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LED TV

42PFH5209  
42PFT5209  
47PFH5209  
47PFT5209  
55PFH5209  
55PFT5209

Upute

**PHILIPS**

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# Sadržaj

## 1 Vaš novi televizor 3

- 1.1 Pauziranje i snimanje televizijskog programa 3
- 1.2 EasyLink 3

## 2 Postavljanje 4

- 2.1 Pročitajte sigurnosne upute 4
- 2.2 Postolje televizora i montaža na zid 4
- 2.3 Savjeti za postavljanje 4
- 2.4 Kabel za napajanje 4
- 2.5 Antenski kabel 5

## 3 Priključnice 6

- 3.1 Savjeti za povezivanje 6
- 3.2 EasyLink HDMI CEC 7
- 3.3 Common interface – CAM 8
- 3.4 Set-top box – STB 8
- 3.5 Satelitski prijemnik 8
- 3.6 Sustav kućnog kina – HTS 9
- 3.7 Blu-ray Disc reproduktor 10
- 3.8 DVD reproduktor 10
- 3.9 Igraća konzola 11
- 3.10 USB tvrdi disk 11
- 3.11 USB flash pogon 12
- 3.12 Kamkorder 12
- 3.13 Računalo 12
- 3.14 Slušalice 13

## 4 Uključivanje 14

- 4.1 Uključeno ili Stanje pripravnosti 14

## 5 Daljinski upravljač 15

- 5.1 Pregled tipki 15
- 5.2 Infracrveni senzor 15
- 5.3 Baterije 16
- 5.4 Čišćenje 16

## 6 Televizijski kanali 17

- 6.1 Gledanje televizijskih kanala 17
- 6.2 Instalacija kanala 20

## 7 TV vodič 24

- 7.1 Uporaba TV vodiča 24
- 7.2 Snimke 24
- 7.3 Primanje podataka TV vodiča 24

## 8 Izvori 25

- 8.1 Popis izvora 25
- 8.2 Iz stanja pripravnosti 25
- 8.3 EasyLink 25

## 9 Automatsko isključivanje i sat 26

- 9.1 Automatsko isključivanje 26
- 9.2 Sat 26
- 9.3 Automatsko isključivanje 26

## 10 Vaše fotografije, videozapisi i glazba 27

- 10.1 S USB veze 27

## 11 Pause TV 29

- 11.1 Pause TV 29

## 12 Snimanje 30

- 12.1 Što vam je potrebno 30
- 12.2 Snimanje programa 30
- 12.3 Gledanje snimke 30

## 13 Postavke 31

- 13.1 Slika 31
- 13.2 Igra ili računalo 32
- 13.3 Format i rubovi 33
- 13.4 Zvuk 33
- 13.5 Ambilight 35

## 14 Specifikacije 37

- 14.1 Zaštita okoliša 37
- 14.2 Prijem za PxHxxx9 / PxTxxx9 37
- 14.3 Zaslon 38
- 14.4 Snaga 38
- 14.5 Dimenzije i težina\_5199/5209 38
- 14.6 Mogućnost povezivanja 38
- 14.7 Multimedija 39

## 15 Softver 40

- 15.1 Nadogradnja softvera 40
- 15.2 Verzija softvera 40
- 15.3 Softver otvorenog koda 40
- 15.4 Open source license 40

## 16 Rješavanje problema i podrška 59

- 16.1 Rješavanje problema 59
- 16.2 Registracija 60
- 16.3 Pomoć 60
- 16.4 Pomoć na mreži 60
- 16.5 Korisnička služba / popravak 60

## 17 Sigurnost i održavanje 62

- 17.1 Sigurnost 62
- 17.2 Briga za zaslon 63

## 18 Odredbe uporabe, autorska prava i licence 64

- 18.1 Odredbe korištenja 64
- 18.2 Autorska prava i licence 64

## Indeks 66

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# Vaš novi televizor

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## 1.1

### Pauziranje i snimanje televizijskog programa

Ako povežete USB tvrdi disk, možete pauzirati i snimiti emitirani sadržaj digitalnog televizijskog kanala.



Pauzirajte televizijski program kako biste odgovorili na hitni telefonski poziv ili jednostavno uzeli predah tijekom sportskog susreta, dok televizor sprema emitirani sadržaj na USB tvrdi disk. Poslije možete nastaviti gledati.

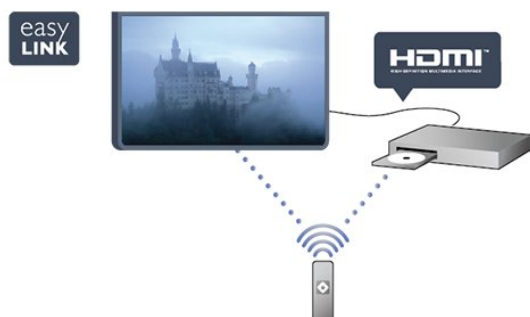
---

## 1.2

### EasyLink

Značajka **EasyLink** omogućava upravljanje povezanim uređajem, npr. Blu-ray Disc reproduktorom, pomoću daljinskog upravljača televizora.

EasyLink koristi HDMI CEC za komunikaciju s povezanim uređajima.



# Postavljanje

## 2.1

### Pročitajte sigurnosne upute

Prije uporabe televizora pročitajte sigurnosne upute.

U odjeljku Pomoć odaberite **Sigurnost i održavanje** > **Sigurnost**.

## 2.2

### Postolje televizora i montaža na zid

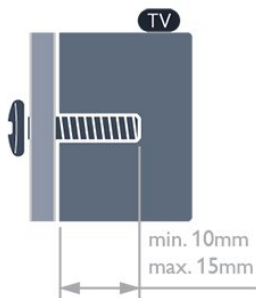
#### Postolje televizora

Upute za montažu postolja televizora pronaći ćete u Kratkim uputama priloženima uz televizor. Ako ste slučajno izgubili te upute, možete ih preuzeti na web-stranici [www.philips.com](http://www.philips.com).

Pomoću serijskog broja televizora pronađite odgovarajuće Kratke upute koje ćete preuzeti.

#### Montaža na zid

Vaš se televizor može montirati pomoću zidnog nosača sukladnog VESA standardu (prodaje se zasebno). Prilikom kupnje zidnog nosača upotrijebite sljedeći VESA kôd . . . Kako biste sigurno pričvrstili nosač, koristite vijak duljine naznačene na crtežu.



- 42Pxx5199 - VESA MIS-F 200x200, M6
- 47Pxx5199 - VESA MIS-F 400x400, M6
- 55Pxx5199 - VESA MIS-F 400x400, M6

#### Pažnja

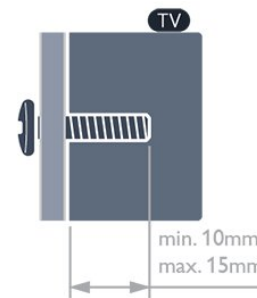
Montaža televizora na zid zahtijeva posebne vještine i trebale bi ga izvoditi kvalificirane osobe. Montaža televizora na zid treba se provesti u skladu sa sigurnosnim standardima vezanima uz težinu televizora. Prije postavljanja televizora pročitajte i sigurnosne mjere.

TP Vision Europe B.V. ne snosi odgovornost za nepravilnu

montažu niti bilo kakvu montažu koja može dovesti do nezgode ili ozljede.

#### Montaža na zid

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- 42Pxx5209 – VESA MIS-F 200 x 200, M6
- 47Pxx5209 – VESA MIS-F 400 x 400, M6
- 55Pxx5209 – VESA MIS-F 400 x 400, M6

#### Pažnja

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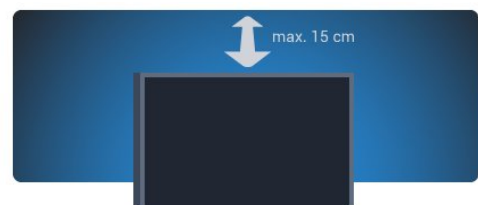
TP Vision Europe B.V. ne snosi odgovornost za nepravilnu montažu niti bilo kakvu montažu koja može dovesti do nezgode ili ozljede.

## 2.3

### Savjeti za postavljanje

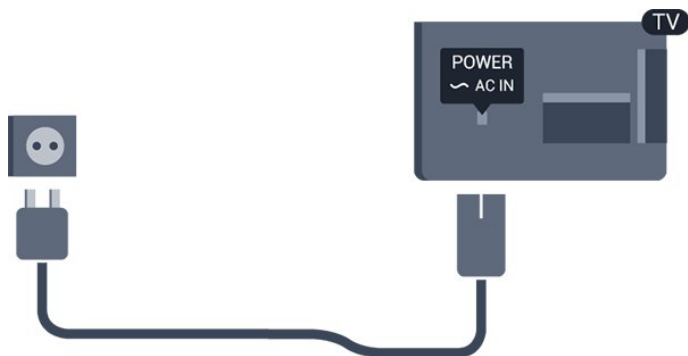
Televizor postavite na mjesto gdje svjetlost ne pada izravno na zaslon.

- Televizor smjestite do 15 cm od zida.
- Idealna udaljenost za gledanje televizije jednaka je veličini dijagonale zaslona uvećanoj tri puta. Kada ste u sjedećem položaju, oči trebaju biti u ravnini sa sredinom zaslona.



## Kabel za napajanje

- Kabel za napajanje ukopčajte u priključnicu za napajanje **POWER** na stražnjoj strani televizora.
- Kabel za napajanje mora biti čvrsto ukopčan u priključnicu.
- Pazite da utikač u zidnoj električnoj utičnici uvijek bude dostupan.
- Prilikom iskopčavanja kabela za napajanje uvijek vucite za utikač, nikada za kabel.



Iako je potrošnja energije ovog televizora kada je u stanju pripravnosti vrlo mala, kako biste uštedjeli energiju, iskopčajte kabel za napajanje ako televizor nećete koristiti duže vrijeme.

## Antenski kabel

Priključak za antenu čvrsto umetnite u priključnicu **ANTENNA** na stražnjoj strani televizora.

