartphone eller tablet.

MHL, Mobile High-Definition Link og MHL-logoet er varemærker eller registrerede varemærker tilhørende MHL, LLC.



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## HDMI CEC – EasyLink

En HDMI-forbindelse har den bedste billed- og lyd kvalitet. Et HDMI-kabel kombinerer video- og lyd signaler. Brug et HDMI-kabel til High Definition (HD) TV-signaler. For at få den bedste signaloverførsel skal du bruge et højhastigheds-HDMI-kabel og ikke bruge et HDMI-kabel, der er længere end 5 m.

Ved at slutte HDMI CEC-kompatible enheder til TV'et kan du betjene det med TV-fjernbetjeningen.

EasyLink HDMI CEC skal være aktiveret på TV'et og den tilsluttede enhed.

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## Bemærk:

- EasyLink fungerer muligvis ikke sammen med enheder fra andre producenter.
- HDMI CEC-funktionaliteten har forskellige navne hos forskellige producenter. Eksempler: Anynet, Aquos Link, Bravia Theatre Sync, Kuro Link, Simplink og Viera Link. Ikke alle fabrikater er fuldt kompatible med EasyLink. Eksemplerne på HDMI CEC-varemærker tilhører de respektive ejere.

---

## EasyLink til eller fra

Du kan slå EasyLink til eller fra. TV'et leveres med EasyLink-indstillingerne slået til.

Sådan slås EasyLink helt fra...

Professionel tilstand deaktiveret – Tryk på Hjem. Tryk på (ned), vælg Indstillinger, og tryk på OK.

Vælg Kilder > EasyLink, og tryk på OK.

Vælg EasyLink, og tryk på OK.

Vælg Fra, og tryk på OK.

Tryk om nødvendigt gentagne gange på BACK, for at lukke menuen.

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Professionel tilstand aktiveret – Se installationsvejledningen.

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## EasyLink-fjernbetjening

Hvis du vil have enhederne til at kommunikere uden at betjene dem via fjernbetjeningen til TV'et, kan du slå EasyLink-fjernbetjeningen fra separat.

Gør følgende for at slå EasyLink-fjernbetjeningen til eller fra...

Professionel tilstand deaktiveret – Tryk på Hjem. Tryk på (ned), vælg Indstillinger, og tryk på OK.

Vælg Kilder > EasyLink, og tryk på OK .

Vælg EasyLink-fjernbetjening , og tryk på OK .

Vælg Til eller Fra, og tryk på OK.

Tryk om nødvendigt gentagne gange på ← BACK, for at lukke menuen.

Professionel tilstand aktiveret – Se installationsvejledningen.

6.2

## CAM med smartkort – CI+

### CI+

Dette TV er klar til CI+ Conditional Access.

Med CI+ kan du se premium-HD-programmer, f.eks. film og sport, som udbydes af digital-TV-udbydere i din region. Disse programmer er kodet af TV-operatøren og skal afkodes med et forudbetalt CI+-modul.

Udbydere af digital-TV leverer et CI+-modul (Conditional Access Module - CAM) og et medfølgende smartkort, når du abonnerer på deres premium-programmer. Disse programmer har et højt niveau af kopibeskyttelse.

Kontakt en udbyder af digital-TV for at få flere oplysninger om vilkår og betingelser.



### Smartkort

Udbydere af digital-TV leverer et CI+-modul (Conditional Access Module - CAM) og et medfølgende smartkort, når du abonnerer på deres premium-programmer.

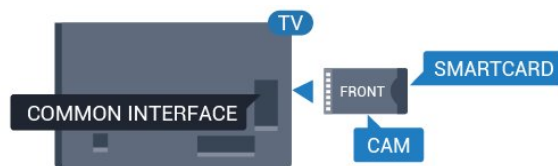
Sæt smartkortet i CAM-modulet. Se vejledningen, du har modtaget fra udbyderen.

Sådan sættes CAM-modulet i TV'et...

1 - Se CAM-kortet for at få oplysninger om den korrekte isætningsmetode. Ukorrekt isætning kan beskadige CAM-modulet og TV'et.

2 - Når du ser bag på TV'et, og forsiden af CAM-modulet vender ind imod dig selv, skal du forsigtigt sætte det i stikket **COMMON INTERFACE**.

3 - Skub CAM-modulet helt ind. Lad det sidde permanent i stikket.



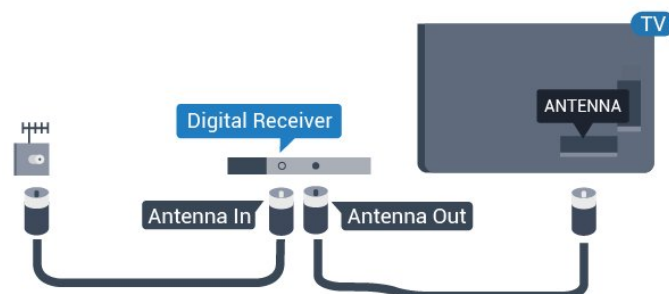
Når du tænder for TV'et, kan det tage nogle få minutter, før CAM-modulet aktiveres. Hvis et CAM-modul indsættes, og abonnementet er betalt (abonnementsmetoderne kan variere), kan du se kodede kanaler, der understøttes af CAM-smartkortet.

CAM-modul og smartkort er udelukkende til dit TV. Hvis du tager CAM-modulet ud, vil du ikke længere kunne se kodede kanaler, der understøttes af CAM-modulet.

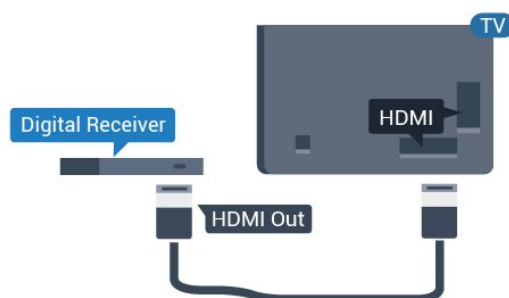
6.3

## Modtager – set-top-boks

Brug 2 antennekabler til at slutte antennen til set-top-boksen (en digital modtager) og TV'et.



Ud over antenneforbindelserne tilføjes et HDMI-kabel for tilslutning af set-top-boksen til TV'et.



6.4

## Home Theatre System - HTS

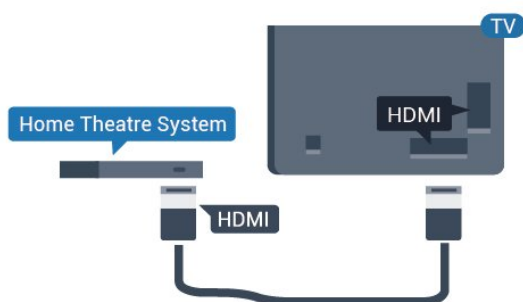
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## Opret forbindelse med HDMI ARC

Brug et HDMI-kabel for tilslutning af et hjemmebiografssystem til TV'et. Du kan tilslutte en Philips Soundbar eller et hjemmebiografssystem med en indbygget diskafspiller.

### HDMI ARC

Hvis dit hjemmebiografssystem har en HDMI ARC-tilslutning, kan du tilslutte den via en vilkårlig HDMI-tilslutning på TV'et. Med HDMI ARC behøver du ikke tilslutte det ekstra lyd-kabel. HDMI ARC-tilslutningen kombinerer begge signaler. Alle HDMI-tilslutninger på TV'et kan give ARC-signal (Audio Return Channel). Men når først du har tilsluttet hjemmebiografssystemet, kan TV'et kun sende ARC-signalet til denne HDMI-tilslutning.



### Audio- og videosynkronisering (synk)

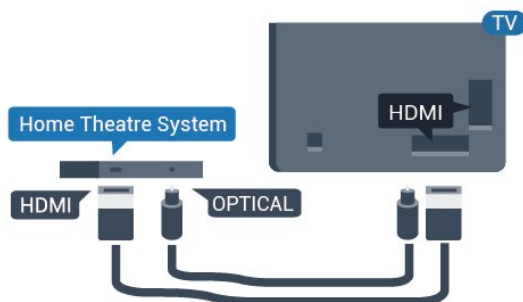
Hvis lyden ikke passer til billedet på skærmen, kan du angive en forsinkelse på de fleste hjemmebiografssystemer med en diskafspiller, så lyd og billede kommer til at passe sammen.

---

## Opret forbindelse med HDMI

Brug et HDMI-kabel for tilslutning af et hjemmebiografssystem til TV'et. Du kan tilslutte en Philips Soundbar eller et hjemmebiografssystem med en indbygget diskafspiller.

Hvis hjemmebiografssystemet ikke har nogen HDMI ARC-tilslutning, skal du tilføje et optisk lyd-kabel (Toslink) til at sende lyden fra TV-billedet til hjemmebiografssystemet.



### Audio- og videosynkronisering (synk)

Hvis lyden ikke passer til billedet på skærmen, kan du angive en forsinkelse på de fleste hjemmebiografssystemer med en diskafspiller, så lyd og billede kommer til at passe sammen.

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### 6.5

## Smartphones og tablets

For at tilslutte en smartphone eller tablet til TV'et kan du bruge en trådløs eller kabelbaseret forbindelse.

### Trådløst

Ønskes en trådløs forbindelse på din smartphone eller tablet, downloades Philips TV Remote App fra din foretrukne app-butik.

### Kablet

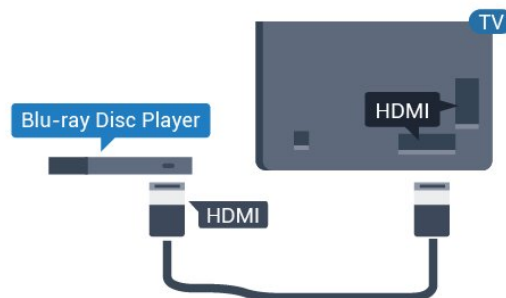
Ønskes en kabelbaseret forbindelse, anvendes HDMI 1 MHL-forbindelsen bag på TV'et.

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### 6.6

## Blu-ray-afspiller

Brug et højhastigheds-HDMI-kabel til at tilslutte Blu-ray-afspilleren til TV'et.




Hvis Blu-ray-afspilleren har EasyLink HDMI CEC, kan du betjene afspilleren med TV-fjernbetjeningen.

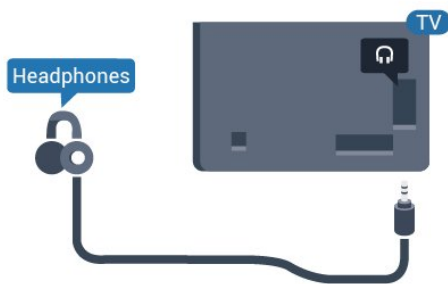
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### 6.7

## Øretelefoner

Du kan tilslutte et sæt hovedtelefoner til -stikket bag på TV'et. Stikket er et 3,5 mm mini-jackstik. Du kan regulere hovedtelefonernes lydstyrke separat.



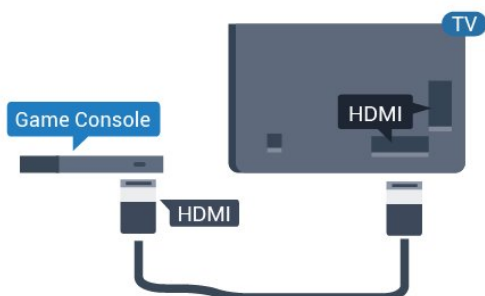


6.8

## Spillekonsol

### HDMI

Slut spilkonsollen til TV'et med et højhastigheds-HDMI-kabel for at opnå den bedste kvalitet.



6.9

## USB-flash-drev

Du kan se fotos eller afspille musik og videoer fra et tilsluttet USB-flashdrev.

Indsæt et USB-flashdrev i en af USB-tilslutningerne på TV'et, mens TV'et er tændt.



TV'et registrerer flashdrevet og åbner en liste, der viser indholdet.

Hvis indholdslisten ikke vises automatisk ...

Professionel tilstand deaktiveret – Tryk på Hjem, vælg Apps, vælg Kilder. Vælg USB, og tryk på OK.

Professionel tilstand aktiveret – Tryk på Hjem, vælg TV-kanaler , og vælg SOURCES . Vælg USB, og tryk på OK.

Hvis du vil stoppe med at se USB-flashdrevets

indhold, skal du trykke på eller vælge en anden aktivitet.

Du kan når som helst frakoble USB-flashdrevet ved at trække det ud.

6.10

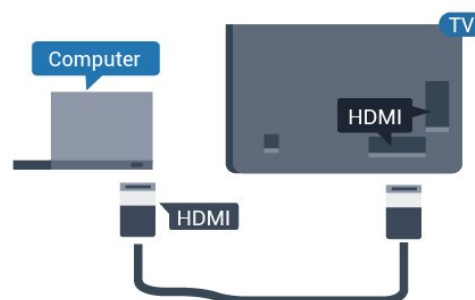
## Computer

### Connect

Du kan slutte computeren til TV'et og bruge TV'et som computerskærm.

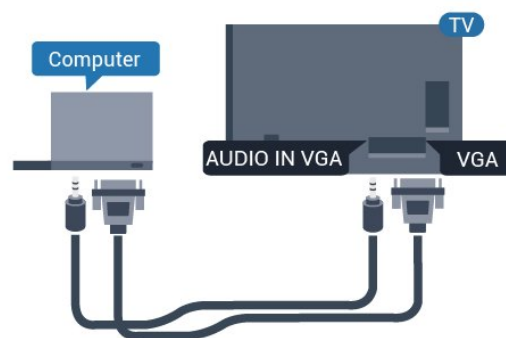
#### Med HDMI

Brug et HDMI-kabel for at slutte computeren til TV'et.