Možete povezati svoju antenu ili antenske signale iz distribucijskog sustava. Koristite koaksijalni antenski kabel s IEC RF priključkom, 75 ohma.

Antenski priključak koristite za DVB-T i DVB-C ulazne signale.



# Priključnice

3.1

## Savjeti za povezivanje

### Vodič za povezivanje

Prilikom povezivanja uređaja s televizorom uvijek koristite najkvalitetniju vezu koja je dostupna. Osim toga, koristite kvalitetne kabele kako bi se osigurao dobar prijenos slike i zvuka.

Ako vam je potrebna pomoć za povezivanje nekoliko uređaja s televizorom, možete otvoriti Vodič za povezivanje tvrtke Philips. Vodič pruža informacije o povezivanju i kabelima koje trebate koristiti.

Posjetite [www.connectivityguide.philips.com](http://www.connectivityguide.philips.com)

### Antena

Ako imate set-top box (digitalni prijemnik) ili snimač, kabele za antenu priključite tako da se prijenos signala antene odvija preko set-top box uređaja i/ili snimača do televizora. Na taj način antena i set-top box mogu slati moguće dodatne kanale snimaču.



## HDMI

### HDMI CEC

HDMI veza omogućava sliku i zvuk najbolje kvalitete. Jedan HDMI kabel kombinira video i audio signale. Koristite HDMI kabel za televizijske signale visoke rezolucije (HD) ili Full HD rezolucije (FHD). Za najbolji prijenos kvalitete signala koristite HDMI kabel velike brzine prijenosa i nemojte koristiti HDMI kabel duži od 5 m.



### EasyLink HDMI CEC

Ako su vaši uređaji povezani HDMI kabelom i imaju EasyLink, njima možete upravljati pomoću daljinskog upravljača televizora. Opcija EasyLink HDMI CEC mora biti postavljena na Uključeno i na televizoru i na povezanom uređaju.

### DVI na HDMI


Koristite adapter DVI na HDMI ako uređaj ima samo DVI ulaz. Upotrijebite jednu od HDMI priključnica i priključite Audio L/R kabel (mini priključak od 3,5 mm) u Audio ulaz za zvuk, na stražnjoj strani televizora.

### Zaštita od kopiranja

DVI i HDMI kabele podržavaju HDCP (High-bandwidth Digital Contents Protection). HDCP je signal za zaštitu od kopiranja sadržaja s DVD ili Blu-ray Disc medija. Poznat je i pod nazivom DRM (Digital Rights Management).

### HDMI ARC

HDMI 1 priključnica na televizoru ima HDMI ARC (Audio Return Channel). Ako uređaj, obično sustav kućnog kina (HTS), ima i HDMI ARC priključnicu, povežite ga s HDMI 1 priključnicom na televizoru. Uz HDMI ARC ne morate priključivati dodatni audio kabel koji šalje zvuk televizijske slike sustavu kućnog kina. HDMI ARC kombinira oba signala.

Ako želite isključiti ARC na HDMI priključnicama, pritisnite  i odaberite **Podešavanje** te pritisnite **OK**. Odaberite **TV postavke > Zvuk > Napredno > HDMI 1 – ARC**.

### Scart

SCART predstavlja vezu dobre kvalitete. SCART veza može se koristiti za CVBS i RGB video signale, ali ne za televizijske signale visoke rezolucije (HD). SCART kombinira video i audio signale.

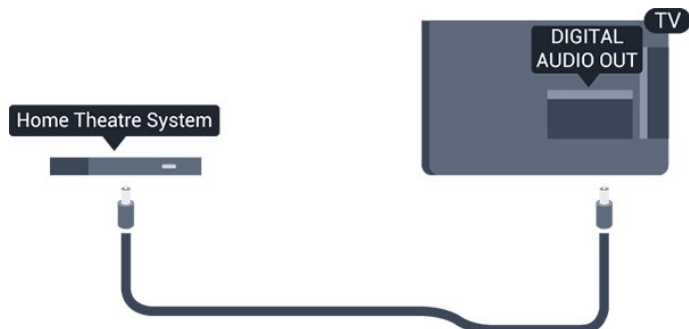
Koristite SCART adapterski kabel kako biste povezali uređaj.



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## Audio izlaz – optički

Audio izlaz – optički predstavlja vrlo kvalitetnu vezu za zvuk. Ova optička veza može prenositi 5.1-kanalni zvuk. Ako uređaj, obično sustav kućnog kina (HTS), nema HDMI ARC priključnicu, ovu vezu možete koristiti uz audio ulaz – optički na kućnom kinu. Audio izlaz – optički šalje zvuk s televizora na sustav kućnog kina.



Možete postaviti vrstu izlaznog audio signala sukladno mogućnostima sustava kućnog kina.

Ako zvuk nije usklađen sa slikom na zaslonu, možete prilagoditi usklađivanje zvuka i slike.

---

3.2

## EasyLink HDMI CEC

### EasyLink

EasyLink omogućava upravljanje povezanim uređajem pomoću daljinskog upravljača televizora. EasyLink koristi HDMI CEC (Consumer Electronics Control) za komunikaciju s povezanim uređajima. Uređaji moraju podržavati HDMI CEC i moraju biti povezani HDMI vezom.



### Postavke za EasyLink

Značajka EasyLink uključena je prema zadanoj opciji. Provjerite jesu li sve postavke za HDMI CEC ispravno postavljene na povezanim uređajima koji imaju EasyLink. EasyLink možda neće raditi s uređajima drugih robnih marki.

### HDMI CEC kod uređaja drugih robnih marki

HDMI CEC funkcionalnost ima razne nazive, ovisno o proizvođaču. Primjeri naziva: Anynet, Aquos Link, Bravia Theatre Sync, Kuro Link, Simplink i Viera Link. Ne podržavaju sve robne marke EasyLink.

Nazivi HDMI CEC funkcije navedeni kao primjer vlasništvo su odgovarajućih vlasnika.

---

## Upravljanje uređajima

Kako biste upravljali uređajem povezanim HDMI vezom i postavili EasyLink, odaberite uređaj ili njegovu aktivnost na popisu veza televizora. Pritisnite **SOURCES**, odaberite uređaj povezan HDMI vezom i pritisnite **OK**.



Nakon odabira uređaja njime se može upravljati pomoću daljinskog upravljača televizora.

Međutim, tipke **HOME** i **OPTIONS** te neke druge tipke specifične za televizor ne mogu se koristiti za uređaj.

Ako tipke koja vam treba nema na daljinskom upravljaču, možete je odabrati u izborniku Opcije.

Pritisnite **OPTIONS** i odaberite **Kontrola** u traci izbornika.

Na zaslonu odaberite tipku uređaja koju trebate i pritisnite **OK**.

Neke vrlo specifične tipke uređaja možda neće biti dostupne u izborniku Kontrola.

Napomena: Samo uređaji koji podržavaju funkciju **Daljinskog upravljača EasyLink** reagirat će na komande s daljinskog upravljača televizora.

---

## Postavke za EasyLink

Sve postavke za EasyLink uključene su prema zadanoj opciji. Bilo koju postavku za EasyLink možete pojedinačno isključiti.

### EasyLink

Potpuno isključenje značajke EasyLink . . .

1. Pritisnite **HOME** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke** > **Općenite postavke** > **EasyLink**.
3. Odaberite **EasyLink**.
4. Odaberite **Isključeno** i pritisnite **OK**.
5. Kako biste zatvorili izbornik, pritisnite **BACK**, više puta ako je potrebno.

### Daljinski upravljač EasyLink

Ako želite da uređaji komuniciraju, ali ne želite njima upravljati pomoću daljinskog upravljača televizora, daljinsku kontrolu EasyLink možete zasebno isključiti.

Pomoću daljinskog upravljača svojeg televizora možete upravljati

većim brojem uređaja koji podržavaju HDMI-CEC.

U izborniku postavki za EasyLink odaberite **Daljinski upravljač EasyLink** i odaberite **Isključeno**.

### Reprodukcija jednim dodirom

Kada se reproducira sadržaj s uređaja koji podržava HDMI-CEC, televizor se uključuje iz stanja pripravnosti i prelazi na odgovarajući izvor.

### Prebacivanje u stanje pripravnosti jednim dodirom

Kad na daljinskom upravljaču televizora pritisnete **⏻**, televizor i svi uređaji koji podržavaju HDMI-CEC prelaze u stanje pripravnosti.

### Kontrola zvuka sustava

Priključite li uređaj koji podržava HDMI-CEC, a ima zvučnice povezane putem HDMI ARC priključka, možete odabrati da se zvuk s televizora emitira putem tih zvučnika, a ne putem zvučnika televizora.

3.3

## Common interface – CAM

### CI+

Ovaj televizor podržava CI+ Conditional Access.

CI+ omogućava gledanje premium HD programa, kao što su filmovi i sportski sadržaji televizijskih kuća koje emitiraju digitalnu televiziju u vašoj regiji. Televizijske kuće kodiraju te programe, a dekodiraju ih uz prethodno plaćeni CI+ modul.

Televizijske kuće koje emitiraju digitalne programe daju CI+ modul (Conditional Access Module – CAM) kada se pretplatite na njihove premium programe. Ti programi imaju visoku razinu zaštite od kopiranja.

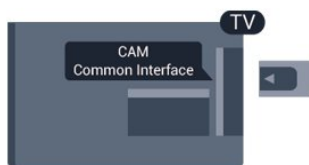
Više informacija o odredbama i uvjetima zatražite od televizijske kuće koja emitira digitalne programe.



## CAM

### Umetanje CAM modula

Prije umetanja CAM modula isključite televizor. Pravilan način umetanja naznačen je na CAM modulu. Nepravilnim umetanjem mogu se oštetiti CAM modul i televizor.



Za umetanje CAM kartice koristite Common Interface utor na televizoru.

Pažljivo umetnite CAM karticu do kraja tako da njezin prednji dio bude okrenut prema vama.

Karticu ostavite u utoru.

Aktivacija CAM modula može potrajati nekoliko minuta.

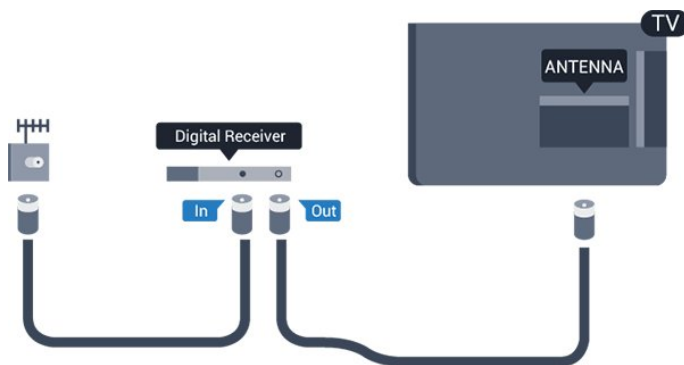
Vađenjem CAM modula deaktivirat će se usluga televizijske kuće na televizoru.

Ako se CAM umetne i plati pretplata, (načini povezivanja mogu se razlikovati), možete gledati sadržaje koje emitira televizijska kuća. Umetnuti CAM može se koristiti isključivo u vašem televizoru.

3.4

## Set-top box – STB

Koristite 2 kabela za antenu kako biste povezali antenu sa set-top box uređajem (digitalni prijemnik) i televizorom.



Osim kabela za antenu, dodajte HDMI kabel kako biste set-top box povezali s televizorom.

Umjesto toga, možete koristiti SCART kabel ako set-top box nema HDMI priključnicu.

### Automatsko isključivanje

Isključite automatski mjerač vremena ako koristite samo daljinski upravljač set-top box uređaja. To učinite kako se televizor ne bi automatski isključivao nakon 4 sata bez pritiskanja tipke na daljinskom upravljaču televizora.

Kako biste isključili Mjerač vremena za isključivanje, pritisnite **⏻** i odaberite **Podešavanje** te pritisnite **OK**.

Odaberite **TV postavke > Općenite postavke > Automatsko isključivanje** i kliznu traku postavite na **Isključeno**.

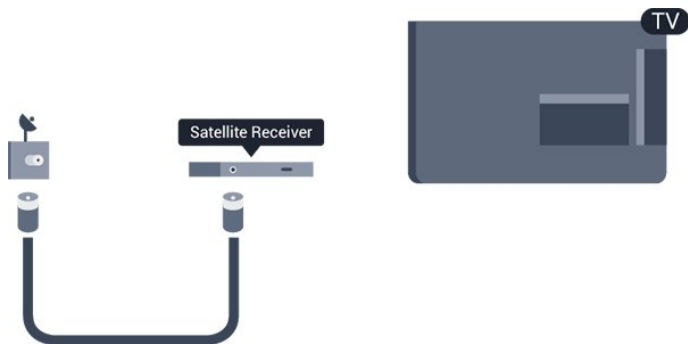
3.5

## Satelitski prijemnik

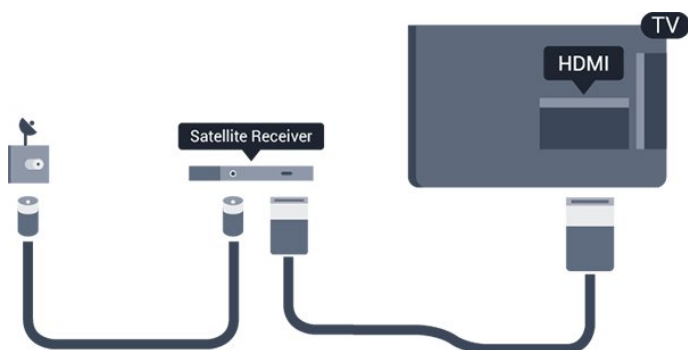
- Samo za televizore s ugrađenim satelitskim tunerom.

Priključite kabel satelitske antene na satelitski prijemnik.





Osim kabela za antenu, dodajte HDMI kabel kako biste uređaj povezali s televizorom. Umjesto toga, možete upotrijebiti SCART kabel ako uređaj nema HDMI priključnicu.



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Kako biste isključili Mjerač vremena za isključivanje, pritisnite **🏠** i odaberite **Podešavanje** te pritisnite **OK**. Odaberite **TV postavke > Općenite postavke > Automatsko isključivanje** i kliznu traku postavite na **Isključeno**.

3.6

## Sustav kućnog kina – HTS

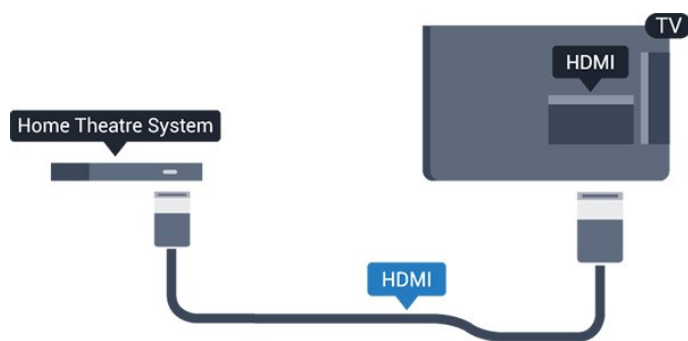
### Povezivanje sustava kućnog kina

Pomoću HDMI kabela povežite sustav kućnog kina (HTS) s televizorom. Možete povezati Soundbar tvrtke Philips ili sustav kućnog kina s ugrađenim reproduktorom diskova. Umjesto toga, možete upotrijebiti SCART kabel ako uređaj nema HDMI priključnicu.

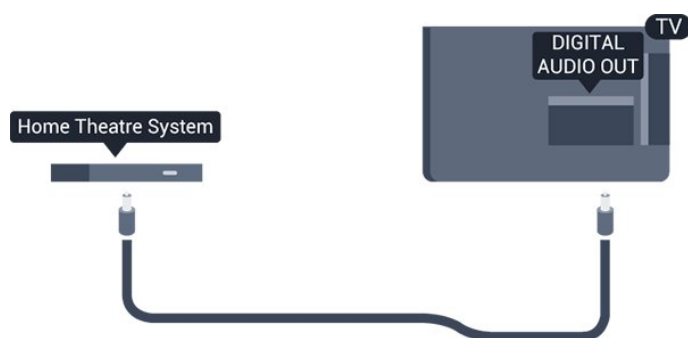
#### HDMI ARC

Ako sustav kućnog kina ima HDMI ARC priključnicu, za povezivanje možete koristiti bilo koju HDMI priključnicu na televizoru. Uz HDMI ARC ne trebate povezivati dodatni audio kabel. HDMI ARC kombinira oba signala. Sve HDMI priključnice na televizoru mogu imati ARC (Audio Return Channel) signal. No nakon povezivanja sustava kućnog

kina televizor može slati ARC signal samo toj HDMI priključnici.



Ako sustav kućnog kina nema HDMI ARC priključnicu, dodajte optički audio kabel (Toslink) za slanje zvuka televizijske slike sustavu kućnog kina.



### Usklađivanje zvuka i slike

Ako zvuk ne odgovara slici na zaslonu, na većini sustava kućnog kina s reproduktorom diskova može se postaviti odgoda kako bi zvuk i slika uskladili.

## Postavke audio izlaza

### Odgoda audio izlaza

Kad je sustav kućnog kina (HTS) povezan s televizorom, slika na televizoru i zvuk iz sustava kućnog kina trebaju biti usklađeni.

### Automatsko usklađivanje zvuka i slike

Kod novijih sustava kućnog kina tvrtke Philips, usklađivanje zvuka i slike izvršava se automatski i uvijek je ispravno.

### Usklađivanje kašnjenja zvuka

Kod nekih sustava kućnog kina možda će se trebati prilagoditi usklađivanje kašnjenja zvuka radi usklađivanja zvuka i slike. Povećavajte vrijednost kašnjenja na sustavu kućnog kina dok ne uskladite sliku i zvuk. Možda će biti potrebna vrijednost kašnjenja 180 ms. Pročitajte korisnički priručnik za sustav kućnog kina. Nakon postavljanja vrijednosti kašnjenja na sustavu kućnog kina trebate isključiti odgodu audio izlaza na televizoru.

Isključivanje odgode audio izlaza . . .

1. Pritisnite **🏠** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Zvuk > Napredno > Odgoda audioizlaza**.

3. Odaberite **Isključeno** i pritisnite **OK**.
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

---

### Pomak audio izlaza

Ako ne možete postaviti odgodu na sustavu kućnog kina, možete postaviti televizor za usklađivanje zvuka. Možete postaviti pomak koji nadoknađuje vrijeme koje je sustavu kućnog kina potrebno za obradu zvuka televizijske slike. Možete postaviti vrijednost u koracima od 1 ms. Maksimalna postavka je 12 ms. Postavka odgode audio izlaza treba biti uključena.

Usklađivanje zvuka na televizoru . . .

1. Pritisnite **⬆** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Zvuk > Napredno > Pomak audioizlaza**.
3. Pomoću klizne trake postavite pomak zvuka i pritisnite **OK**.
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

---

### Format audio izlaza

Ako imate sustav kućnog kina (HTS) s mogućnošću obrade višekanalnog zvuka kao što je Dolby Digital, DTS® ili sličan, postavite Format audio izlaza na opciju Višekanalno. Opcija Višekanalno televizoru omogućava slanje komprimiranog višekanalnog zvučnog signala s televizijskog kanala ili povezanog reproduktora na sustav kućnog kina. Ako imate sustav kućnog kina bez mogućnosti obrade višekanalnog zvuka, odaberite Stereo.

Postavljanje formata audio izlaza . . .