#### Med VGA (6014U)

Brug et VGA-kabel til at slutte computeren til TV'et og et lyd-kabel (mini-stik 3,5 mm) til AUDIO IN VGA bag på TV'et.



### Optimal indstilling

Hvis du tilslutter en computer, anbefales det at give den tilslutning, som computeren er tilsluttet, den korrekte enhedstypenavn i menuen Kilde. Hvis du skifter til **Computer** i menuen Kilde, indstilles TV'et automatisk til den optimale computerindstilling.

Sådan indstiller du TV'et til den optimale indstilling...

Professionel tilstand deaktiveret – Tryk på Hjem. Tryk på (ned), vælg **Indstillinger**, og tryk på OK.

Vælg **Billede**, og tryk på **➤** (højre) for at åbne menuen. Vælg **Billedtype** > **Computer**, og tryk på **OK**.

Vælg **Til** eller **Fra**, og tryk på **OK**.

Tryk om nødvendigt på **←** gentagne gange for at lukke menuen.

Professionel tilstand aktiveret – Tryk

på **🏠** **Hjem** > **⋮** **Mere** > **⚙️**

**Indstillinger** > **🖼️** **Billede**. Tryk på **OK**.

Vælg **Billedtype** > **Computer**, og tryk på **OK**.

Vælg **Til** eller **Fra**, og tryk på **OK**.

Tryk om nødvendigt på **←** gentagne gange for at lukke menuen.

(For oplysninger om professionel tilstand henvises til installationsvejledningen)

# Videoer, fotos og musik





## 7.1

### Fra en USB-forbindelse

Du kan se dine fotos eller afspille musik og videoer fra et tilsluttet USB-flashdrev eller en USB-harddisk.

Med TV'et tændt skal du sætte et USB-flashdrev eller en USB-harddisk i en af USB-tilslutningerne. TV'et registrerer enheden og viser dine mediefiler på en medieliste.

Gør følgende, hvis listen over filer ikke vises automatisk...





- 1 - Tryk på , og vælg  Kilder.
- 2 - Vælg  Mediebrowser , og tryk på OK.
- 3 - Du kan gennemse dine filer i mappestrukturen, som du har organiseret på drevet.
- 4 - Stop videoer, fotos og musik ved at trykke på .

## 7.2

### Afspil dine videoer








#### Afspil videoer

Åbn mappe med videoer

- 1 - Tryk på , og vælg  Kilder.
- 2 - Vælg  Mediebrowser , vælg  Videoer, og tryk på OK.

Tryk på 

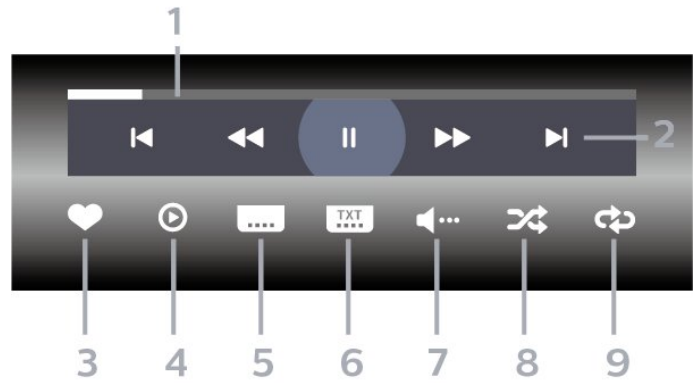
Afspil en video






- 1 - Tryk på , og vælg  Kilder.
- 2 - Vælg  Mediebrowser , vælg  Videoer, og tryk på OK.
- 3 - Vælg én af videoerne, hvorefter du kan trykke på  Afspil alle for at afspille alle filer i mappen, eller tryk på  Marker som Foretrukken for at føje den valgte video til favoritmenuen
  -  Favorit-programmer.

Hvis du vil sætte videoen på pause, skal du trykke på OK. Tryk på OK igen for at fortsætte.

#### Betjeningsbjælke


For at vise eller skjule betjeningsbjælken under afspilning af en video skal du trykke på OK.



- 1 - Statuslinje
- 2 - Betjeningsbjælke til afspilning
  - : Gå til den forrige video i en mappe
  - : Gå til den næste video i en mappe
  - : Tilbage
  - : Hurtigt frem
  - : Sæt afspilningen på pause

- 3 - Marker som foretrukne
- 4 - Afspil alle videoer
- 5 - Undertekst: Slå undertekster til, fra eller til under lydløs.
- 6 - Undertekstsprog: Vælg et undertekstsprog (ikke tilgængelig for professionel tilstand aktiveret).
- 7 - Lydsprog: Vælg et lydsprog
- 8 - Shuffle: Afspil dine filer i tilfældig rækkefølge
- 9 - Gentag: Afspiller alle videoer i denne mappe én gang eller kontinuerligt

### Videoindstillinger

Under videoafspilning skal du trykke på  OPTIONS, vælge Info og trykke på OK for at...

- **Marker som Foretrukken** – Indstiller den valgte video som foretrukken.
- **Afspil alle** – Afspiller alle videofiler i denne mappe.
- **Undertekster** – Hvis de er tilgængelige, kan du slå undertekster **Til**, **Fra** eller **Til under lydløs**.
- **Lydsprog** – Hvis det er tilgængeligt, kan du vælge et lydsprog.
- **Shuffle** – Afspiller dine filer i tilfældig rækkefølge.
- **Gentag** – Afspiller alle videoer i denne mappe én gang eller kontinuerligt.

## 7.3

### Se dine fotos

## Vis fotos

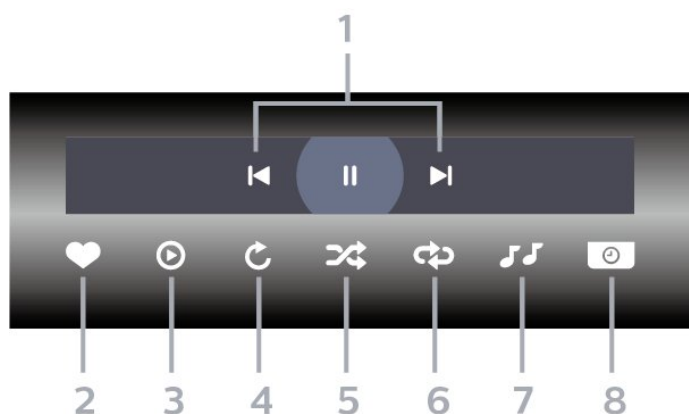
### Åbn mappe med fotos

- 1 - Tryk på CHANNELS, og vælg Kilder.
- 2 - Vælg Mediebrowser, vælg Fotos, og tryk på OK.

### Få vist et foto

- 1 - Tryk på CHANNELS, og vælg Kilder.
- 2 - Vælg Mediebrowser, vælg Fotos, og tryk på OK.
- 3 - Vælg Fotos, og vælg ét af fotoene, hvorefter du kan trykke på Diasshow for at afspille alle filer i mappen, eller tryk på Marker som Foretrukken for at føje det valgte foto til favoritmenuen - Favorit-programmer.

### Betjeningsbjælke



- 1 - Betjeningsbjælke til afspilning
  - : Gå til det forrige foto i en mappe
  - : Gå til det næste foto i en mappe
  - ||: Sæt afspilningen af diasshow på pause

- 2 - Marker som foretrukne
- 3 - Start et diasshow
- 4 - Roter fotoet
- 5 - Shuffle: Afspil dine filer i tilfældig rækkefølge
- 6 - Gentag: Afspiller alle fotos i denne mappe én gang eller kontinuert
- 7 - Stop musikafspilningen i baggrunden (ikke tilgængelig ved Professionel tilstand aktiveret)
- 8 - Angiver hastigheden for diasshowet

## Fotoindstillinger

Under videoafspilning skal du trykke på OPTIONS, vælge Info og trykke på OK for at ...

- Marker som foretrukne
- Start et diasshow
- Roter fotoet
- Shuffle: Afspil dine filer i tilfældig rækkefølge
- Gentag: Afspiller alle fotos i denne mappe én gang eller kontinuert
- Stop musikafspilningen i baggrunden (ikke tilgængelig ved Professionel tilstand aktiveret)
- Angiver hastigheden for diasshowet

7.4

## Afspil din musik

### Afspil musik

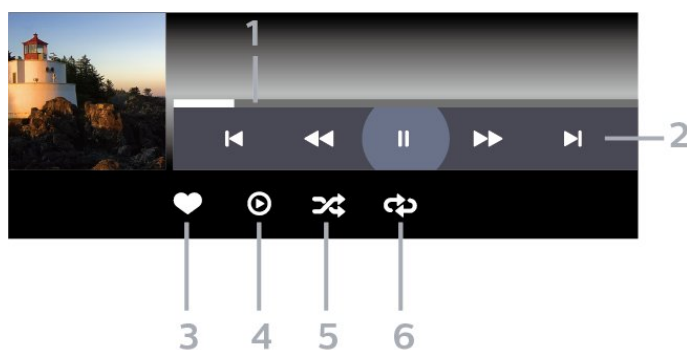
#### Åbn mappe med musik

- 1 - Tryk på CHANNELS, og vælg Kilder.
- 2 - Vælg Mediebrowser, vælg Musik, og tryk på OK.

#### Afspil musik

- 1 - Tryk på CHANNELS, og vælg Kilder.
- 2 - Vælg Mediebrowser, vælg Musik, og tryk på OK.
- 3 - Du kan trykke på Marker favorit for at føje musikmappen til favoritmenuen
  - Favorit-programmer.
- 4 - Du kan hurtigt finde musik vha. klassificering – Genrer, Kunstnere, Albums, Numre.

### Betjeningsbjælke



- 1 - Statuslinje
- 2 - Betjeningsbjælke til afspilning
  - : Gå til den forrige sang i en mappe
  - : Gå til den næste sang i en mappe
  - ◀◀: Tilbage
  - ▶▶: Hurtigt frem
  - ||: Sæt afspilningen på pause

- 3 - Marker som foretrukne
- 4 - Afspil al musik
- 5 - Shuffle: Afspil dine filer i tilfældig rækkefølge
- 6 - Gentag: Afspiller alle sange i denne mappe én gang eller kontinuerligt

---

## Musikindstillinger

Under musikafspilning skal du trykke på **+** **OPTIONS**, vælge **Info** og trykke på **OK** for at ...

- Marker som foretrukne
- Afspil al musik
- Shuffle: Afspil dine filer i tilfældig rækkefølge
- Gentag: Afspiller alle sange i denne mappe én gang eller kontinuerligt


# TV-guide

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## Brug af TV-guiden

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### Åbn TV-guiden

Tryk på  TV GUIDE for at åbne TV-guiden. TV-guiden viser kanalerne på den valgte tuner.

Tryk på  TV GUIDE igen for at lukke.

Første gang du åbner TV-guiden, scanner TV'et alle TV-kanalerne for programoplysninger. Dette kan tage flere minutter. TV-guidens data gemmes på TV'et.

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# Spil

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## Spil et spil

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### Fra en spilkonsol

Gør følgende for at starte et spil fra en spillekonsol...


Tænd for spilkonsollen.

Professionel tilstand deaktiveret – Tryk på  Hjem, og vælg  Apps. Vælg Kilder, og tryk på OK.



Start spillet.

Tryk på  BACK gentagne gange, eller tryk på  EXIT, eller stop appen med den dertil beregnede exit-/stopknap.

Tryk på farvetasten  Søgeord i Hjælp, og find **Spillekonsol**, tilslut.

Professionel tilstand aktiveret – Tryk på  SOURCES, og vælg en spillekonsol eller navnet på tilslutningen.

Start spillet.



Tryk på  BACK gentagne gange, eller tryk på  EXIT, eller stop appen med den dertil beregnede exit-/stopknap.

Tryk på farvetasten  Søgeord i Hjælp, og find **Spillekonsol**, tilslut.



---

### Med Apps

Gør følgende for at starte et spil fra en Game Apps ...



Professionel tilstand deaktiveret – Tryk på  Hjem, vælg  Apps, og vælg derefter Google Play Spil.

Log på din Google-konto, og start et spil.

Tryk på  BACK gentagne gange, eller tryk på  EXIT, eller stop appen med den dertil beregnede exit-/stopknap.

Professionel tilstand aktiveret – Tryk på  Hjem. Vælg  Spil.

Log på din Google-konto, og start et spil.

Tryk på  BACK gentagne gange, eller tryk på  EXIT, eller stop appen med den dertil beregnede exit-/stopknap.

# Professionel menu-app

## 10.1






## Om den professionelle menu-app

I den professionelle menu-app kan du starte alle aktiviteter, du kan udføre med TV'et.

Den venstre del af den professionelle menu-app er organiseret i rækker ...

- Anbefalet 
- TV-kanaler 
- Cast 
- Spil 
- Mere 

Den øverste højre del af den professionelle menu-app er organiseret i rækker ...


- Administrer konto
- Meddelelser  (Dette er en valgfri funktion, der afhænger af hotellets interne indstillinger).
- Regning  (Dette er en valgfri funktion, der afhænger af hotellets interne indstillinger).
- Indstil alarm 
- Vejr 
- Menuprog 
- Aktuelt klokkeslæt

## 10.2

## Åbn Professionel menu-app

Professionel tilstand deaktiveret - Se kapitlet "Android TV-startskærm".