1. Pritisnite **⬆** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Zvuk > Napredno > Format audio izlaza**.
3. Odaberite **Višekanalno** ili **Stereo**.
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

---

### Izjednačavanje audio izlaza

Postavku Izjednačavanje audio izlaza koristite za izjednačavanje glasnoće televizora i sustava kućnog kina prilikom prebacivanja s jednog na drugi. Razlike u glasnoći mogu uzrokovati razlike u obradi zvuka.

Izjednačavanje razlike u glasnoći . . .

1. Pritisnite **⬆** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Zvuk > Napredno > Izjednačavanje audio izlaza**.
3. Ako je razlika u glasnoći velika, odaberite **Više**. Ako je razlika u glasnoći mala, odaberite **Manje**.
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

Izjednačavanje audio izlaza utječe i na audio izlaz – optički i HDMI ARC signale zvuka.

---

## Problemi sa zvukom sustava kućnog kina

### Zvuk s mnogo šuma

Ako gledate videozapis s priključenog USB flash pogona ili povezanog računala, zvuk sa sustava kućnog kina mogao bi biti izobličen.

1. Pritisnite **⬆** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Zvuk > Napredno > Format audio izlaza**.

### Nema zvuka

Ako zvuk s televizora ne čujete putem sustava kućnog kina, provjerite sljedeće . . .

- Provjerite jeste li HDMI kabel priključili u **HDMI ARC** priključnicu na sustavu kućnog kina. Svi HDMI priključci na televizoru podržavaju HDMI ARC.

- Provjerite je li postavka **HDMI ARC** na televizoru postavljena na **Uključeno**.

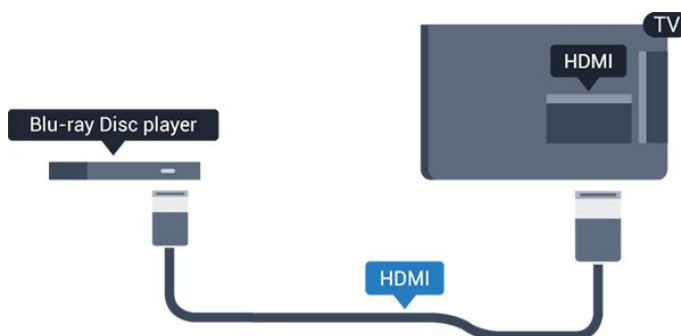
Odaberite **⬆ > Podešavanje > TV postavke > Zvuk > Napredno > HDMI 1-ARC**.

---

3.7

## Blu-ray Disc reproduktor

Koristite **HDMI kabel velike brzine** kako biste povezali Blu-ray Disc reproduktor i televizor.



Ako Blu-ray Disc reproduktor ima EasyLink HDMI CEC, njime možete upravljati pomoću daljinskog upravljača za televizor.

---

3.8

## DVD reproduktor

Za povezivanje DVD reproduktora s televizorom koristite HDMI kabel.

Umjesto toga, možete upotrijebiti SCART kabel ako uređaj

nema HDMI priključnicu.



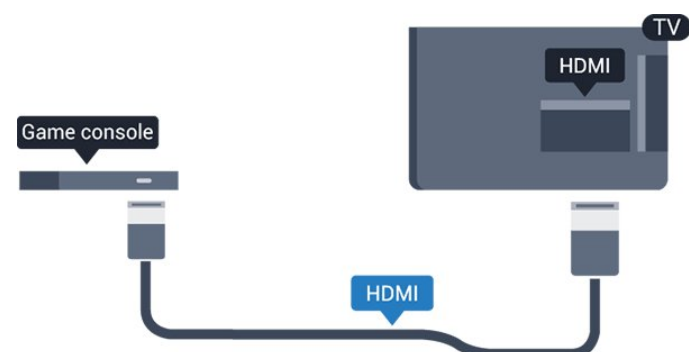
Ako je DVD reproduktor povezan HDMI kabelom i ima EasyLink CEC, njime možete upravljati pomoću daljinskog upravljača za televizor.

3.9

## Igraća konzola

### HDMI

Kako biste dobili najbolju kvalitetu, za povezivanje igraće konzole s televizorom koristite HDMI kabel velike brzine

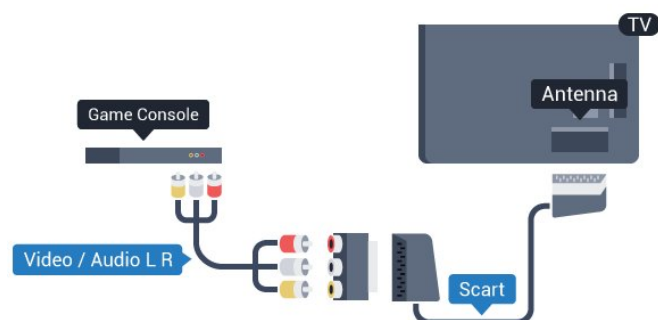


### Video-Audio LR / Scart

Povežite igraću konzolu kompozitnim kabelom (CVBS) i audio L/R kabelom s televizorom.

Ako vaša igraća konzola ima samo Video (CVBS) i Audio L/R izlaz, koristite adapter Video Audio L/R na SCART za povezivanje sa SCART priključkom.

Napomena: Adapter CVBS na Scart nije priložen u kompletu s televizorom.



3.10

## USB tvrdi disk

### Što vam je potrebno

Ako povežete USB tvrdi disk, možete pauzirati ili snimati emitirani televizijski sadržaj. Emitirani sadržaj mora biti digitalni (DVB ili sl.).

#### Pauziranje

Kako biste pauzirali emitirani sadržaj, treba vam tvrdi disk koji podržava USB 2.0 s najmanje 32 GB prostora.

#### Snimanje

Kako biste pauzirali i snimili emitirani sadržaj, treba vam disk s najmanje 250 GB prostora.



### TV vodič

Prije nego odlučite kupiti USB tvrdi disk za snimanje provjerite možete li snimati digitalne televizijske kanale u svojoj državi. Pritisnite **TV GUIDE** na daljinskom upravljaču. Ako na stranici televizijskog vodiča postoji gumb za snimanje, možete snimati.

## Instalacija

Prije pauziranja ili snimanja televizijskog programa morate povezati i formatirati USB tvrdi disk.

1. Povežite USB tvrdi disk s jednom od **USB** priključnica na televizoru. Prilikom formatiranja nemojte povezivati drugi USB uređaj u drugu USB priključnicu.



2. Uključite USB tvrdi disk i televizor.

3. Dok se na televizoru prikazuje digitalni televizijski kanal, pritisnite **II** (Pauza). Pauzom će se pokrenuti formatiranje.

Slijedite upute na zaslonu.

Kada se USB tvrdi disk formatira, ostavite ga stalno povezanog.

### Upozorenje

USB tvrdi disk formatiran je isključivo za ovaj televizor, što znači da spremljene snimke ne možete koristiti na drugom televizoru ili na računalu. Nemojte kopirati niti mijenjati datoteke snimki na USB tvrdom disku pomoću bilo koje računalne aplikacije. Time će se snimke oštetiti. Prilikom formatiranja drugog USB tvrdog diska, sadržaj na prethodnom će se izgubiti. USB tvrdi disk koji je instaliran na televizor morat ćete ponovo formatirati kako biste ga mogli koristiti na računalu.

3.11

## USB flash pogon

Možete prikazivati fotografije ili reproducirati glazbu i videozapise s povezanog USB flash pogona.

Umetnite USB flash pogon u jednu od **USB** priključnica na televizoru dok je televizor uključen.



Televizor će prepoznati flash pogon i otvoriti popis njegovih sadržaja.

Ako se popis sadržaja ne prikaže automatski, pritisnite **SOURCE**, odaberite **USB** i pritisnite **OK**.

Kako biste prekinuli prikaz sadržaja USB flash pogona, pritisnite **TV EXIT** ili odaberite drugu aktivnost.

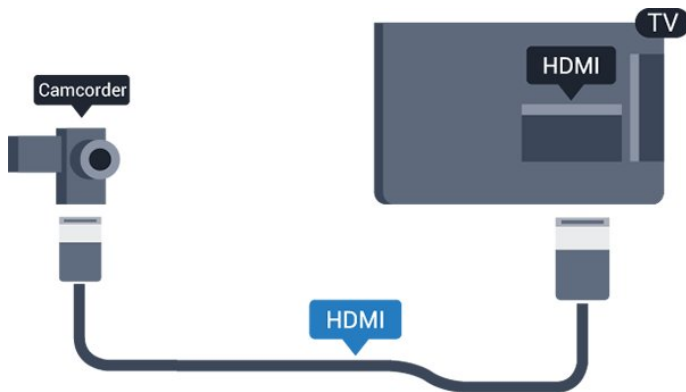
Kako biste prekinuli vezu s USB flash pogonom, možete ga izvući u bilo koje vrijeme.

3.12

## Kamkorder

### HDMI

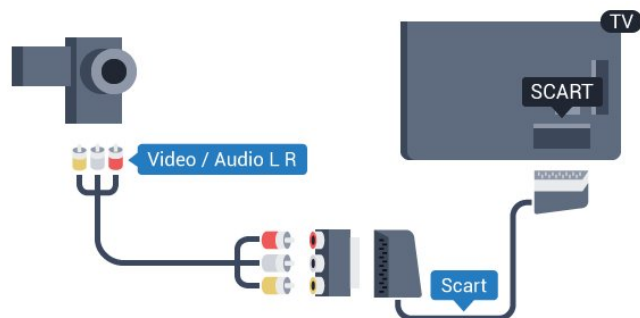
Kako biste dobili najbolju kvalitetu, koristite HDMI kabel za povezivanje kamkordera s televizorom.



### Video-Audio LR / Scart

Za povezivanje kamkordera možete koristiti HDMI, YPbPr ili SCART priključnicu. Ako kamkorder ima samo Video (CVBS) i Audio L/R izlaz, koristite adapter Video Audio L/R na SCART kako biste ga povezali sa SCART priključnicom.

Napomena: Adapter CVBS na Scart nije priložen u kompletu s televizorom.