Professionel tilstand aktiveret - Åbner Professionel menu-app og åbner et element...

1 - Åbn Professionel menu-app ved at trykke på Hjem .

2 - Vælg en aktivitet vha. piletasterne, og tryk på **OK** for at starte aktiviteten.

3 - Tryk på  for at lukke Professionel menu-app uden at ændre den aktuelle aktivitet.



Når du åbner Professionel menu-app, stopper programmet i baggrunden/afspilningen af indhold. Du skal vælge programmet eller indholdet fra Professionel menu-app for at genoptage.

## 10.3

## Anbefalet

Åbner Professionel menu-app og åbner Anbefalet...

1 - Åbn Professionel menu-app.

2 - Vælg **Anbefalet** , og tryk på **OK** for at åbne eller startet den.

3 - Vælg  Anbefalede TV-kanaler. Vælg en kanal på listen, og tryk på OK.

4 - Vælg  Apps. Vælg en app på listen, og tryk på OK.





## 10.4

## TV-kanaler

### Kanallister

#### Om kanallister

Efter en kanalinstallation vises alle kanaler på kanallisten. Kanaler er vist med deres navn og logo, hvis disse oplysninger er tilgængelige.

Når der er valgt en kanalliste, skal du trykke på pilene  (op) eller  (ned) for at vælge en kanal og derefter trykke på **OK** for at se den valgte kanal. Du kan kun indstille kanalerne på listen ved hjælp af tasterne  eller .

#### Radiostationer







Hvis der er digitale udsendelser tilgængelige, installeres de digitale radiostationer i forbindelse med installationen. Du kan skifte til en radiostation på samme måde, som du skifter til en TV-kanal.



---

## Åbn en kanalliste


Sådan åbner du den aktuelle kanalliste...

1. Tryk på  for at skifte til TV.
2. Tryk på  CHANNELS for at åbne den aktuelle kanalliste. Vælg  Alle kanaler for at vise både TV- og radiokanaler. Vælg  for kun at vise TV-kanaler. Vælg  for kun at vise radiokanaler.
3. Tryk på  CHANNELS igen for at lukke kanallisten.

---

## Se kanaler


### Stil ind på en kanal

Tryk på  for at se TV-kanaler. TV'et stiller ind på den kanal, du sidst har set.


### Kanalskift

- Tryk på  + eller  - for at skifte kanaler.

### Forrige kanal

- Tryk på  BACK for at gå tilbage til den forrige kanal.

### Kanalliste

Mens du ser en TV-kanal, skal du trykke på  for at åbne kanallisterne.

---



## Kanalindstillinger

### Åbn Indstillinger

Mens du ser en kanal, kan du angive nogle indstillinger.

Afhængig af hvilken type kanal du ser (analog eller digital), eller afhængig af de TV-indstillinger du har angivet, vil nogle indstillinger være tilgængelige.

Sådan åbner du menuen Indstillinger...

- 1 - Mens du ser en kanal, skal du trykke på  OPTIONS.
- 2 - Tryk på  OPTIONS igen for at lukke.

10.5

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

## TV-kanaler

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### Kanallister

#### Om kanallister

Efter en kanalinstallation vises alle kanaler på kanallisten. Kanaler er vist med deres navn og logo, hvis disse oplysninger er tilgængelige.

Når der er valgt en kanalliste, skal du trykke på pilene  (op) eller  (ned) for at vælge en kanal og derefter trykke på  for at se den valgte kanal. Du kan kun indstille kanalerne på listen ved hjælp af tasterne  + eller  -.







#### Radiostationer

Hvis der er digitale udsendelser tilgængelige, installeres de digitale radiostationer i forbindelse med installationen. Du kan skifte til en radiostation på samme måde, som du skifter til en TV-kanal.

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### Åbn en kanalliste


Sådan åbner du den aktuelle kanalliste...

1. Tryk på  for at skifte til TV.
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3. Tryk på  CHANNELS igen for at lukke kanallisten.

---

### Se kanaler

#### Stil ind på en kanal

Tryk på  for at se TV-kanaler. TV'et stiller ind på den kanal, du sidst har set.


#### Kanalskift

- For at skifte kanaler skal du trykke på  + eller  -.

#### Forrige kanal

- Tryk på  BACK for at gå tilbage til den forrige kanal.

#### Kanalliste

Mens du ser en TV-kanal, skal du trykke på  for at åbne kanallisterne.

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## Kanalindstillinger

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### Åbn Indstillinger

Mens du ser en kanal, kan du angive nogle indstillinger.

Afhængig af hvilken type kanal du ser (analog eller digital), eller afhængig af de TV-indstillinger du har angivet, vil nogle indstillinger være tilgængelige.

Sådan åbner du menuen Indstillinger...

- 1 - Mens du ser en kanal, skal du trykke på **+** **OPTIONS**.
- 2 - Tryk på **+** **OPTIONS** igen for at lukke.

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10.6

## Google Cast

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### Det skal du bruge

Hvis en app på din mobile enhed har Google Cast, kan du sende app'en til dette TV. Find ikonet for Google Cast på mobil-appen. Du kan bruge din mobile enhed til at styre, hvad der kommer på TV'et. Google Cast virker på Android og iOS.

Din mobile enhed skal være tilsluttet det samme Wi-Fi-hjemmenetværk som TV'et.

### Apps med Google Cast

Der kommer nye Google Cast apps hver dag. Du kan allerede prøve det med YouTube, Chrome, Netflix, Photowall... eller Big Web Quiz til Chromecast. Se også [google.com/cast](http://google.com/cast)

Visse Google-Play produkter og -funktioner er ikke tilgængelige i alle lande.


Find flere oplysninger på [support.google.com/androidtv](http://support.google.com/androidtv)

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## Send til dit TV

Sådan sender du en app til din TV-skærm...

Sådan åbner du Professionel menu-app og Cast...


- 1 - Åbn Professionel menu-app.
- 2 - Vælg **Cast**  , og tryk på **OK** for at åbne eller starte den.
- 3 - Tilslut smartphone til TV via Wi-Fi Direct (Scan QR-koden, eller brug Wi-Fi SSID og adgangskoden). Åbn en app, som understøtter Google Cast.
- 4 - Tryk på Google Cast-ikonet.
- 5 - Vælg det TV, du ønsker at sende til.
- 6 - Tryk på afspil på din smartphone eller tablet. Det valgte bør begynde afspilning på TV'et.

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10.7

## Spil

Sådan åbner du Professionel menu-app og Spil...






- 1 - Åbn Professionel menu-app.
- 2 - Vælg **Spil**  , og tryk på **OK** .

### Optimal spilindstilling

I forbindelse med nogle spil, hvor hastighed og nøjagtighed er nødvendig, skal du indstille TV'et til den optimale **Spil**-indstilling, før du begynder at spille.

Hvis din spilkonsol tilføjes som en **Spil**-enhedstype i menuen Kilder (en liste over tilslutninger), indstilles TV'et automatisk til den ideelle indstilling for spil. Hvis spilkonsoltypen indstilles til **Afspiller** og bruges som en diskafspiller det meste af tiden, bibeholdes enhedstypen som **Afspiller**.

Sådan indstiller du TV'et til den optimale indstilling manuelt . . .



- 1 - Vælg  **Hjem** >  **Mere** >  **Indstillinger** >  **Billede** > **Billedtype**.
- 2 - Vælg **Spil**, og tryk på **OK**.
- 3 - Tryk om nødvendigt på  gentagne gange for at lukke menuen. Husk at sætte **Spil**- eller **Computer**-indstillingen tilbage til **Fra**, når du ikke spiller spillet længere.

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10.8

## Mere

Sådan åbner du Professionel menu-app og Mere...

- 1 - Åbn Professionel menu-app.
- 2 - Vælg  **Mere**, og tryk på **OK** for at åbne eller starte den.
- 3 - Vælg  **Indstillinger**.

• **Billede**  :

Skift mellem de forudindstillede billedtyper. Der er ideelle typer til at se film eller fotos osv.

• **Lyd**  :

Vælg mellem de forudindstillede lydtyper. Der er ideelle lydtyper til film, musik og spil.

• **Billedformat**  :


Vælg et billedformat, der passer til skærmen.


• **Menusprog**  :

Vælg et sprog, og tryk på **OK**.

- 4 - Vælg  **Funktioner**, og tryk på **OK**.


• **Indstil alarm**  :


Der kan indstilles en alarm på TV'et. TV'et kan tænde på et fastsat alarmtidspunkt. Alternativt kan du indstille alarmtidspunktet ved at trykke på knappen  på fjernbetjeningen.


- Sleep-timer  :

Med bjælken kan du indstille tiden til op til 180 minutter i intervaller på 5 minutter. Hvis den er indstillet til 0 minutter, slås sleep-timeren fra. Du kan altid slukke for TV'et tidligere eller nulstille tiden under nedtællingen.

- Vejr  :


Vis den observerede temperatur. Den indeholder 5 dages vejrudsigt for den aktuelle placering. Alternativt kan du indstille alarmtidspunktet ved at trykke på knappen  på fjernbetjeningen.

5 - Vælg Personlig  og tryk på OK.


- Regning  : Det gør det muligt for hotellets gæster at se hans/hendes hotelregning under hans/hendes ophold. (Kun i Professionel tilstand aktiveret).

- Meddelelser  :

Gæster skal underrettes, når nye meddelelser fra hotellet modtages på TV'et. (Kun i Professionel tilstand aktiveret).

- Meddelelsesdisplay  :

Lav om på visning af meddelelser. (Kun i Professionel tilstand aktiveret).

- Administrer konto  :

Samtidig med at du logger på Google-konto vha. mobiltelefon eller bærbar computer, skal du sørge for, at telefonen eller den bærbare computer er tilsluttet samme netværk som TV'et, og derefter indtaste koden, der vises på TV'et, for at gennemføre logonprocessen. Gæsterne kan også bruge Google-kontoens e-mailadresse og adgangskode til at logge på.

- Slet oversigt  :

Slet personlige oplysninger fra alle programmer (slettes også automatisk ved udtjekning, kun i Professionel tilstand aktiveret).

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10.9

## Professionelle indstillinger


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### Billedtype

Vælg en type

Vælg  Hjem >  Mere >  Indstillinger >  Billede > Billedtype.

For nem billedjustering kan du vælge en foruddefineret billedtype.

- Personlig - De billedpræferencer, du indstiller, første gang du tænder.
- Livagtig - Ideel til visning i dagslys
- Naturlig - Naturlige billedindstillinger
-  Standard - Den mest energibevidste indstilling - Fabriksindstilling
- Film - Ideel til film
- Spil - Ideel til spil
- Computer - Ideel til tilslutning af computer




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## Billedformat

### Vælg billedformat

Hvis billedet ikke udfylder hele skærmen, hvis der vises sorte bjælker i top og bund eller i begge sider, kan du indstille billedet, så det passer i fuldt skærmformat.

Sådan vælger du en af grundindstillingerne for udfyldning af skærmen...

Tryk på  Hjem >  Mere >  Indstillinger >  Billedformat.

Følgende format kan være tilgængeligt, afhængigt af billedet på skærmen.

- Bredformat
- Udfyld skærm
- Tilpas til skærm
- Uskaleret

---

## Lydtype

Vælg en type

Vælg  Hjem >  Mere >  Indstillinger >  Lyd > Lydtype.





For nem justering af lyd kan du vælge en foruddefineret indstilling med lydtype.

- Personlig - Dine egne personlige valg som angivet i Tilpas billede og lyd
- Original - Den mest neutrale lydindstilling
- Film - Ideel til film
- Musik - Ideel til afspilning af musik
- Spil - Ideel til spil
- Nyheder - Ideel til tale

---

## Sprog

Skift sprog for TV-menu og meddelelser

Tryk på  Hjem >  Mere >  Indstillinger >  Menusprog.

Vælg et sprog, og tryk på OK.

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## Eco-indstillinger

Indstil Skærm fra for at spare på energiforbruget





Tryk på  Hjem >  Mere >  Funktioner >  Sleep-timer > Skærm fra.



Hvis du kun lytter til musik på TV'et, kan du slukke TV-skærmen.

Kun TV-skærmen slukker. Tryk på en vilkårlig knap på

fjernbetjeningen for at tænde for skærmen igen.

### Indstil TV'ets timer for slukning

Tryk på  Hjem >  Mere >  Funktioner >  Sleep-timer > Sleep-timer.

Tryk på pilene  (op) eller  (ned) for at justere værdien. Værdien 0 (Fra) deaktiverer den automatiske slukning.

Vælg Timer for slukning, hvorefter TV'et slukker automatisk for at spare på strømmen.

\* TV'et slukker, hvis det modtager et TV-signal, og der ikke trykkes på en tast på fjernbetjeningen i 4 timer.

\* TV'et slukker, hvis det ikke modtager et TV-signal eller en kommando fra fjernbetjeningen i 10 minutter.

\* Hvis du bruger TV'et som skærm eller bruger en digital modtager til at se TV (en set-top-boks - STB) uden at bruge TV-fjernbetjeningen, skal du deaktivere denne automatiske slukning for at indstille værdien til 0.

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10.10

## Google-konto

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### Log på

For at få mest muligt ud af funktionerne i dit Philips Android TV kan du logge på Google med din Google-konto.

Ved at logge på kan du spille dine yndlingsspil på telefon, tablet og TV. Du kan også få tilpassede video- og musikanbefalinger på din TV-startskærm samt få adgang til YouTube, Google Play og andre apps.

Brug din eksisterende **Google-konto** for at logge på Google på dit TV. En Google-konto består af en e-mailadresse og en adgangskode. Hvis du ikke har en Google-konto, kan du bruge din computer eller tablet til at oprette en (accounts.google.com). Hvis du ikke loggede på under den første TV-installation, kan du altid logge på senere.

### Log på

Tryk på  > Åbn skærbilledet Professionel menu-app.

Vælg Administrer konto i øverste højre del af Professionel menu-app, og tryk på **OK**. Brug tastaturet på skærmen til at indtast din e-mailadresse og din adgangskode, og tryk på den samme **OK**-tast for at logge på.

# Android TV-startskærm

## 11.1

### Om Android TV-startskærmen

For at drage fordel af dit Android TV skal du oprette forbindelse fra TV'et til internettet.

Ligesom på din Android-smartphone eller tablet er startskærmen midt på TV-skærmen. Fra startskærmen kan du beslutte, hvad du vil se, ved at gennemse underholdningsmuligheder fra app og direkte TV. Startskærmen har kanaler, så du kan se det fantastiske indhold fra dine foretrukne apps. Du kan også tilføje flere kanaler eller finde nye apps for at få mere indhold.

## 11.2

### Åbn Android TV-startskærmen

Professionel tilstand aktiveret - Se installationsvejledningen.

Professionel tilstand deaktiveret - Åbner Android TV-startskærmen og åbner et element...

1 - Tryk på Menu, og naviger til "Philips-samling", og tryk derefter på OK.

2 - Vælg en aktivitet vha. piletasterne, og tryk på OK for at starte aktiviteten.

3 - Tryk på ← for at lukke startmenuen uden at ændre den aktuelle aktivitet.



Når du åbner Android TV-startskærmen, stopper programmet i baggrunden/afspilningen af indhold. Du

skal vælge programmet eller indholdet på Android TV-startskærmen for at genoptage.

## 11.3

### Android TV-indstillinger

#### Billede

##### Billedindstillinger

##### Billedtype

##### Vælg en type

⚙️ Indstillinger > Billede > Billedtype. For nem billedjustering kan du vælge en foruddefineret billedtype.

- Personlig - De billedpræferencer, du indstiller, første gang du tænder.
- Livagtig - Ideel til visning i dagslys
- Naturlig - Naturlige billedindstillinger
- Standard - Den mest energibevidste indstilling - Fabriksindstilling
- Film - Ideel til film
- Spil - Ideel til spil
- Computer - Ideel til tilslutning af computer

##### Farve, kontrast, skarphed, lysstyrke

##### Sådan justeres billedets farve

Tryk på Hjem > Indstillinger > Billede > Farve.

Tryk på pilene (op) eller (ned) for at justere billedets farvemætningsværdi.

##### Sådan justeres billedets kontrast

Tryk på Hjem > Indstillinger > Billede > Kontrast. Tryk på pilene (op) eller (ned) for at justere billedets kontrastværdi.

Du kan mindske kontrasten for at reducere strømforbruget.

##### Sådan justeres billedets skarphed

Tryk på Hjem > Indstillinger > Billede > Skarphed.

Tryk på pilene (op) eller (ned) for at justere billedets skarphedsværdi.

##### Juster lysstyrke

Tryk på Hjem > Indstillinger > Billede > Lysstyrke.

Tryk på pilene (op) eller (ned) for at angive niveauet for billedsignalets lysstyrke.

**Bemærk:** Hvis lysstyrken indstilles for langt væk fra referenceværdien (50), kan det medføre en lavere kontrast.

---

## Avancerede billedindstillinger



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### Farveindstillinger

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#### Avancerede farveindstillinger



##### Juster farveforbedring

Tryk på  Hjem >  Indstillinger >

Billede > Avanceret > Farve > Farveforbedring.

Vælg **Maksimum**, **Middel** eller **Minimum** for at indstille farveintensitetsniveauet og detaljerne i lyse farver.



##### Vælg den forudindstillede farvetemperatur

Tryk på  Hjem >  Indstillinger >



Billede > Avanceret > Farve > Farvetemperatur.

Vælg **Normal**, **Varm** eller **Kold** for at indstille din foretrukne farvetemperatur.

##### Tilpas farvetemperatur

Tryk på  Hjem >  Indstillinger >

Billede > Avanceret > Farve > Brugerdefineret farvetemperatur.



Vælg **Brugerdefineret** i menuen **Farvetemperatur** for selv at tilpasse en farvetemperatur. Tryk på pilene  (op) eller  (ned) for at justere værdien. **HP** er hvidt punkt, og **SN** er sort niveau. Du kan også vælge en af forudindstillingerne i denne menu.

---

## Avancerede kontrastindstillinger

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### Kontrasttilstande

Tryk på  Hjem >  Indstillinger >


Billede > Avanceret >

Kontrast > Kontrasttilstand.

Vælg **Normal**, **Optimeret til billede** eller **Optimeret til energibesparelser** for at indstille TV'et til automatisk at reducere kontrasten for at opnå det bedste strømforbrug eller den bedste filmoplevelse, eller vælg **Fra** for at afslutte justeringen.

---

### Dynamisk kontrast

Tryk  Hjem >  Indstillinger >

Billede > Avanceret > Kontrast > Dynamisk kontrast.



Vælg **Maksimum**, **Middel** eller **Minimum** for at angive det niveau, hvor TV'et automatisk forbedrer

detaljerne i billedets mørke, mellem mørke og lyse områder.



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## Videokontrast, gamma



### Videokontrast

Tryk på  Hjem >  Indstillinger >



Billede > Avanceret > Kontrast > Videokontrast.

Tryk på pilene  (op) eller  (ned) for at justere niveauet for videokontrast.

### Gamma

Tryk på  Hjem >  Indstillinger >

Billede > Avanceret > Kontrast > Gamma.



Tryk på pilene  (op) eller  (ned) for at justere en ikke-lineær indstilling for billedets belysning og kontrast.

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## Avancerede skarphedsindstillinger

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### Ekstra høj opløsning

Tryk på  Hjem >  Indstillinger > Billede > Avanceret > Skarphed > Ultra Resolution.

Vælg **Til** for at få en enestående skarphed i linjernes kanter og detaljer.

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## Skarpere billedkvalitet

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

### Støjreduktion

Tryk på  Hjem >  Indstillinger > Billede > Avanceret > Skarpere billedkvalitet > Støjreduktion.

Vælg **Maksimum**, **Middel** eller **Minimum** for at indstille niveauet for fjernelse af støj i videoindhold. Støj ses for det meste som små bevægelige prikker på billederne på skærmen.

---

## MPEG artefakt-reduktion

Tryk på  Hjem >  Indstillinger > Billede > Avanceret > Skarpere billedkvalitet > MPEG artefakt-reduktion.




Vælg **Maksimum**, **Middel** eller **Minimum** for at få forskellige grader af udglatning af artefakter i digitalt videoindhold. MPEG-artefakter ses mest som små blokke eller takkede kanter på billederne på skærmen.

---

## Billedformat

Hvis billedet ikke udfylder hele skærmen, hvis der vises sorte bjælker i top og bund eller i begge sider, kan du indstille billedet, så det passer i fuldt skærmformat.

Sådan vælger du en af grundindstillingerne for udfyldning af skærmen...

- 1 - Mens du ser en TV-kanal, skal du trykke på  Hjem >  Indstillinger > Billede > Billedformat.
- 2 - Vælg et format på listen, og tryk på **OK**.
- 3 - Tryk om nødvendigt gentagne gange på  **BACK**, for at lukke menuen.

Følgende format kan være tilgængeligt, afhængigt af billedet på skærmen . . .


- Bredformat
- Udfyld skærm
- Tilpas til skærm
- Uskaleret

---

## Lyd

### Lydtype

#### Vælg en type



Tryk på  Hjem >  Indstillinger > Lyd > Lydtype. For nem justering af lyd kan du vælge en foruddefineret indstilling med lydtype.

- Personlig - Dine egne personlige valg som angivet i Tilpas billede og lyd
- Original - Den mest neutrale lydindstilling
- Film - Ideel til film
- Musik - Ideel til afspilning af musik
- Spil - Ideel til spil
- Nyheder - Ideel til tale

---

### Lydstyring

#### Vælg en enhed.

Tryk på  Hjem >  Indstillinger > Lyd > Lydstyring. Konfigurer lydudgangsenheder.

- TV-højttalere - Indstil TV'et til at afspille lyden på TV eller på det tilsluttede lydsystem.
- Hovedtelefoner/badeværelshøjttalere - Til/Fra.
- Hovedtelefoner/badeværelshøjttalere med fast lydstyrke - Ved aktivering er lydstyrken i hovedtelefonerne/badeværelshøjttaleren baseret på aktiveringsindstillingerne.
- Registrering af hovedtelefoner - Til/Fra.

---

## TV-placering

Tryk på  Hjem >  Indstillinger > Lyd > TV-placering.

Vælg På en TV-stand eller På væggen for at opnå den bedste lydgenivelse i henhold til indstillingen.



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## Avanceret



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## Eco-indstillinger

### Sleep-timer

Tryk på  Hjem >  Indstillinger > Eco-indstillinger > Sleep-timer.

Indstil TV'et til automatisk at skifte til standby efter et forudindstillet tidsrum. Indstil klokkeslæt til nul for at deaktivere denne funktion.

Tryk på pilene  (op) eller  (ned) for at justere værdien. Værdien 0 (Fra) deaktiverer den automatiske slukning.

Vælg Timer for slukning, hvorefter TV'et slukker automatisk for at spare på strømmen.



\* TV'et slukker, hvis det modtager et TV-signal, og der ikke trykkes på en tast på fjernbetjeningen i 4 timer.

\* TV'et slukker, hvis det ikke modtager et TV-signal eller en kommando fra fjernbetjeningen i 10 minutter.

\* Hvis du bruger TV'et som skærm eller bruger en digital modtager til at se TV (en set-top-boks - STB) uden at bruge TV-fjernbetjeningen, skal du deaktivere denne automatiske slukning for at indstille værdien til 0.

---

### Skærm fra

Tryk på  Hjem >  Indstillinger > Eco-indstillinger > Skærm fra.

Hvis du kun lytter til musik på TV'et, kan du slukke TV-skærmen.

Kun TV-skærmen slukker. Tryk på en vilkårlig knap på fjernbetjeningen for at tænde for skærmen igen.

---

## Region og sprog

### sprog

Tryk på  Hjem >  Indstillinger > Region og sprog > Sprog.

Angiv indstillinger for område eller sprog.

- Android-system/Menusprog - Skift sprog for menuer og meddelelser.

- Primær lyd – Angiv dit foretrukne valg af lydssprog i udsendelser.
- Sekundær lyd – Angiv dit næste valg af lydssprog i udsendelser.
- Primære undertekster – Angiv dit foretrukne valg af undertekstsprog i udsendelser.
- Sekundære undertekster – Angiv dit næste valg af undertekstsprog i udsendelser.
- Primært tekst-TV – Angiv dit første foretrukne valg af tekstssprog i udsendelser.
- Sekundært tekst-TV – Angiv dit næste valg af tekstssprog i udsendelser.

---

## Indstillinger for universaladgang

Tryk på  >  Indstillinger > Tilgængelighed > Universaladgang.

Med Universaladgang slået til er TV'et forberedt til brug for døve, hørehæmmede, blinde eller svagtseende personer.

### Aktivér indstillinger for universaladgang



Tryk på  >  Indstillinger > Tilgængelighed > Universaladgang > Til.

### Universaladgang til hørehæmmede


Tryk på  >  Indstillinger > Tilgængelighed > Universaladgang > Hørehæmmede > Til.



- Visse digitale TV-kanaler udsender speciallyd og -undertekster, der er tilpasset hørehæmmede eller døve personer.
- Når den er aktiveret, skifter TV'et automatisk til den tilpassede lyd og de tilpassede undertekster, såfremt disse er tilgængelige.

### Universaladgang for blinde og svagtseende

Tryk på  >  Indstillinger > Tilgængelighed > Universaladgang > Lydbeskrivelse > Lydbeskrivelse > Til

Digitale TV-kanaler kan udsende særlige lydkommentarer, der beskriver, hvad der sker på skærmen.

 **Indstillinger** > Tilgængelighed > Universaladgang > Lydbeskrivelse > Kombineret lydstyrke, Lydeffekter, Tale.

- Vælg Kombineret lydstyrke for at kombinere lydstyrken for normal lyd med lydcommentarer. Tryk på pilene  (op) eller  (ned) for at justere værdien.
- Indstil Lydeffekter til Til for ekstra lydeffekter i lydcommentarer, f.eks. stereo eller nedtoning.
- Vælg Tale for at angive talepræference, Beskrivende eller Undertekst.

---

## Indholdsvurdering

### Vurderingsniveau

Tryk på  >  Indstillinger > Indholdsvurdering.

Hvis du vil forhindre børn i at se et program, der ikke passer til deres alder, kan du angive en aldersgrænse. Digitale kanaler har aldersbestemt deres programmer. Hvis aldersgrænsen for et program er lig med eller højere end den alder, du har angivet for dit barn, låses programmet. Visning af et låst program kræver, at koden indtastes først.



### Sådan indstiller du en aldersgrænse

Tryk på  >  Indstillinger > Indholdsvurdering > Vurderingsniveau.

Vælg alder, og tryk på OK. Vælg Ingen for at deaktivere aldersgrænsen. I nogle lande skal du angive en aldersgrænse.