3.13

## Računalo

### Povezivanje

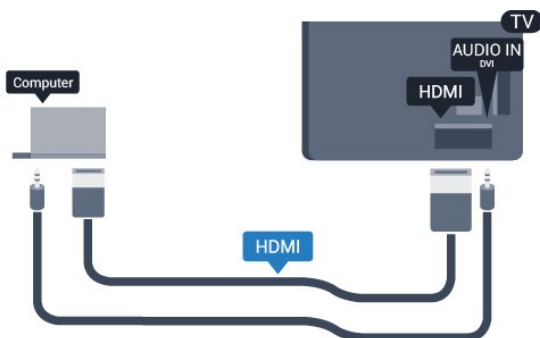
Računalo možete povezati s televizorom i televizor koristiti kao računalni monitor.

#### Uz HDMI

Pomoću HDMI kabela povežite računalo s televizorom.

#### Uz DVI na HDMI

Umjesto toga, možete koristiti adapter DVI na HDMI kako biste računalo priključili na HDMI priključnicu, a audio L/R kabel (mini priključak od 3,5 mm) za priključivanje u AUDIO IN L/R priključnicu na stražnjoj strani televizora.



3. Za podešavanje glasnoće pritisnite ▲ (gore) ili ▼ (dolje).

4. Kako biste zatvorili izbornik, pritisnite ↵, više puta ako je potrebno.



---

## Postavke

### Idealna postavka monitora

Ako je računalo dodano kao vrsta uređaja Računalo u izborniku Izvor (popis priključnica), televizor će se automatski postaviti na idealnu postavku za Računalo.

Ako računalo koristite za gledanje filmova ili igranje igara, bilo bi dobro da televizor vratite na postavke idealne za gledanje ili igranje.

Ručno postavljanje televizora na idealne postavke . . .


1. Pritisnite **⬆** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Slika > Napredno > Igra ili računalo** i pritisnite **OK**.
3. Odaberite **Igra** (za igranje) ili odaberite **Računalo** (za gledanje filma) i pritisnite **OK**.
4. Kako biste zatvorili izbornik, pritisnite **↵**, više puta ako je potrebno.

Ne zaboravite postavku Igra ili postavku računala vratiti na **Računalo** kada završite s igranjem igre.

---

3.14

## Slušalice

Možete priključiti slušalice u priključnicu  na televizoru. Priključak je mini priključak od 3,5 mm. Glasnoću slušalica možete zasebno prilagoditi.

Prilagodba glasnoće . . .

1. Pritisnite **⬆** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Zvuk > Glasn. u slušal.** i pritisnite **OK**.

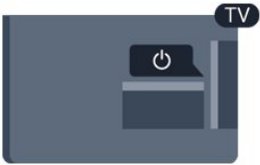
# Uključivanje


## 4.1

### Uključeno ili Stanje pripravnosti

Prije uključivanja televizora provjerite je li kabel napajanja ukopčan na stražnjoj strani televizora.


Ako je crveni indikator isključen, pritisnite tipku za uključivanje/isključivanje na bočnoj strani televizora kako bi televizor prešao u stanje pripravnosti – crveni indikator počeo će svijetliti.



Dok je televizor u stanju pripravnosti, pritisnite  na daljinskom upravljaču kako biste uključili televizor.



#### Prebacivanje u stanje pripravnosti

Kako biste televizor prebacili u stanje pripravnosti, pritisnite  na daljinskom upravljaču.

#### Isključivanje

Kako biste isključili televizor, pritisnite tipku za uključivanje/isključivanje na bočnoj strani televizora. Crveni indikator je isključen. Televizor je još uvijek priključen na mrežno napajanje, ali troši minimalnu količinu energije. Kako biste televizor potpuno isključili, iskopčajte utikač. Prilikom iskopčavanja utikača uvijek vucite utikač, a ne kabel. Osigurajte potpun pristup utikaču, kabelu za napajanje i utičnici u svakom trenutku.

# Daljinski upravljač

5.1

## Pregled tipki

### Gornja



#### 1. Stanje pripravnosti / Uključeno

Uključivanje televizora ili vraćanje u stanje pripravnosti.

Tipke za **2. reprodukciju**

- Reprodukcijska , za reprodukciju.
- Pauza , za pauziranje reprodukcije
- Zaustavljanje , za zaustavljanje reprodukcije
- Premotavanje unatrag , za premotavanje unatrag
- Brzo premotavanje unaprijed , za brzo premotavanje unaprijed
- Snimanje , za trenutno snimanje

#### 3. TV GUIDE

Otvaranje ili zatvaranje televizijskog vodiča.

#### 4. SETUP

Otvaranje izbornika Postavke.

#### 5. FORMAT

Otvaranje ili zatvaranje izbornika Format slike.

### Tipke u sredini



#### 1. SOURCES

Otvaranje ili zatvaranje izbornika Izvori – popis povezanih uređaja.

#### 2. Tipke u boji

Funkcije tipki prate upute na zaslonu.

#### 3. INFO

Otvaranje ili zatvaranje informacija o programu.

#### 4. BACK

Kako biste se vratili na prethodni kanal koji ste odabrali. Zatvaranje izbornika bez promjene postavke.

#### 5. HOME

Otvaranje ili zatvaranje izbornika Početak.

#### 6. EXIT

Vraćanje na gledanje televizije.

#### 7. OPTIONS

Otvaranje ili zatvaranje izbornika Opcije.

#### 8. Tipka OK

Potvrda odabira ili postavke.

#### 9. Tipke sa strelicama / navigacijske tipke

Navigacije prema gore, dolje, ulijevo ili udesno.

#### 10. LIST

Otvaranje ili zatvaranje popisa kanala.

### Donje tipke



#### 1. Glasnoća

Podešavanje razine glasnoće.

#### 2. Numeričke tipke i tipke sa slovima

Izravni odabir televizijskog kanala ili unos teksta.

#### 3. SUBTITLE

Uključivanje/isključivanje titlova ili postavljanje na Automatski.

#### 4. Kanal

Prelazak na sljedeći ili prethodni kanal na popisu kanala, otvaranje sljedeće ili prethodne stranice teletexta, pokretanje sljedećeg ili prethodnog poglavlja na disku.

#### 5. Isključeni zvuk

Isključivanje zvuka i njegovo ponovno uključivanje.

#### 6. TEXT

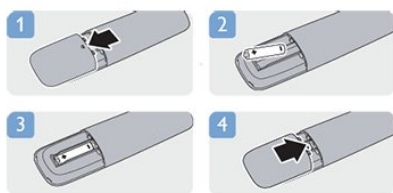
Otvaranje ili zatvaranje teletexta.

## Infracrveni senzor

Televizor može primati naredbe s daljinskog upravljača koji koristi IR (infracrvenu vezu) za slanje naredbi. Ako koristite takav daljinski upravljač, uvijek usmjerite daljinski upravljač prema infracrvenom senzoru na prednjoj strani televizora.

## Baterije

1. Gumite poklopac odjeljka za baterije u smjeru koji naznačuje strelica.
2. Stare baterije zamijenite s 2 baterije **AAA-LR03-1,5 V**. Pazite da polovi + i - na baterijama budu ispravno poravnati.
3. Vratite poklopac odjeljka za baterije na odgovarajuće mjesto.
4. Gurajte ga natrag dok ne sjedne na mjesto.



Ako daljinski upravljač ne koristite duže vrijeme, izvadite baterije. Stare baterije sigurno odložite u skladu s propisima o odlaganju starih baterija.

## Čišćenje

Vaš daljinski upravljač ima premaz otporan na ogrebotine.

Daljinski upravljač čistite mekom, vlažnom krpom. Daljinski upravljač nikada nemojte čistiti tvarima kao što su alkohol, kemikalije ili sredstva za čišćenje u kućanstvu.



# Televizijski kanali

6.1

## Gledanje televizijskih kanala

### Mijenjanje kanala

Kako biste gledali televizijske kanale, pritisnite **TV**. Televizor će se uključiti na posljednjem kanalu koji ste gledali.

Umjesto toga pritisnite **HOME** kako biste otvorili izbornik Početak i zatim odaberite **TV** te pritisnite **OK**.



Kako biste promijenili kanale, pritisnite **CH +** or **CH -**. Ako znate broj kanala, unesite ga pomoću numeričkih tipki.

**Pritisnite OK nakon unosa broja kako biste promijenili kanal.**

Kako biste se vratili na prethodni kanal koji ste gledali, pritisnite **↶**.

### Odabir kanala s popisa kanala

Dok gledate televizijski kanal, pritisnite **≡ LIST** kako biste otvorili popise kanala.



Popis kanala može sadržavati nekoliko stranica s kanalima. Kako bi se prikazala sljedeća ili prethodna stranica, pritisnite **≡ +** ili **≡ -**.

Kako biste zatvorili popise kanala bez promjene kanala, ponovo pritisnite **≡ LIST**.

### Radijski kanali

Ako je digitalno emitiranje dostupno, digitalni radijski kanali instaliraju se prilikom instalacije. Radijske kanale mijenjajte na isti način na koji mijenjate televizijske.

## Popis kanala

### Prikaz popisa svih kanala

1. Dok gledate televizijski kanal, pritisnite **≡ LIST** kako biste otvorili popis kanala.
2. Pritisnite **≡ OPTIONS** kako biste otvorili izbornik Opcije.
3. Odaberite **Popis**, zatim možete odabrati **Sve**, **Omiljeni**, **Radio** ili **Novi kanali**.

### Omiljeni kanali

Možete izraditi popis omiljenih kanala koji sadrži samo kanale koje želite gledati. Ako odaberete popis kanala Favoriti, prilikom pomicanja kroz kanale prikazivat će se samo omiljeni kanali.

### Izrada popisa omiljenih kanala

1. Dok gledate televizijski kanal, pritisnite **≡ LIST** kako biste otvorili popis kanala.
2. Odaberite kanal koji želite označiti kao omiljeni i pritisnite **≡ OPTIONS**.
3. Odaberite **Dodaj omiljene** i pritisnite **OK**. Odabrani kanal označen je s **★**.
4. Kako biste završili, pritisnite **↶**. Kanali su dodani na popis omiljenih.
5. Kako biste kanal izbrisali s popisa omiljenih, odaberite kanal pomoću **★**, zatim pritisnite **≡ OPTIONS**, odaberite **Ukloni omiljene** i pritisnite **OK**.