---

### Indstil kode og Ændre kode

Tryk på  Hjem >  Indstillinger > Indholdsvurdering.

Koden til børnesikring bruges til at låse kanaler eller programmer eller låse dem op.

Indstil ny kode, eller nulstil Ændre kode.

Tryk på  Hjem >  Indstillinger > Indholdsvurdering > Skift kode.

### Bemærk:

Hvis du har glemt din PIN-kode, kan du omgå den nuværende kode ved at bruge **8888** og indtaste en ny kode.

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11.4

## Tilslut dit Android TV

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### Netværk og internet

#### Hjemmenetværk

For at få mest muligt ud af funktionerne i dit Philips Android TV skal dit TV være forbundet til internettet.

Opret forbindelse fra TV'et til et hjemmenetværk med en hurtig internetforbindelse. Du kan tilslutte dit TV trådløst eller kabelbaseret til din netværksrouter.



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## Opret forbindelse til netværk

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### Trådløs forbindelse

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#### Det skal du bruge

For at tilslutte TV'et trådløst til internettet skal du bruge en Wi-Fi-router med forbindelse til internettet.

Brug en højhastighedsforbindelse (bredbånd) til internettet.



---

#### Opret forbindelse

##### Opret forbindelse - TRÅDLØS

Tryk på Hjem > Indstillinger > Trådløs og netværk > Opret forbindelse til netværk > TRÅDLØS.

1 - I listen over registrerede netværk skal du vælge dit trådløse netværk. Hvis dit netværk ikke findes på listen, fordi netværksnavnet er skjult (du har slået routerens SSID-udsendelse fra), skal du vælge Tilføj nyt netværk for selv at indtaste netværksnavnet.

2 - Alt afhængigt af routertypen skal du nu angive din krypteringsnøgle - WEP, WPA eller WPA2. Hvis du har angivet krypteringsnøglen for dette netværk før, kan du vælge OK for at oprette forbindelsen med det samme.

3 - En meddelelse bekræfter, når forbindelsen er oprettet.

##### Opret forbindelse - WPS

Tryk på Hjem > Indstillinger > Trådløs og netværk > Opret forbindelse til netværk > WPS.

Hvis din router har WPS, kan du oprette forbindelse til routeren direkte uden at scanne efter netværk. Hvis du har enheder i dit trådløse netværk, der bruger WEP-sikkerhedskrypteringssystemet, kan du ikke anvende WPS.

1 - Tryk på WPS-knappen på din router og vend tilbage til TV'et inden for 2 minutter.

2 - Vælg Tilslut for at oprette forbindelsen.

3 - En meddelelse bekræfter, når forbindelsen er oprettet.

#### Opret forbindelse - WPS MED PIN-KODE

Tryk på Hjem > Indstillinger > Trådløs og netværk > Opret forbindelse til netværk > WPS MED PIN-KODE.

Hvis din router har WPS med en PIN-kode, kan du oprette forbindelse til routeren direkte uden at scanne efter netværk. Hvis du har enheder i dit trådløse netværk, der bruger WEP-sikkerhedskrypteringssystemet, kan du ikke anvende WPS.

1 - Noter den 8-cifrede PIN-kode, der vises på skærmen, og indtast den i routerens software på din computer. Se i vejledningen til routeren, hvor du skal indtaste PIN-koden i routerens software.

2 - Vælg Tilslut for at oprette forbindelsen.

3 - En meddelelse bekræfter, når forbindelsen er oprettet.

---

#### Problemer

##### Trådløst netværk blev ikke fundet eller er forvrænget

- Mikrobølgeovne, DECT-telefoner eller andre Wi-Fi 802.11b/g/n/ac-enheder kan forstyrre et trådløst netværk.

- Kontroller, at firewalls i dit netværk tillader adgang for den trådløse TV-forbindelse.

- Hvis det trådløse netværk i dit hjem ikke fungerer korrekt, kan du prøve med en kablet netværksinstallation.

##### Internettet fungerer ikke

- Hvis forbindelsen til routeren er i orden, skal du kontrollere routerens forbindelse til internettet.

##### PC'en og internetforbindelsen er langsom

- Se brugervejledningen til den trådløse router for at få oplysninger om indendørs rækkevidde, overførselshastighed og andre faktorer, der påvirker signalkvaliteten.

- Brug en internetforbindelse med høj hastighed (bredbånd) til din router.

##### DHCP

- Hvis forbindelsen mislykkes, kan du kontrollere routerens DHCP-indstilling (Dynamic Host Configuration). DHCP skal være sat på Til.

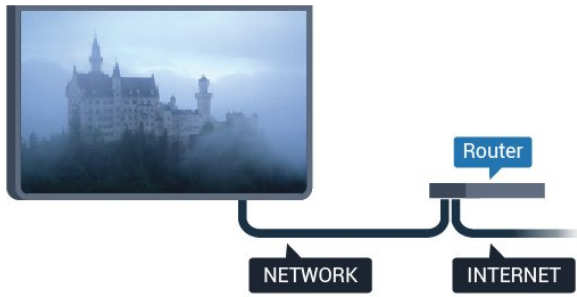
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#### Kablet forbindelse

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#### Det skal du bruge

For at tilslutte TV'et til internettet skal du bruge en netværksrouter med forbindelse til internettet. Brug en højhastighedsforbindelse (bredbånd) til internettet.



## Opret forbindelse

### Opret forbindelse - KABELFORBUNDET

Tryk på Hjem > Indstillinger > Trådløs og netværk > Opret forbindelse til netværk > KABELFORBUNDET.

- 1 - Slut routeren til TV'et med et netværkskabel (Ethernet-kabel\*\*).
- 2 - Kontrollér, at routeren er tændt.
- 3 - TV'et søger konstant efter en netværksforbindelse.
- 4 - En meddelelse bekræfter, når forbindelsen er oprettet.

Hvis forbindelsen mislykkes, kan du kontrollere routerens DHCP-indstilling. DHCP skal være sat på Til.

\*\*For at opfylde EMC-regulativerne skal du bruge et afskærmet FTP Cat. 5E Ethernet-kabel.

## Indstillinger

### Vis netværksindstillinger

Tryk på Hjem > Indstillinger > Trådløs og netværk > Indstillinger > Vis netværksindstillinger.

Du kan se alle aktuelle netværksindstillinger her. IP- og MAC-adressen, signalstyrke, hastighed, krypteringsmetode osv.

### Netværkskonfiguration - DHCP/statisk IP

Tryk på Hjem > Indstillinger > Trådløs og netværk > Indstillinger > Netværkskonfiguration > DHCP/statisk IP.

Vælg DHCP, eller du kan indstille dit netværk med statisk IP, hvis du er en avanceret bruger.

### Netværkskonfiguration - konfiguration af statisk IP

Tryk på Hjem > Indstillinger > Trådløs og netværk > Indstillinger > Konfiguration af statisk IP.

- 1 - Vælg Konfiguration af statisk IP, og konfigurer forbindelsen.
- 2 - Du kan angive nummeret på IP-adresse, Netmaske, Port, DNS 1 eller DNS 2.

Tænd via lokalt netværk (WoL - Wake on LAN)

Tryk på Hjem > Indstillinger > Trådløs og netværk > Indstillinger > Tænd med LAN (WoL).

Deaktiver/aktiver Wake on LAN (WoL). Du vækker TV'et via en ekstern enhed på samme lokale netværk.

### Tænd via Wi-Fi (WoWLAN - Wake on Wi-Fi)

Tryk på Hjem > Indstillinger > Trådløs og netværk > Indstillinger > Tænd med Wi-Fi (WoWLAN).

Deaktiver/aktiver Wake on Wi-Fi (WoWLAN). Du vækker TV'et via en ekstern enhed på samme trådløse netværk.

## Netværkstype

Tryk på Hjem > Indstillinger > Trådløs og netværk > Indstillinger > Netværkstype.

- Kabelforbundet - Sådan opretter du forbindelse til et kabelbaseret netværk.
- Trådløs - I listen over registrerede netværk skal du vælge dit trådløse netværk. Hvis dit netværk ikke findes på listen, fordi netværksnavnet er skjult (du har slået routerens SSID-udsendelse fra), skal du vælge Tilføj nyt netværk for selv at indtaste netværksnavnet.
- WPS - Hvis din router har WPS, kan du oprette forbindelse til routeren direkte uden at scanne efter netværk. Hvis du har enheder i dit trådløse netværk, der bruger WEP-sikkerhedskrypteringssystemet, kan du ikke anvende WPS.
- WPS med PIN-kode - Hvis din router har WPS med en PIN-kode, kan du oprette forbindelse til routeren direkte uden at scanne efter netværk. Hvis du har enheder i dit trådløse netværk, der bruger WEP-sikkerhedskrypteringssystemet, kan du ikke anvende WPS.

## Google-konto

### Log på

For at få mest muligt ud af funktionerne i dit Philips Android TV kan du logge på Google med din Google-konto.

Ved at logge på kan du spille dine yndlingsspil på telefon, tablet og TV. Du kan også få tilpassede video- og musikanbefalinger på din TV-startskærm samt få adgang til YouTube, Google Play og andre apps.

Brug din eksisterende **Google-konto** for at logge på Google på dit TV. En Google-konto består af en e-mailadresse og en adgangskode. Hvis du ikke har en Google-konto, kan du bruge din computer eller tablet til at oprette en (accounts.google.com). Du skal have en Google+ profil for at kunne spille spil med Google Play. Hvis du ikke loggede på under den første TV-installation, kan du altid logge på senere.

Log på

Tryk på  Hjem >  Apps > Google Play.

Brug tastaturet på skærmen til at indtast din e-mailadresse og din adgangskode, og tryk på den samme OK-tast for at logge på.

---

## Android-indstillinger

Du kan angive eller se flere Android-specifikke indstillinger og oplysninger. Du kan finde listen over de apps, der er installeret på dit TV, samt den nødvendige lagringsplads. Du kan angive det sprog, du gerne vil bruge sammen med stemmesøgning. Du kan konfigurere tastaturet på skærmen eller give dine apps tilladelse til at bruge din lokalitet. Udforsk de forskellige Android-indstillinger.

På [www.support.google.com/androidtv](http://www.support.google.com/androidtv) kan du få flere oplysninger om disse indstillinger.

Gør følgende for at åbne disse indstillinger

Tryk på  Hjem >  Indstillinger > Indstillinger > Android-indstillinger.

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11.5





# Kanaler

---

## Kanallister

### Om kanallister

Efter en kanalinstallation vises alle kanaler på kanallisten. Kanaler er vist med deres navn og logo, hvis disse oplysninger er tilgængelige.

Når der er valgt en kanalliste, skal du trykke på pilene  (op) eller  (ned) for at vælge en kanal og derefter trykke på OK for at se den valgte kanal. Du kan kun indstille kanalerne på listen ved hjælp af tasterne  + eller .




### Radiostationer

Hvis der er digitale udsendelser tilgængelige, installeres de digitale radiostationer i forbindelse med installationen. Du kan skifte til en radiostation på samme måde, som du skifter til en TV-kanal.

---

## Åbn en kanalliste

Sådan åbner du den aktuelle kanalliste...


1. Tryk på  for at skifte til TV.
2. Tryk på  for at åbne den aktuelle kanalliste.
3. Tryk på  igen for at lukke kanallisten.

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# Se kanaler

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## Stil ind på en kanal

Tryk på  for at se TV-kanaler. TV'et stiller ind på den kanal, du sidst har set.


### Kanalskift

- For at skifte kanaler skal du trykke på  + eller .

### Forrige kanal

- Tryk på  BACK for at gå tilbage til den forrige kanal.

### Kanalliste

Mens du ser en TV-kanal, skal du trykke på  for at åbne kanallisterne.

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## Kanalindstillinger

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
### Åbn Indstillinger

---

### Common Interface

Hvis du har installeret et CAM i et af de Fælles interfacestik, kan du se CAM og udbyderinformation eller udføre nogle CAM-relaterede indstillinger.

Sådan ser du CAM-oplysninger...

- 1 - Stil ind på kanalen, og tryk på  OPTIONS.
- 2 - Vælg **Fælles interface**.
- 3 - Vælg det relevante Fælles interfacestik, og tryk på  (højre).
- 4 - Vælg TV-udbyder for CAM, og tryk på OK. Følgende skærmbilleder kommer frem fra TV-udbyderen.

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## Undertekster

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### Undertekstsprog

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#### Foretrukne undertekstsprog

En digital udsendelse kan tilbyde flere undertekstsprog for et program. Du kan indstille et foretrukket primært og sekundært undertekstsprog. Hvis undertekster på et af disse sprog er tilgængelige, viser TV'et de undertekster, ud har valgt.

Sådan indstiller du et primært og sekundært undertekstsprog...

- 1 - Tryk på  Hjem. Tryk på  (ned), vælg **Indstillinger**, og tryk på OK.
- 2 - Vælg Region og sprog > Sprog > Primære

undertekster eller Sekundære undertekster.

3 - Vælg det ønskede sprog, og tryk på **OK**.

4 - Tryk på **◀** (venstre) for at gå et trin tilbage, eller tryk på **← BACK** for at lukke menuen.

---

### Vælg et undertekstsprog

Hvis ingen af de foretrukne undertekstsprog er tilgængelige, kan du muligvis vælge et andet undertekstsprog. Hvis intet undertekstsprog er tilgængeligt, kan du ikke vælge denne funktion.

Sådan vælger du et undertekstsprog, når ingen af dine foretrukne sprog er tilgængelige...

1 - Tryk på **⊕ OPTIONS**.