### Promjena redoslijeda

Možete promijeniti redoslijed, tj. položaj, kanala na popisu omiljenih kanala.

1. Na popisu kanala **Favoriti** istaknite kanal koji želite premjestiti.
2. Pritisnite **□**.
3. Odaberite **Poredaj iznova** i pritisnite **OK**.
4. Odaberite kanal koji želite premjestiti i pritisnite **OK**.
5. Pritisnite **tipke za navigaciju** kako biste istaknuli kanal premjestili na drugu lokaciju i pritisnite **OK**.
6. Kada završite pritisnite **≡ OPTIONS**.
7. Odaberite **Zatvori promjenu redoslijeda** i pritisnite **OK**.

Možete istaknuti drugi kanal i ponoviti postupak.

### Dodavanje omiljenih kanala na popis ili uklanjanje s njega

Kanale i radijske stanice na popisima **Sve**, **Radio** i **Novi** možete označiti kao omiljene.

Na tim popisima istaknite kanal koji želite dodati na popis omiljenih i pritisnite **≡ OPTIONS**. Odaberite **Dodaj omiljene** i pritisnite **OK**.

Odabrani kanal označen je s **★**.

Kako biste kanal izbrisali s popisa omiljenih, odaberite **Ukloni omiljene** i pritisnite **OK**.

---

## Promjena naziva kanala

Možete preimenovati kanale na popisu kanala.

1. Na jednom od popisa kanala odaberite kanal koji želite preimenovati.
2. Pritisnite **≡ OPTIONS**.
3. Odaberite **Preim.** i pritisnite **OK**.

---

## Zaključavanje kanala

Kako biste djecu spriječili da gledaju određeni kanal ili program, možete blokirati kanale ili programe koji nisu prikladni za djecu.

### Zaključavanje kanala

Kanal možete blokirati kako biste spriječili djecu da ga gledaju. Kako biste gledali blokirani program, morate unijeti kôd za blokadu. Ne možete blokirati programe s povezanih uređaja.

Zaključavanje kanala . . .

1. Dok gledate televizijski kanal, pritisnite **≡ LIST** kako biste otvorili **Popis kanala**.
2. Na bilo kojem popisu odaberite kanal koji želite blokirati.
3. Pritisnite **≡ OPTIONS** i odaberite **Zaključaj kanal**. Na popisu kanala blokirani kanal označen je s **🔒**.

Kako biste deblokirali kanal, odaberite blokirani kanal na popisu kanala, pritisnite **≡ OPTIONS**, i odaberite **Deblokiraj kanal**. Morat ćete unijeti kod za blokadu.

### Roditeljski nadzor

Kako biste djecu spriječili u gledanju programa koji nije prikladan njihovoj dobnoj skupini, možete upotrijebiti klasifikaciju prema dobnoj skupini.

Neke televizijske kuće koje nude digitalnu televiziju svoje programe dijele prema dobnim skupinama. Ako je klasifikacija prema dobnoj skupini jednaka ili viša od one koju ste postavili za dob svojeg djeteta, program će se blokirati.

Kako biste gledali blokirani program, morate unijeti kod za blokadu uređaja. Roditeljski nadzor postavljen je za sve kanale.

Postavljanje dobne skupine . . .

1. Pritisnite **🏠** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **Postavke kanala > Blokada uređaja > Rodit. kontrola** i pritisnite **OK**.
3. Unesite 4-znamenkasti kod za blokadu. Unesite 4-znamenkasti kod za blokadu i potvrdite ga. Nakon toga možete postaviti klasifikaciju prema dobnoj skupini.
4. Postavite dob i pritisnite **OK**.
5. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.
6. Kako biste isključili klasifikaciju prema dobnoj skupini, odaberite **Ništa** za postavku dobne skupine.

Televizor će zatražiti kôd za poništenje blokade programa. Kod nekih televizijskih kuća / dobavljača usluga televizor blokira samo programe za starije dobne skupine.

## Postavljanje ili promjena koda za blokadu

Postavljanje koda za blokadu ili promjena trenutnog koda . . .

1. Pritisnite **🏠** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **Postavke kanala > Blokada uređaja > Promijeni kod** i pritisnite **OK**.
3. Ako je kôd već postavljen, unesite trenutni kôd za blokadu i zatim dva puta unesite novi kôd.

Novi kôd je postavljen.

### Zaboravili ste svoj kôd?

Kako biste zamijenili kôd za blokadu i unijeli novi u slučaju da ga zaboravite, unesite **8888**.

---

## Format slike

Ako se crne trake prikazuju na vrhu, dnu ili s obje strane slike, možete prilagoditi format slike na onaj koji ispunjava zaslon.

Promjena formata slike . . .

1. Dok gledate televizijski kanal, pritisnite **📺** kako biste otvorili izbornik **Format slike**.
2. Odaberite format s popisa i pritisnite **OK**.

Dostupni su sljedeći formati sukladno slici na zaslonu . . .

### - Automatski

Prilagodba formata slike sukladno izvoru ulaza.

### - Super zum

Uklanjanje crne trake na bočnim stranama slike emitirane u formatu 4:3. Slika se podešava kako bi odgovarala zaslonu.

### - Filmsko proširenje slike 16:9

Skaliranje formata 4:3 na 16:9. Ne preporučuje se za HD ili osobno računalo.

### - Široki zaslon

Razvlačenje slike u format 16:9.

### - Nerazmjeran

Profesionalni način rada za prikaz HD sadržaja ili slike s računala. Prikaz "piksel po piksel". Mogu se vidjeti crne trake prilikom prikaza slike s računala.

### - 4:3

Prikaz klasičnog formata 4:3.

---

## Teletekst

### Stranice teleteksta

Kako biste otvorili teletekst, dok gledate televizijske kanale, pritisnite **TEXT**.

Kako biste zatvorili teletekst, ponovo pritisnite **TEXT**.



## Odabir stranice teleteksta

Odabir stranice . . .

1. Unesite broj stranice pomoću numeričkih tipki.
2. Krećite se pomoću navigacijskih tipki.
3. Pritisnite tipku u boji za odabir neke od stavki označenih bojama na dnu zaslona.

## Podstranice teleteksta

Pod brojem stranice teleteksta može biti nekoliko podstranica. Brojevi podstranica prikazuju se na traci pokraj broja glavne stranice.

Kako biste odabrali podstranicu, pritisnite ◀ ili ▶.

## Stranice T.O.P. teleteksta

Neke televizijske kuće nude T.O.P. teletekst.

Kako biste otvorili T.O.P. teletekst unutar teleteksta, pritisnite **≡ OPTIONS** i odaberite **T.O.P. pregled**.

## Omiljene stranice

Televizor sastavlja popis posljednjih 10 otvorenih stranica teleteksta. Možete ih jednostavno ponovo otvoriti u stupcu Omiljene stranice teleteksta.

1. U prikazu teleteksta odaberite zvjezdicu u gornjem lijevom kutu zaslona kako bi se prikazao stupac omiljenih stranica.
2. Pritisnite ▼ (dolje) ili ▲ (gore) kako biste odabrali broj stranice i pritisnite **OK** za otvaranje stranice.

Popis možete očistiti tako da odaberete **Izbriši omiljene stranice**.

## Pretraživanje teleteksta

Možete odabrati riječ i zatim u tekstu pretražiti sva pojavljivanja te riječi.

1. Otvorite stranicu teleteksta i pritisnite **OK**.
2. Pomoću tipki sa strelicama odaberite riječ ili broj.
3. Ponovo pritisnite **OK** kako biste odmah prešli na sljedeće mjesto na kojem se pojavljuje određena riječ ili broj.
4. Ponovo pritisnite **OK** za prelazak na sljedeće mjesto.
5. Kako biste zaustavili pretraživanje, pritišćite ▲ (gore) dok više ništa ne bude odabrano.

## Teletekst s povezanog uređaja

Neki uređaji koji primaju televizijske kanale mogu nuditi i teletekst.

Otvaranje teleteksta s povezanog uređaja . . .

1. Pritisnite **📶**, odaberite uređaj i pritisnite **OK**.
2. Dok gledate kanal na uređaju, pritisnite **≡ OPTIONS**, odaberite **Prikaz tipki uređaja** i odaberite tipku **📶** te pritisnite

**OK**.

3. Pritisnite **↩** kako biste sakrili tipke uređaja.

4. Kako biste zatvorili teletekst, ponovo pritisnite **↩**.

## Digitalni tekst (samo u Ujedinjenom Kraljevstvu)

Neke televizijske kuće koje emitiraju digitalne programe nude namjenske usluge digitalnog teksta ili interaktivne televizije na svojim digitalnim televizijskim kanalima. To obuhvaća uobičajeni teletekst za koji se upotrebljavaju numeričke tipke, tipke sa strelicama i tipke u boji za odabir i kretanje.

Kako biste zatvorili digitalni tekst, pritisnite **↩**.

## Opcije teleteksta

U teletekstu pritisnite **≡ OPTIONS** kako biste odabrali nešto od sljedećeg . . .

### - Zamrzavanje stranice / odmrzavanje stranice

Zaustavljanje automatske rotacije podstranica.

### - Dvostruki prikaz na zaslonu / Pun zaslon

Prikaz televizijskog kanala i teleteksta jednoga uz drugi.

### - T.O.P. pregled

Otvaranje T.O.P. teleteksta.

### - Povećanje / normalan prikaz

Povećanje stranice teleteksta radi ugodnijeg čitanja.

### - Otkrij

Prikaz skrivenih informacija na stranici.

### - Listaj podstranice

Listanje podstranica kada su one dostupne.

### - Jezik

Promjena skupine znakova koje teletekst koristi za ispravan prikaz.

### - Teletekst 2.5

Aktivacija Teleteksta 2.5 koji nudi više boja i bolju grafiku.

## Postavljanje teleteksta

### Jezik teleteksta

Neke televizijske kuće koje emitiraju digitalne programe nude više jezika teleteksta.

Postavljanje primarnog i sekundarnog jezika teleteksta . . .

1. Pritisnite **🏠** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **Postavke kanala > Jezici**.
3. Odaberite **Primarni teletekst** ili **Sekundarni teletekst**.
4. Odaberite željene jezike teleteksta.
5. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

### Teletekst 2.5

Ako je dostupan, Teletekst 2.5 pruža više boja i bolju grafiku. Teletekst 2.5 je aktiviran kao standardna tvornička postavka.

## Isključivanje Teleteksta 2.5 . . .

1. Pritisnite **TEXT**.
2. Dok gledate teletekst, pritisnite **≡ OPTIONS**.
3. Odaberite **Teletekst 2.5 > Isključeno**.
4. Pritisnite **↩**, više puta ako je potrebno, kako biste zatvorili izbornik.

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## Titlovi i jezici

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### Titl

#### Uključivanje titlova

Kako biste otvorili izbornik titlova, pritisnite **SUBTITLE**. Titlove možete postaviti na **Titlovi isključeni**, **Titlovi uključeni** ili **Automatski**. Kako bi se titlovi prikazivali kada emitirani program nije na vašem jeziku, tj. jeziku koji ste postavili na televizoru, odaberite **Automatski**. Osim toga, ova postavka omogućava prikaz titlova kada isključite zvuk pomoću tipke **🔊**. Kad su u pitanju analogni kanali, titlove treba omogućiti u opciji **Teletekst**.



#### Titlovi za digitalne kanale

Za digitalne kanale ne treba postavljati titlove u opciji Teletekst. Digitalni kanali mogu nuditi nekoliko jezika titlova za program. Možete postaviti željeni primarni i sekundarni jezik titlova. Ako su dostupni titlovi na jednom od tih jezika, televizor će ih prikazati. Ako nije dostupan nijedan od željenih jezika titlova, možete odabrati neki drugi jezik titlova koji je dostupan.

Postavljanje primarnog i sekundarnog jezika titlova . . .

1. Pritisnite **🏠** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **Postavke kanala** i zatim odaberite **Jezici**.
3. Odaberite **Jezik primarnih titlova** ili **Jezik sekundarnih titlova** i pritisnite **OK**.
4. Odaberite jezik i pritisnite **OK**.
5. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

Odabir jezika titlova kada nijedan od željenih jezika nije dostupan . . .

1. Pritisnite **≡ OPTIONS**.
2. Odaberite **Jezik titlova** i odaberite jezik koji želite privremeno te pritisnite **OK**.

#### Titlovi za analogne kanale

Kad su u pitanju analogni kanali, titlove treba ručno omogućiti za svaki kanal.

1. Prijeđite na kanal i pritisnite **TEXT** kako biste otvorili teletekst.
2. Unesite broj stranice za titlove, obično **888**.
3. Ponovo pritisnite **TEXT** kako biste zatvorili teletekst.

Ako u izborniku Titlovi odaberete Uključeno dok gledate određeni analogni kanal, titlovi će se prikazati ako su dostupni. Kako biste provjerili je li kanal analogni ili digitalni, prijeđite na kanal i otvorite **Status** u izborniku **Opcije**.

---

### Audio jezici

Digitalni televizijski kanali mogu emitirati nekoliko audio jezika za određeni program. Možete postaviti željeni primarni i sekundarni audio jezik. Ako je dostupan jedan od tih audio jezika, televizor će prijeći na njega.

Ako nije dostupan nijedan od željenih audio jezika, možete odabrati neki drugi audio jezik koji je dostupan.

Postavljanje primarnog i sekundarnog audio jezika . . .

1. Pritisnite **🏠** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **Postavke kanala** i zatim odaberite **Jezici**.
3. Odaberite **Primarni audio jezik** ili **Sekundarni audio jezik** te pritisnite **OK**.
4. Odaberite jezik i pritisnite **OK**.
5. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

Kako biste odabrali audio jezik kada nije dostupan nijedan od željenih audio jezika . . .

1. Pritisnite **≡ OPTIONS**.
2. Odaberite **Audio jezik** i zatim audio jezik koji želite privremeno te pritisnite **OK**.

#### Audio jezici za osobe oštećenog sluha i osobe slabijeg vida

Neki digitalni kanali emitiraju poseban zvuk i titlove prilagođene osobama oštećenog sluha i osobama slabijeg vida.

---

### Jezik izbornika

Promjena jezika televizijskih izbornika i poruka . . .

1. Pritisnite **🏠** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Općenite postavke > Jezik izbornika** i pritisnite **OK**.
3. Odaberite željeni jezik i pritisnite **OK**.
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

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6.2

## Instalacija kanala

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## Ažuriranje kanala

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### Automatsko ažuriranje

Ako primete digitalne kanale, televizor možete postaviti na automatsko ažuriranje popisa novim kanalima. Umjesto toga, možete i sami pokrenuti ažuriranje kanala.


### Automatsko ažuriranje kanala

Jednom dnevno, u 6:00, televizor ažurira kanale i pohranjuje nove kanale. Novi kanali pohranjuju se na popis Sve, ali i na popis kanala Novi. Prazni kanali se uklanjaju. Ako se pronađu novi kanali ili ako se kanali ažuriraju ili uklone, prikazat će se poruka prilikom pokretanja televizora. Televizor mora biti u stanju pripravnosti kako bi se kanali automatski ažurirali.

Isključivanje poruke prilikom pokretanja . . .


1. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **Postavke kanala** i pritisnite **OK**.
3. Odaberite **Instalacija kanala > Poruka o ažuriranju kanala > Isključeno**.

Isključivanje automatskog ažuriranja kanala . . .

1. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **Postavke kanala** i pritisnite **OK**.
3. Odaberite **Instalacija kanala > Automatsko ažuriranje kanala > Isključeno**.

### Pokretanje ažuriranja

Samostalno pokretanje ažuriranja . . .

1. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **Pretraži kanale** i pritisnite **OK**.
3. Odaberite **Ažuriraj kanale** i slijedite upute na zaslonu. Ažuriranje može potrajati nekoliko minuta.

U određenim državama automatsko ažuriranje kanala odvija se tijekom gledanja televizije ili kada je televizor u stanju pripravnosti.

---

### Novi kanali

Nove kanale dodane automatskim ažuriranjem kanala lako ćete pronaći na popisu kanala **Novi**. Isti novi kanali pohranjeni su i na popisu **Sve** ili **Radio**.

Novi kanali zadržat će se na popisu **Novi** sve dok ih ne označite kao omiljene ili dok ih prvi put ne pogledate.

---

## Ponovna instalacija kanala


Kanale možete tražiti i ponovo instalirati bez potrebe za promjenom drugih postavki televizora. Umjesto toga, možete izvršiti potpunu novu instalaciju televizora.

Ako je postavljen kod za blokadu, morat ćete ga unijeti prije

ponovne instalacije kanala.


### Ponovna instalacija kanala

Ponovna instalacija samo kanala . . .

1. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **Pretraži kanale > Ponovo instaliraj kanale** i pritisnite **OK**.
3. Odaberite državu u kojoj instalirate televizor.
4. Odaberite **Antena (DVB-T)** ili **Kabelski (DVB-C)**. Traženje kanala može potrajati nekoliko minuta. Slijedite upute na zaslonu.



### Puna instalacija

Ponavljanje cijele instalacije televizora . . .

1. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Općenite postavke > Pon. inst. TV** i pritisnite **OK**. Instalacija može potrajati nekoliko minuta. Slijedite upute na zaslonu.

### Tvorničke postavke

Opcija Tvorničke postavke vraća televizor na originalne postavke slike i zvuka. Vraćanje originalnih tvorničkih postavki . . .

1. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Općenite postavke > Tvorničke postav.** i pritisnite **OK**.
3. Pritisnite **OK** za potvrdu.
4. Kako biste zatvorili izbornik, pritisnite , više puta ako je potrebno.

---

## Kopiranje popisa kanala

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### Uvod


Kopiranje popisa kanala namijenjeno je distributerima ili naprednim korisnicima. U nekim državama opcija Kopiranje popisa kanala dostupna je samo za kopiranje satelitskih kanala.

Opcija **Kopiranje popisa kanala** omogućava kopiranje kanala instaliranih na jednom televizoru na drugi televizor tvrtke Philips iz istog asortimana. Uz opciju kopiranja popisa kanala nećete morati gubiti vrijeme na traženje kanala tako da na televizor prenesete postojeći popis kanala. Upotrijebite USB flash pogon s najmanje 1 GB memorije.

### Uvjeti

- Oba televizora pripadaju asortimanu iz iste godine.
- Televizori imaju istu vrstu hardvera. Vrstu hardvera provjerite na pločici s oznakom televizora na njegovoj stražnjoj strani. Obično je oznaka Q . . . LA
- Oba televizora imaju kompatibilne verzije softvera.

### Trenutna verzija

Možete provjeriti koja je trenutna verzija softvera televizora tako da odaberete **Podaci o trenutnom softveru** pod  > **Podešavanje > Postavke softvera**.

---

## Kopiranje popisa kanala

Kopiranje popisa kanala . . .

1. Uključite televizor s instaliranim kanalima. Priključite USB memoriju.
2. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
3. Odaberite **TV postavke > Općenite postavke > Kopiraj popis kanala > Kopiraj na USB** i pritisnite **OK**. Kako biste kopirali popis kanala s ovog televizora, možda ćete morati unijeti kod za blokadu koji ste unijeli prilikom instalacije.
4. Kada kopiranje završi, iskopčajte USB memoriju.

Kopirani popis kanala sada možete prenijeti na drugi televizor tvrtke Philips.

---

## Prijenos popisa kanala

### Prijenos kopiranog popisa kanala

Ovisno o tome je li televizor već instaliran ili ne, morate koristiti drukčiji način prijenosa popisa kanala.