2 - Vælg **Undertekstsprog**, og vælg et af sprogene som undertekster midlertidigt.

---

### Lydsprog

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#### Foretrukne lydsprog

En digital udsendelse kan tilbyde flere lydsprog (sprog) til et program. Du kan angive et primært og sekundært lydsprog. Hvis et af disse lydsprog er tilgængelige, skifter TV'et til lydsproget.

Sådan indstiller du primært og sekundært lydsprog...

1 - Tryk på **🏠** Hjem. Tryk på **▼** (ned), vælg **Indstillinger**, og tryk på **OK**.

2 - Vælg **Region og sprog**, og vælg **Sprog > Primær lyd** eller **Sekundær lyd**.

3 - Vælg det ønskede sprog, og tryk på **OK**.

4 - Tryk på **◀** (venstre) for at gå et trin tilbage, eller tryk på **← BACK** for at lukke menuen.

---

### Vælg et lydsprog

Hvis ingen af de foretrukne lydsprog er tilgængelige, kan du muligvis vælge et andet lydsprog. Hvis ingen lydsprog er tilgængelige, kan du ikke vælge denne funktion.

Sådan vælger du et lydsprog, når ingen af dine foretrukne sprog er tilgængelige...

1 - Tryk på **⊕ OPTIONS**.

2 - Vælg **Lydsprog**, og vælg et af sprogene som lyd midlertidigt.

---

### Kanalinfo

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#### Vis kanaloplysninger

Henter oplysningerne om den valgte kanal...

1 - Stil ind på kanalen.

2 - Tryk på **⊕ OPTIONS**, vælg **Kanalinfo**, og tryk på **OK**.

3 - Tryk på **OK** for at lukke denne skærm.

---

### Mono/stereo

Du kan skifte lyden på en analog kanal til mono eller stereo.

Sådan skifter du til mono eller stereo...

1 - Stil ind på en analog kanal.

2 - Tryk på **⊕ OPTIONS**, vælg **Mono/Stereo**, og tryk på **▶** (højre).

3 - Vælg **Mono** eller **Stereo**, og tryk på **OK**.

4 - Tryk på **◀** (venstre) for at gå et trin tilbage, eller tryk på **← BACK** for at lukke menuen.

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### Programoplysninger

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#### Vis programoplysninger

Sådan henter du oplysningerne om det valgte program...

1 - Stil ind på kanalen.

2 - Tryk på **⊕ OPTIONS**, vælg **Programoplysninger**, og tryk på **OK**.

3 - Tryk på **OK** for at lukke denne skærm.

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11.6

## Kanalinstallation

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### Installer kanaler

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#### Antenne-/kabelinstallation

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#### Søg efter kanaler

Du kan geninstallere alle kanaler og lade alle andre TV-indstillinger urørte.

Hvis der er angivet en PIN-kode, skal du indtaste denne kode, før du kan geninstallere kanaler.

Sådan søger du efter kanaler...

1 - Tryk på **🏠** Hjem > **⚙️** Indstillinger > **Installer kanaler**, og tryk på **OK**.

2 - Vælg **RF-kanalinstallation**, og tryk på **OK**.

3 - Indtast din PIN-kode, hvis det er nødvendigt.

Vælg **Søg efter kanaler**, og tryk på **OK**.

Vælg **Start**, og tryk på **OK**.

Vælg det land, hvor du er nu, og tryk på **OK**.

Vælg **Start**, og tryk på **OK**.

Vælg den ønskede installationstype, **Antenne (DVB-T)** eller **Kabel (DVB-C)**, og tryk på **OK**.

Vælg **Næste**, og tryk på **OK**.

Vælg den kanaltype, du vil have, **Digitale og analoge kanaler** eller **Kun digitale kanaler**, og tryk på **OK**.  
Vælg **Næste**, og tryk på **OK**.  
Vælg **Start**, og tryk på **OK** for at opdatere de digitale kanaler. Dette kan tage nogle få minutter.  
Tryk på **◀** (venstre) for at gå et trin tilbage, eller tryk på **←** BACK for at lukke menuen.

---

### Automatisk kanalopdatering

Hvis du modtager digitale kanaler, kan du indstille TV'et til automatisk at opdatere disse kanaler.

Én gang om dagen, kl. 6:00 om morgenen, opdaterer TV'et kanalerne og gemmer nye kanaler. Nye kanaler gemmes i Kanallisten og markeres med en **★**. Kanaler uden signal fjernes. TV'et skal være på standby for automatisk at kunne opdatere kanaler. Du kan slå automatisk kanalopdatering fra.

Sådan slår du automatisk opdatering fra...

- 1 - Tryk på **☰** Hjem > **⚙** Indstillinger > **Installér kanaler**, og tryk på **OK**.
- 2 - Vælg **RF-kanalinstallation**, og tryk på **OK**.
- 3 - Indtast din PIN-kode, hvis det er nødvendigt.
- 4 - Vælg **Automatisk kanalopdatering**, og tryk på **OK**.
- 5 - Vælg **Fra**, og tryk på **OK**.
- 6 - Tryk på **◀** (venstre) for at gå et trin tilbage, eller tryk på **←** BACK for at lukke menuen.

---

### Kanal, automatisk kanalopdatering

Når nye kanaler er fundet, eller hvis kanaler opdateres eller fjernes, vises en meddelelse, når TV'et tændes. For at undgå, at denne meddelelse vises efter hver kanalopdatering, kan du slå den fra.

Sådan slås meddelelsen fra...

- 1 - Tryk på **☰** Hjem > **⚙** Indstillinger > **Installér kanaler**, og tryk på **OK**.
- 2 - Vælg **RF-kanalinstallation**, og tryk på **OK**.
- 3 - Indtast din PIN-kode, hvis det er nødvendigt.
- 4 - Vælg **Automatisk kanalopdatering**, og tryk på **OK**.
- 5 - Vælg **Fra**, og tryk på **OK**.
- 6 - Tryk på **◀** (venstre) for at gå et trin tilbage, eller tryk på **←** BACK for at lukke menuen.

I visse lande udføres den automatiske kanalopdatering, mens du ser TV, eller når TV'et er på standby.

---

### Digital: Manuel installation

Digitale TV-kanaler kan installeres manuelt en efter en.

Sådan installerer du digitale kanaler manuelt...

- 1 - Tryk på **☰** Hjem > **⚙** Indstillinger > **Installér kanaler**, og tryk på **OK**.
- 2 - Vælg **RF-kanalinstallation**, og tryk på **OK**.
- 3 - Vælg **Digital: Manuel installation**, og tryk på **OK**.
- 4 - Vælg **Søg**, og tryk på **OK**. Du kan selv indtaste en frekvens for at finde en kanal, eller du kan lade TV'et søge efter en kanal. Tryk på **▶** (højre) for at vælge **Søg**, og tryk på **OK** for automatisk at søge efter en kanal. Den fundne kanal vises på skærmen, og hvis der er dårlig modtagelse, skal du trykke på **Søg** igen. Hvis du vil gemme kanalen, skal du vælge **Udført** og trykke på **OK**.

---

### Analog: Manuel installation

Analoge TV-kanaler kan installeres manuelt en efter en.

Sådan installerer du analoge kanaler manuelt.

- 1 - Tryk på **☰** Hjem > **⚙** Indstillinger > **Installér kanaler**, og tryk på **OK**.
- 2 - Vælg **RF-kanalinstallation**, og tryk på **OK**.
- 3 - Vælg **Analoge: Manuel installation**, og tryk på **OK**.

#### • System

Konfigurer Tv-systemet ved at vælge **System**. Vælg dit land eller den del af verden, hvor du befinder dig nu, og tryk på **OK**.

#### • Søg efter

Du finder en kanal ved at vælge **Søg efter kanal** og trykke på **OK**. Du kan selv indtaste en frekvens for at finde en kanal, eller du kan lade TV'et søge efter en kanal. Tryk på **▶** (højre) for at vælge **Søg**, og tryk på **OK** for automatisk at søge efter en kanal. Den fundne kanal vises på skærmen, og hvis der er dårlig modtagelse, skal du trykke på **Søg** igen. Hvis du vil gemme kanalen, skal du vælge **Udført** og trykke på **OK**.

#### • Gem

Du kan gemme kanalen på det aktuelle kanalnummer eller som et nyt kanalnummer. Vælg **Gem aktuel kanal** eller **Gem som ny kanal**, og tryk på **OK**. Det nye kanalnummer vises kortvarigt.

Trinene kan gentages, indtil du har fundet alle tilgængelige, analoge TV-kanaler.

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11.7

## Internettet

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### Start internettet

Du kan surfe på internettet på dit fjernsyn. Du kan se alle internet-websites, men de fleste er ikke egnet til visning på en TV-skærm.

- Visse tilføjelsesprogrammer (f.eks. til visning af sider eller videoer) er ikke tilgængelige på dit TV.
- Du kan ikke sende eller downloade filer.
- Internetsider vises én side ad gangen og på fuldskræm.

Gør følgende for at starte internetbrowseren...

- 1 - Tryk på HOME.
- 2 - Rul ned, og vælg Apps > Internet , og tryk på OK.
- 3 - Indtast en internetadresse, vælg ✓, og tryk på OK.
- 4 - Luk internettet ved at trykke på HOME eller TV.

## Muligheder på internettet

Nogle ekstrafunktioner er tilgængelige til internettet.

Gør følgende for at åbne ekstrafunktionerne...

- 1 - Hav webstedet åbent, og tryk på OPTIONS.
- 2 - Vælg et af elementerne, og tryk på OK.
  - Føj til hurtigopkald: Sådan indtaster du en ny internetadresse.
  - Føj til bogmærker: Tilføj siden som bogmærke
  - Sikkerhed på side: Sådan ser du sikkerhedsniveauet for den aktuelle side.
  - Fanen Ny privat: Åbn fanen Ny privat, og få privat browsing
  - Indstillinger: Indstillinger for zoom, tekststørrelse, tilgængelighedstilstand, vis altid menulinjen og slet (browser) oversigt
  - Hjælp: Oplysninger om internetbrowser
  - Forlad internetbrowser: Luk internetbrowser

11.8

## Smartphones og tablets

### MHL

Dette TV er kompatibelt med MHL™.

Hvis din mobile enhed også er kompatibel med MHL, kan du slutte din mobile enhed til TV'et med et MHL-kabel. Med det tilsluttede MHL-kabel kan du dele indholdet på din mobile enhed med TV-skærmen. Din mobile enhed oplader sit batteri på samme tid. MHL-tilslutningen er velegnet til at se film eller spille spil fra din mobile enhed på TV i længere tid.

#### Opladning

Med det tilsluttede MHL-kabel oplader din enhed, mens TV'et er tændt (ikke på standby).

#### MHL-kabel

Du skal bruge et passivt MHL-kabel (HDMI til mikro-USB) for at tilslutte din mobile enhed til TV'et. Du kan få brug for en ekstra adapter til at oprette forbindelse til din mobile enhed. Brug **HDMI 1 MHL**-tilslutningen for at tilslutte MHL-kablet til TV'et.



MHL, Mobile High-Definition Link og MHL-logoet er varemærker eller registrerede varemærker tilhørende MHL, LLC.

11.9

## Software

### Opdater software

#### Softwareversion

Sådan ser du den nuværende TV-softwareversion...

- 1 - Tryk på , vælg Indstillinger , og tryk på OK.
- 2 - Vælg Opdater software > Aktuel firmware, og tryk på OK.
- 3 - Versionen, frigivelsesnoterne og oprettelsesdatoen vises.
- 4 - Tryk om nødvendigt på (venstre) gentagne gange for at lukke menuen.

#### Opdatering fra websted

Du kan finde den aktuelle firmwareversion på TV'et i menuen Indstillinger under "Opdater software" > "Aktuel firmware".

Besøg [www.philips.com/support](http://www.philips.com/support) regelmæssigt for at se efter nye firmwareopdateringer.

Følg instruktionerne nedenfor for at opdatere firmwaren på dit TV.

Download den nyeste software...

- 1 - Start Internet Explorer.
- 2 - Gå ind på Philips' supportside på <http://www.philips.com/support>.
- 3 - Indtast modelnummeret. (Du kan finde dit modelnummer på en mærkat på bagsiden af TV'et).
- 4 - Når du indtaster TV'ets produktside, skal du vælge Support.
- 5 - Vælg "Software updates" (Softwareopdateringer), og klik på "Download file" (Download fil) for at

downloade softwaren. (Softwaren er tilgængelig som en zip-fil).

6 - Hvis softwareversionen er højere end den version, der er installeret på dit TV, skal du klikke på link til download af softwaren.

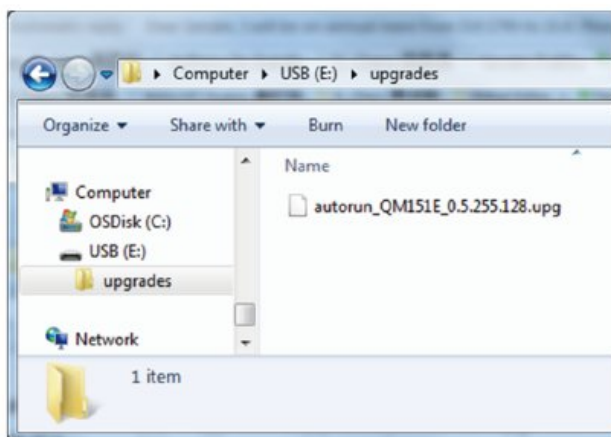
7 - Accepter licensaftalen/Vilkår og betingelser, vælg "I agree" (Jeg accepterer), og derefter downloades zip-filen automatisk.

8 - Udpak zip-filen til en mappe ved hjælp af et arkivværktøj.

9 - Opret en mappe med navnet "opgraderinger" i hovedbiblioteket på dit USB-flashdrev.

10 - Kopier den upg-fil, du udpakke tidligere, ind i mappen med opgraderinger, som vist på billedet nedenfor.

11 - Tag dit USB-flashdrev ud af computeren.



Opdater softwaren...

1 - Tilslut dit USB-flashdrev (med softwareopdateringen) til USB-stikket på TV'et. Vent 30 sekunder, eller indtil USB-drevet genkendes af TV'et.

2 - TV'et begynder at indlæse softwaren automatisk.

3 - Når indlæsningen af softwaren er færdig, skal du trykke på "Start" for at aktivere opgraderingen af TV'et.

# Open source- software

## Open Source-licens

### Om Open Source-licens

VIGTIGT med hensyn til kildekoden for de dele af TV-softwaren fra TP Vision Netherlands B.V., der henhører under open source-licenser.

Dette er et dokument, der beskriver distributionen af kildekoden anvendt på TV'et fra TP Vision Netherlands B.V., som enten henhører under GNU General Public License (GPL) eller GNU Lesser General Public License (LGPL), eller enhver anden open source-licens. Vejledning til at få fat i kopier af denne software finder du i brugsvejledningen.

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### Open Source

#### Android (7.1.1)

This tv contains the Android Nougat Software. Android is a Linux-based operating system designed primarily for touchscreen mobile devices such as smartphones and tablet computers. This software will also be reused in TPVision Android based TV's. The original download site for this software is : <https://android.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.

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

libmtp (1.0.1)

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

libmdnssd (320.10.80)

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

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

libnfc\_ndef ( )

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

libskia ( )

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

libsonivox ( )

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libsqlite (3.9.2)

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

libttspeco ( )

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

libtinyalsa ( )

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

wpa\_supplicant (0.8)

Library used by legacy HAL to talk to wpa\_supplicant

daemon. The original download site for this software is : <http://hostap.epitest.fi/> This piece of software is made available under the terms and conditions of the GPLv2.

libz (1.2.8)

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

iptables (1.4.20)

iptables is a user space application program that allows a system administrator to configure the tables provided by the Linux kernel firewall (implemented as different Netfilter modules) and the chains and rules it stores. Different kernel modules and programs are currently used for different protocols; iptables applies to 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)

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

libOpenMAXAL

(7b8b9c17db93ea5287575b437c77fb36eeb81b31)

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

libEGL libGLESv1\_CM (3.1)

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

libffmpeg\_av (2.1)

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

libcurlmheg (7.21.6)

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

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(af0e32cb84f0c9cc65b9233a3414d2562642b342)

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libpng (1.6.22beta)

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

Hue SDK (1.8.1)

TV ambihue app uses Philips SDK to find the hue bridge name. The original download site for this software is

: <https://developers.meethue.com/documentation/java-multi-platform-and-android-sdk>

Opera Web Browser (SDK 4.8.0)

This TV contains Opera Browser Software.

Third-party licenses

WebKit

name License

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

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

License for Open Sans Font Family

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Version 2.0,  
January 2004

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VL Gothic fonts

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libcurl

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

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libcurl - lib/krb5.c

URL:

[https://github.com/bagder/curl/blob/master/lib/krb5\\_c](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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*
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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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google-glog's symbolization library

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Almost Native Graphics Layer Engine

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Crashpad

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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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and Takuji Nishimura,

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Netscape Plugin Application Programming Interface  
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URL: <http://mxr.mozilla.org/mozilla-central/source/modules/plugin/base/public/>

Version: MPL 1.1/GPL 2.0/LGPL 2.1

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OpenMAX DL

URL:

<https://silver.arm.com/download/Software/Graphics/OX000-BU-00010-r1p0-00bet0/OX000-BU-00010-r1p0-00bet0.tgz>

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OTS (OpenType Sanitizer)

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

PLY (Python Lex-Yacc)

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

PLY (Python Lex-Yacc)

Version 3.4

Protocol Buffers

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

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Quick Color Management System

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

qcms

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re2 - an efficient, principled regular expression library

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

sfntly

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

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SMHasher

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Snappy: A fast compressor/decompressor

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

sqlite

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

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tcmalloc

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

The USB ID Repository

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

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usrstcp

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

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Web Animations JS

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

WebRTC

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

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x86inc

URL:

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

```
.*****  
,  
*****
```

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.* x86inc.asm
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.*****  
,  
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```
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```
.* Authors: Loren Merritt <lorenm@u.washington.edu>
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.* Jason Garrett-Glaser  
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*****  
,*  
*****
```

```
;  
; This is a header file for the x264ASM assembly  
language, which uses  
;  
; NASM/YASM syntax combined with a large number  
of macros to provide easy  
;  
; abstraction between different calling conventions  
(x86_32, win64, linux64).  
;  
; It also has various other useful features to simplify  
writing the kind of  
;  
; DSP functions that are most often used in x264.  
  
;  
; Unlike the rest of x264, this file is available under an  
ISC license, as it  
;  
; has significant usefulness outside of x264 and we  
want it to be available  
;  
; to the largest audience possible. Of course, if you  
modify it for your own  
;  
; purposes to add a new feature, we strongly  
encourage contributing a patch  
;  
; as this feature might be useful for others as well.  
Send patches or ideas  
;  
; to x264-devel@videolan.org .
```

```
zlib  
URL: http://zlib.net/
```

```
/* zlib.h -- interface of the 'zlib' general purpose
```

compression library  
version 1.2.4, March 14th, 2010

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Jean-loup Gailly  
Mark Adler

```
*/
```

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

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V8 JavaScript Engine

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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,

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

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

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# Hjælp og support

## 13.1

### Fejlfinding

#### Tænd og fjernbetjening

##### TV'et tænder ikke

- Tag strømkablet ud af stikkontakten. Vent et minut, og sæt det derefter i igen.
- Sørg for, at strømledningen sidder ordentligt i stikket.

##### Knirkende lyd ved tænd og sluk

Når du tænder, slukker eller sætter TV'et på standby, kan du høre en knirkende lyd fra TV-kabinettet. Den knirkende lyd forårsages af normal udvidelse og sammentrækning af TV'et, når det køler af og varmer op. Dette påvirker ikke ydeevnen.

##### TV'et reagerer ikke, når jeg anvender fjernbetjeningen.

TV'et bruger noget tid på at starte op. I det tidsrum reagerer TV'et ikke på fjernbetjeningen eller TV-betjeningsknapperne. Dette er normalt. Hvis TV'et fortsætter med ikke at reagere på fjernbetjeningen, kan du kontrollere, om fjernbetjeningen virker ved hjælp af et mobiltelefonkamera. Sæt telefonen i kameratilstand og lad fjernbetjeningen pege mod kameraobjektivet. Hvis du trykker på en vilkårlig tast på fjernbetjeningen, og du ser den infrarøde LED flimre gennem kameraet, så virker fjernbetjeningen. TV'et skal efterses. Hvis du ikke ser en flimren, kan fjernbetjeningen være i stykker, eller dens batterier er afladet. Denne metode til kontrol af fjernbetjeningen er ikke mulig med fjernbetjeningen, der er parret trådløst med TV'et.

##### TV'et vender tilbage til standby, efter det har vist Philips-opstartsskærbilledet

Når TV'et er på standby, vises et Philips-opstartsskærbillede, og TV'et vender tilbage til standbytilstand. Dette er normalt. Når TV'et har været frakoblet strømmen og tilsluttes til strømforsyningen igen, vises opstartsskærbilledet, næste gang TV'et startes op. Tryk på **⏻** på fjernbetjeningen eller på TV'et for at tænde TV'et fra standby.

##### Standby-lyset bliver ved med at blinke

Tag strømkablet ud af stikkontakten. Vent i 5 minutter, før du tilslutter strømkablet igen. Hvis TV'et bliver ved med at blinke, kontaktes Philips TV Consumer Care.

## Kanaler

Der blev ikke fundet nogen digitale kanaler under installationen

Se de tekniske specifikationer for at sikre dig, at TV'et understøtter DVB-T eller DVB-C i dit land.

Sørg for, at alle kabler er tilsluttet korrekt, samt at der er valgt det rigtige netværk.

##### Allerede installerede kanaler fremgår ikke af kanallisten

Sørg for, at den rigtige kanalliste er valgt.

## Billede

##### Intet billede/forvrænget billede

- Sørg for, at antennen er tilsluttet korrekt til TV'et.
- Sørg for, at den korrekte enhed er valgt som visningskilde.
- Sørg for, at den eksterne enhed eller kilde er korrekt tilsluttet.

##### Lyd, men intet billede

- Sørg for, at billedindstillingerne er korrekte.

##### Dårlig antennemodtagelse

- Sørg for, at antennen er tilsluttet korrekt til TV'et.
- Højttalere, ikke-jordede lydenheder, neonlys, høje bygninger og andre store genstande kan have indvirkning på modtagekvaliteten. Prøv om muligt at forbedre modtagekvaliteten ved at ændre antenneretningen eller flytte enheder væk fra TV'et.
- Hvis modtagelsen kun er dårlig for en enkelt kanal, kan du forsøge at finindstille den pågældende kanal.

##### Dårligt billede fra en enhed

- Sørg for, at enheden er korrekt tilsluttet.
- Sørg for, at billedindstillingerne er korrekte.

##### Billedet passer ikke til skærmen

Skift til et andet billedformat.

##### Billedpositionen er ikke korrekt

Billedsignaler fra nogle enheder passer ikke helt korrekt til skærmen. Kontroller den tilsluttede enheds signaludgang.

##### Computerbilledet er ikke stabilt

Sørg for, at pc'en kører med den understøttede opløsning og opdateringshastighed.



---

## Lyd

### Ingen lyd eller dårlig lyd kvalitet

Hvis der ikke registreres noget lydsignal, deaktiverer TV'et automatisk lyd gengivelsen – dette indikerer ikke nogen funktionsfejl.

- Kontroller, at lydindstillingerne er indstillet korrekt.
- Sørg for, at alle kabler er korrekt tilsluttet.
- Sørg for, at lyden ikke er slået fra eller indstillet til nul.
- Sørg for, at TV-lydudgangen er sluttet til lydindgangen på den hjemmebiografenheden. Der bør komme lyd fra HTS-højtalerne.
- Nogle enheder kræver muligvis, at du aktiverer HDMI-lydudgangen manuelt. Hvis HDMI-lyden allerede er aktiveret, men du stadig ikke kan høre lyden, så prøv at ændre enhedens digitale lydformat til PCM (Pulse Code Modulation). Se anvisningerne i din enheds medfølgende dokumentation.

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## Tilslutninger

### HDMI

- Vær opmærksom på, at understøttelse af HDCP (High-bandwidth Digital Content Protection) kan forsinke TV'ets gengivelse af indhold fra en HDMI-enhed.
- Hvis TV'et ikke genkender HDMI-enheden, og der ikke vises noget billede, skal du skifte kilde fra en enhed til en anden og tilbage igen.
- Hvis der forekommer periodiske lydforstyrrelser, skal du sørge for at udgangsindstillingerne fra HDMI-enheden er korrekte.
- Hvis du benytter en HDMI-til-DVI-adapter eller et HDMI-til-DVI-kabel, skal du sørge for, at der er tilsluttet et ekstra lyd kabel til AUDIO IN (kun mini-jackstik), hvis dette er tilgængeligt.

### EasyLink virker ikke

- Sørg for, at dine HDMI-enheder er HDMI-CEC-kompatible. EasyLink-funktioner virker kun på enheder, der er HDMI-CEC-kompatible.

### Der vises intet lydstyrkeikon

- Dette er normalt, når en HDMI-CEC-lydenhed er tilsluttet.

### Fotos, videoer og musik fra en USB-enhed vises ikke

- Sørg for, at USB-lagringsenheden er indstillet til kompatibel med masselagringsenhed som beskrevet i dokumentationen til lagringsenheden.
- Sørg for, at USB-lagringsenheden er kompatibel med TV'et.
- Sørg for, at lyd- og billedfilformater understøttes af TV'et.

### Hakkende afspilning af USB-filer

- USB-enhedens overførselsydeevne begrænser muligvis overførselshastigheden til TV'et, hvilket fører til dårlig afspilning.

---

## Wi-Fi, internet og Bluetooth

### Wi-Fi-netværk blev ikke fundet eller er forvrænget.

- Mikrobølgeovne, DECT-telefoner eller andre Wi-Fi 802.11b/g/n/ac-enheder kan forstyrre et trådløst netværk.
- Kontroller, at firewalls i dit netværk tillader adgang for den trådløse TV-forbindelse.
- Hvis det trådløse netværk i dit hjem ikke fungerer korrekt, kan du prøve med en kablet netværksinstallation.

### Internettet fungerer ikke

- Hvis forbindelsen til routeren er i orden, skal du kontrollere routerens forbindelse til internettet.

### PC'en og internetforbindelsen er langsom

- Se brugervejledningen til den trådløse router for at få oplysninger om indendørs rækkevidde, overførselshastighed og andre faktorer, der påvirker signalkvaliteten.
- Brug en internetforbindelse med høj hastighed (bredbånd) til din router.

### DHCP

- Hvis forbindelsen mislykkes, kan du kontrollere routerens DHCP-indstilling (Dynamic Host Configuration). DHCP skal være sat på Til.

### Bluetooth-forbindelsen blev afbrudt

- Steder med en stor mængde trådløs aktivitet - lejligheder med mange trådløse routere - kan hæmme den trådløse forbindelse.

---

## Netværk

### Wi-Fi-netværk blev ikke fundet eller er forvrænget.

- Mikrobølgeovne, DECT-telefoner eller andre Wi-Fi 802.11b/g/n/ac-enheder kan forstyrre et trådløst netværk.
- Kontroller, at firewalls i dit netværk tillader adgang for den trådløse TV-forbindelse.
- Hvis det trådløse netværk i dit hjem ikke fungerer korrekt, kan du prøve med en kablet netværksinstallation.

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- Brug en internetforbindelse med høj hastighed (bredbånd) til din router.

## DHCP

· Hvis forbindelsen mislykkes, kan du kontrollere routerens DHCP-indstilling (Dynamic Host Configuration). DHCP skal være sat på Til.

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13.2

## Onlinehjælp

Du kan finde løsninger på problemer, der vedrører dit Philips TV, ved at åbne vores onlinesupport. Du kan vælge sprog og indtaste produktets modelnummer.

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

På supportwebstedet kan du finde dit lands kontakttelfonnummer samt svar på ofte stillede spørgsmål. I nogle lande kan du chatte med en af vores medarbejdere og stille spørgsmål direkte eller via e-mail.

Du kan downloade ny TV-software eller brugervejledningen og læse den på computeren.

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13.3

## Support og reparation

Du kan få support eller få foretaget reparation ved at ringe til Kundeservice i dit land. Vores serviceteknikere sørger for en reparation, hvis det er nødvendigt.

Find telefonnummeret i den trykte dokumentation, der fulgte med TV'et.

Eller gå til vores websted [www.philips.com/support](http://www.philips.com/support), og vælg om nødvendigt dit land.

### TV'ets modelnummer og serienummer

Du bliver muligvis bedt om at oplyse TV'ets modelnummer og serienummer. Find disse numre på pakkersedlen eller på typeetiketten på bagsiden eller i bunden af TV'et.

### Advarsel

Prøv ikke at reparere TV'et selv. Dette kan medføre alvorlig personskade, uoprettelige skader på TV'et og gøre garantien ugyldig.

# Sikkerhed og pleje

## 14.1

### Sikkerhed

#### Vigtigt!

Sørg for at læse og forstå alle sikkerhedsinstruktioner, før du bruger TV'et. Hvis der opstår skader, fordi instruktionerne ikke følges, bortfalder garantien.

Dette udstyr må ikke ændres uden producentens godkendelse.

#### Risiko for elektrisk stød eller brand

- Udsæt ikke TV'et for regn eller vand. Placer aldrig væskeholdige beholdere, såsom vaser, i nærheden af TV'et.
- Hvis der spildes væsker på eller ned i TV'et, skal det straks tages ud af stikkontakten. Kontakt Philips' kundeservice for at få TV'et undersøgt før brug.
- Udsæt ikke TV'et, fjernbetjeningen eller batterierne for ekstrem varme. Anbring dem aldrig i nærheden af brændende stearinlys, åben ild eller andre varmekilder, herunder direkte sollys.
- Indsæt aldrig genstande i ventilationsristene eller andre åbninger på TV'et.
- Stil ikke tunge genstande oven på netledningen.
- Undgå belastning af strømstik. Løse strømstik kan forårsage lysbuer eller brand. Sørg for ikke at belaste netledningen, når du drejer TV-skærmen.
- Du kan tage strømmen fra TV'et ved at frakoble TV'ets strømstik. Ved frakobling af strømmen må du kun trække i strømstikket, ikke i ledningen. Sørg for, at du til enhver tid har nem adgang til strømstik, strømkabel og stikkontakt.

#### Risiko for personskade eller beskadigelse af TV'et

- Der skal to personer til at løfte og bære et TV, som vejer over 25 kilo.
- Hvis du monterer TV'et på en fod, må du kun anvende den, der fulgte med TV'et. Fastgør foden sikkert på TV'et.
- Anbring TV'et på en flad, plan overflade, der kan bære den vægten af TV'et med fod.
- Hvis du vil vægmontere TV'et, skal du sikre dig, at vægmonteringen er i stand til at bære TV'et. TP Vision er ikke ansvarlig for ukorrekte vægmonteringer, der medfører ulykker, kvæstelse eller skader.
- Dele af dette produkt er fremstillet af glas. Vær

forsigtig for at undgå personskade og beskadigelse af produktet.

#### Risiko for beskadigelse af TV'et!

Før du slutter TV'et til strømmen, skal du sikre dig, at spændingen svarer til den værdi, der er trykt bagpå TV'et. Tilslut aldrig TV'et til stikkontakten, hvis spændingen er forskellig fra denne værdi.

#### Pas på børn i nærheden

Følg disse forholdsregler for at undgå, at TV'et vælter og forårsager skade på børn:

- Anbring ikke TV'et på en overflade, der er dækket af tæpper eller andet materiale, der kan hives væk.
- Undgå, at dele af TV'et hænger ud over kanter eller overflader.
- Anbring aldrig TV'et højt oppe på møbler, f.eks. en reol, uden at fastgøre både møblet og TV'et til væggen eller et passende støttepunkt.
- Fortæl børnene, at de ikke må klatre op på møbler for at kunne nå TV'et.

#### Risiko for at børn kommer til at sluge batterier!

Fjernbetjeningen kan indeholde knapbatterier, som nemt kan sluges af små børn. Opbevar altid disse batterier utilgængeligt for børn.

#### Risiko for overophedning

Installer ikke TV'et på et trangt sted. Sørg altid for, at der er mindst 10 cm rundt om TV'et til ventilation. Sørg for, at gardiner eller andre genstande ikke dækker ventilationsristene på TV'et.

#### Tordenvejr

Afbryd strømmen til TV'et og antennen før tordenvejr.

Rør aldrig ved nogen dele af TV'et, strømkablet eller antennekablet under tordenvejr.

#### Risiko for høreskade

Undgå at bruge øretelefoner eller hovedtelefoner ved høj lydstyrke eller i længere perioder.

---

## Lave temperaturer

Hvis TV'et transporteres ved temperaturer under 5 °C, skal du pakke TV'et ud og vente, indtil TV'et når stuetemperatur, før du slutter det til stikkontakten.

- 5470–5725 MHz : < 27 dBm (EIRP)
- 5725–5825 MHz : < 13,98 dBm (EIRP)

---

## Fugtighed

I sjældne tilfælde, afhængigt af temperatur og luftfugtighed, kan der forekomme en smule kondensering på den indvendige side af TV-glasset (på nogle modeller). Du kan undgå dette ved ikke at udsætte TV'et for direkte sollys, varme eller ekstrem luftfugtighed. Hvis der opstår kondensering, forsvinder den af sig selv, når TV'et har været tændt i et par timer.

Kondensfugten skader ikke TV'et eller forårsager fejlfunktion.

---

14.2

## Vedligeholdelse af skærmen

- Du må aldrig røre ved, skubbe til, gnide på eller slå til skærmen med nogen genstand.
- Tag stikket ud af TV'et, før du rengør skærmen.
- Rengør TV'et og rammen med en blød, fugtig klud, og tør forsigtigt. Brug aldrig stoffer som sprit, kemikalier eller rengøringsmidler på TV'et.
- For at undgå deformationer og falmede farver skal du tørre vanddråber af så hurtigt som muligt.
- Undgå så vidt muligt statiske billeder. Statiske billeder er billeder, der vises på skærmen i lang tid ad gangen. Statiske billeder omfatter skærmmenuer, sorte bjælker, tidsvisninger m.v. Hvis du er nødt til at benytte statiske billeder, kan du reducere skærmens kontrast og lysstyrke for at forebygge skader på skærmen.

---

14.3

## Radiation Exposure Statement

Dette udstyr overholder de CE-grænser for strålingseksposering, der er fastlagt for et ukontrolleret miljø. Dette udstyr skal installeres og betjenes med en minimumsafstand på 20 cm mellem køleren og kabinettet. Frekvens, tilstand og den maksimale transmitterede effekt i EU er angivet nedenfor :

- 2400–2483,5 MHz : < 20 dBm (EIRP)
- 5150–5250 MHz : < 23 dBm (EIRP)
- 5250–5350 MHz : < 23 dBm (EIRP)

# Vilkår for anvendelse

## 15.1

### Brugsvilkår - TV

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Det skriftlige materiale, der fulgte med TV'et, og den manual, der findes i TV'ets hukommelse eller kan downloades fra Philips-webstedet [www.philips.com/support](http://www.philips.com/support), anses for at være passende til den påtænkte brug af systemet.

Materialet i denne brugervejledning anses for at være passende til den påtænkte brug af systemet. Hvis produktet, eller dets enkeltmoduler eller procedurer, anvendes til andre formål end de heri angivne, skal der opnås godkendelse af deres gyldighed og egnethed. TP Vision garanterer, at selve materialet ikke er i strid med US-patenter. Ingen yderligere garanti er udtrykt eller underforstået. TP Vision kan hverken drages til ansvar for fejl i indholdet af dette dokument eller for problemer opstået på baggrund af indholdet i dette dokument. Fejl, der rapporteres til Philips, vil snarest muligt blive tilpasset og offentliggjort på Philips-supportwebstedet.

**Garantivilkår - Risiko for personskaade, beskadigelse af TV'et eller bortfald af garantien!**

Forsøg aldrig selv at reparere TV'et. Brug kun TV'et og dets tilbehør som tilsigtet af producenten.

Advarselsskiltet på bagsiden af TV'et angiver risiko for elektrisk stød. Fjern aldrig TV-inddækningen. Kontakt altid Philips TV-kundeservice i forbindelse med service eller reparationer. Find telefonnummeret i den trykte dokumentation, der fulgte med TV'et. Eller gå til vores websted [www.philips.com/support](http://www.philips.com/support), og vælg dit land, hvis det er nødvendigt. Enhver aktivitet, der udtrykkeligt er forbudt i denne betjeningsvejledning, eller tilpasninger og monteringsvejledninger, der ikke anbefales eller er godkendt i henhold til denne

brugervejledning, gør garantien ugyldig.

#### Pixelegenskaber

Dette LCD/LED-produkt har et højt antal farvepixels. Selv om det har en pixeleffektivitet på 99,999 % eller mere, kan der forekomme sorte prikker eller klare lyspunkter (røde, grønne eller blå) på skærmen. Dette er en konstruktionsmæssig egenskab ved skærmen (ligger inden for normale industristandarder) og er ikke en fejl.

#### CE-overensstemmelseserklæring

Hermed erklærer TP Vision Europe B.V., at dette TV er i overensstemmelse med de væsentlige krav og andre relevante bestemmelser i direktiverne 2014/53/EU (RED), 2009/125/EF (miljøvenligt design) og 2011/65/EF (RoHS).

#### Overensstemmelse med EMF-standarderne

TP Vision producerer og sælger mange forbrugerrelaterede produkter, som for ethvert andet elektronisk apparat generelt er i stand til at udsende og modtage elektromagnetiske signaler. Et af TP Visions overordnede forretningsprincipper er at tage alle nødvendige sundheds- og sikkerhedsforanstaltninger i forbindelse med vores produkter, så de på produktionstidspunktet overholder alle gældende lovkrav og ligger langt inden for de til enhver tid gældende standarder for elektromagnetiske felter (EMF).

TP Vision har forpligtet sig til at udvikle, producere og sende produkter på markedet, der ikke har sundhedsskadelige virkninger. TP Vision bekræfter, at dets produkter, så længe de håndteres korrekt i overensstemmelse med deres tiltænkte formål, kan anvendes sikkert i henhold til den videnskabelige dokumentation, der foreligger i dag. TP Vision spiller en aktiv rolle i udviklingen af internationale EMF- og sikkerhedsstandarder, der gør TP Vision i stand til at forudse yderligere udvikling inden for standardisering, som kan integreres i deres produkter på et tidligt stadie.

## Ophavsrettigheder

### 16.1

#### MHL

##### MHL

MHL, Mobile High-Definition Link og MHL-logoet er varemærker eller registrerede varemærker tilhørende MHL, LLC.



### 16.2

#### HDMI

##### HDMI

Begreberne HDMI og HDMI High-Definition Multimedia Interface samt HDMI-logoet er registrerede varemærker tilhørende HDMI Licensing LLC i USA og andre lande.



### 16.3

#### Dolby Audio

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## DTS-HD Premium Sound™

### DTS-HD Premium Sound™

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### 16.5

## Wi-Fi Alliance

### Trådløst netværk

Wi-Fi®, Wi-Fi CERTIFIED-logoet og Wi-Fi-logoet er registrerede varemærker tilhørende Wi-Fi Alliance.



### 16.6

## Kensington

### Kensington

(Hvis relevant)

Kensington og Micro Saver er registrerede US-varemærker tilhørende ACCO World Corporation med udstedte registreringer og ansøgninger om registrering i andre dele af verden.



## Andre varemærker

Alle andre registrerede og uregistrerede varemærker tilhører de respektive ejere.

# Ansvarsfraskrivelse vedrørende tjenester og/eller software fra tredjeparter

Tjenester og/eller software fra tredjeparter kan ændres, ophæves eller opsiges uden varsel. TP Vision kan ikke tilskrives noget ansvar i sådanne tilfælde.



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This information is correct at the time of print. For updated information, see [www.philips.com/support](http://www.philips.com/support).



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