### Prijenos na televizor koji još nije instaliran

1. Ukopčajte utikač kako bi se pokrenula instalacija te odaberite jezik i državu. Možete preskočiti traženje kanala. Dovršite instalaciju.
2. Priključite USB memoriju na kojoj se nalazi popis kanala drugog televizora.
3. Kako biste pokrenuli prijenos popisa kanala, pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
4. Odaberite **TV postavke > Općenite postavke > Kopiraj popis kanala > Kopiraj na televizor** i pritisnite **OK**. Možda će se zatražiti unos koda za blokadu televizora.
5. Televizor će vas obavijestiti je li popis kanala uspješno kopiran na televizor. Iskopčajte USB memoriju.

### Prijenos na već instalirani televizor

1. Provjerite postavku države na televizoru. (Kako biste provjerili postavku, pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**. Odaberite **Pretraži kanale > Ponovo instaliraj kanale** i pritisnite **OK**. Za prekid traženja kanala pritisnite **↵** i zatim **Odustani**.) Ako je postavka države u redu, nastavite s korakom 2. Ako postavka države nije u redu, trebate pokrenuti ponovnu instalaciju. Kako biste pokrenuli ponovnu instalaciju, pritisnite **▲**, odaberite **Podešavanje** i pritisnite **OK**. Odaberite **TV postavke > Općenite postavke > Ponovna instalacija televizora > OK**. Odaberite odgovarajuću državu i preskočite traženje kanala. Dovršite instalaciju. Kada završite, nastavite s korakom 2.
2. Priključite USB memoriju na kojoj se nalazi popis kanala drugog televizora.
3. Kako biste pokrenuli prijenos popisa kanala, pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
4. Odaberite **TV postavke > Općenite postavke > Kopiraj popis kanala > Kopiraj na televizor** i pritisnite **OK**. Možda će se zatražiti unos koda za blokadu televizora.
5. Televizor će vas obavijestiti je li popis kanala uspješno kopiran na televizor. Iskopčajte USB memoriju.

---

## DVB-T ili DVB-C

### DVB-T ili DVB-C prijem

Ako je u vašoj državi dostupan prijem i DVB-T i DVB-C kanala i ako ih ovaj televizor podržava u vašoj državi, to znači da ste odabrali jedan ili drugi prilikom instalacije kanala.

Ako želite promijeniti DVB postavku radi pokretanja instalacije novog kanala . . .

1. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **Postavke kanala** i pritisnite **OK**.
3. Odaberite **Instalacija kanala > Priključak za antenu > Antena (DVB-T) ili Cable (DVB-C)** i pritisnite **OK**.
4. Odaberite željenu DVB postavku.
5. Kako biste zatvorili izbornik, pritisnite **↵**, više puta ako je potrebno.

### Instalacija kanala uz DVB-C prijem

Radi lakšeg korištenja, sve postavke televizora za DVB-C prijem postavljene su na automatske vrijednosti.

Ako vam je dobavljač usluge kableske televizije dao specifične DVB-C vrijednosti, mrežni ID ili mrežnu frekvenciju, unesite te vrijednosti kada ih televizor zatraži tijekom instalacije.

Možda će biti potrebno prilagoditi skeniranje (puno ili brzo skeniranje) ili unijeti specifični protok podataka u izborniku

**Postavke** tijekom instalacije. Kako biste postavili **Protok podataka**, najprije protok podataka postavite na **Ručno**.

### Sukobi broja kanala

U nekim državama različiti televizijski kanali (televizijske kuće) mogu imati jednak broj kanala. Tijekom instalacije televizor prikazuje popis brojeva kanala koji se podudaraju. Morate odabrati televizijski kanal koji želite instalirati na broju kanala koji koriste razni kanali.

### DVB-T + DVB-C

Ako možete koristiti DVB-T antenski ulaz, ali i DVB-C ulaz, televizor možete postaviti i za DVB-T i DVB-C. Najprije instalirajte jedan sustav, a zatim drugi koristeći potrebne postavke.

Nakon instalacije svakog sustava trebate promijeniti antenski ulazni signal na priključnici **Antena** na stražnjoj strani televizora i postaviti televizor u odgovarajućem sustavu kako bi se instalirani kanali prikazivali na televizoru.

Kako biste odabrali DVB-T ili DVB-C postavku, pogledajte iznad.

---

## Postavke za DVB

### Pristup postavkama za DVB

1. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **Pretraži kanale** i pritisnite **OK**.
3. Odaberite **Ponovo instaliraj kanale**.
4. Odaberite državu u kojoj instalirate ovaj televizor.
5. Odaberite **Kabelski (DVB-C)**.

6. Za pretraživanje kanala odaberite **Pokreni**, a za **DVB-C postavke** odaberite **Postavke**.
7. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

---

### Način rada za protok podataka

Ako vam dobavljač usluga kabeleske televizije nije dao određenu vrijednost **protoka podataka** za instalaciju televizijskih kanala, postavku **Način za pr. pod.** postavite na **Automatski**.

Ako ste dobili specifičnu vrijednost protoka podataka, odaberite **Ručno**. Međutim, ta vrijednost mogla bi se već nalaziti na unaprijed definiranom popisu protoka podataka. Odaberite opciju **Unaprijed definirani protok podataka** i provjerite je li vrijednost automatski dostupna.

---

### Gustoća simbola

Ako za opciju **Način za pr. pod.** odaberete **Ručno**, možete unijeti vrijednost za protok podataka koju ste dobili od svog dobavljača usluga kabeleske televizije. Vrijednost unesite pomoću numeričkih tipki.

---

### Frekvencija mreže

Ako za opciju **Traženje frekven.** odaberete **Brzo** ili **Napredno**, na ovom mjestu možete unijeti frekvenciju mreže koju ste dobili od svog dobavljača usluga kabeleske televizije. Vrijednost unesite pomoću numeričkih tipki.

---

### Skeniranje frekvencija

Odaberite metodu traženja kanala. Možete odabrati metodu **Brzo** i koristiti unaprijed definirane postavke koji koristi većina dobavljača usluga kabeleske televizije u vašoj državi.

Ako na taj način ne pronađete niti jedan kanal ili vam neki kanali nedostaju, pokušajte odabrati temeljitiju metodu **Potpuno**. Takvo traženje i instaliranje kanala vremenski je zahtjevnije.

---

### ID mreže

Ako za opciju **Traženje frekven.** odaberete **Brzo**, na ovom mjestu možete unijeti ID mreže koji ste dobili od svog dobavljača usluga kabeleske televizije. Vrijednost unesite pomoću numeričkih tipki.

---

### Digitalni kanali

Ako znate da vaš dobavljač usluga kabeleske televizije ne nudi digitalne kanale, možete preskočiti traženje digitalnih kanala. Odaberite **Isključeno**.

---

### Analogni kanali

Ako znate da vaš dobavljač usluga kabeleske televizije ne nudi analogne kanale, možete preskočiti traženje analognih kanala. Odaberite **Isključeno**.

---

### Besplatni/kodirani

Ako imate pretplatu i CAM – modul uvjetnog pristupa (Conditional Access Module) za TV programe koji se plaćaju, odaberite opciju **Besplatni + kodirani**. Ako se niste pretplatili na kanale ili usluge koje se plaćaju, možete odabrati opciju **Samo besplatni kanali**.

---

### Ručna instalacija

Analogni televizijski kanali mogu se ručno instalirati, kanal po kanal.

Ručna instalacija analognih kanala . . .

1. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **Postavke kanala > Instalacija kanala > Analogni: ručna instalacija** i pritisnite **OK**.

#### - Sustav

Kako biste postavili televizijski sustav, odaberite **Sustav** i pritisnite **OK**.

Odaberite svoju državu ili dio svijeta u kojem se trenutno nalazite.

#### - Traženje kanala

Kako biste pronašli kanal, odaberite **Traži kanal** i pritisnite **OK**. Odaberite **Traži** i pritisnite **OK**. Možete i sami unijeti frekvenciju. Ako je prijem slab, ponovo pritisnite **Traži**. Ako želite pohraniti kanal, odaberite **Gotovo** i pritisnite **OK**.

#### - Fino ugađanje

Kako biste precizno ugodili kanal, odaberite **Precizno ugađanje** i pritisnite **OK**. Kanal možete precizno ugoditi pomoću **▲** ili **▼**. Ako želite pohraniti pronađeni kanal, odaberite **Gotovo** i pritisnite **OK**.

#### - Spremanje

Kanal možete pohraniti na trenutnom broju kanala ili pod novim brojem kanala.

Odaberite **Spremi trenutni kanal** ili **Spremi kao novi kanal**.

Te korake možete ponavljati dok ne pronađete sve dostupne analogne televizijske kanale.

# TV vodič

7.1

## Uporaba TV vodiča

### Što vam je potrebno

TV vodič omogućava prikaz popisa trenutnih i zakazanih televizijskih programa vaših kanala. Ovisno o tome odakle dolaze informacije (podaci) TV vodiča, prikazuju se analogni i digitalni kanali ili samo digitalni kanali. Ne pružaju svi kanali informacije TV vodiča.

Televizor može prikupljati informacije TV vodiča za kanale instalirane na televizoru (npr. kanale koje gledate pomoću opcije Gledanje televizije). Televizor ne može prikupljati informacije TV vodiča za kanale koji se gledaju putem digitalnog prijemnika.

### Otvaranje TV vodiča

Kako biste otvorili TV vodič, pritisnite  **TV GUIDE**.

Ponovo pritisnite  **TV GUIDE** za zatvaranje.

Kada prvi put otvorite TV vodič, televizor će skenirati sve kanale tražeći informacije o programu. To može potrajati nekoliko minuta. Podaci TV vodiča spremaju se na televizoru.

### Prelazak na program

#### Prelazak na program

Iz TV vodiča možete prijeći na trenutni program.

Kako biste odabrali program, pomoću tipki sa strelicama istaknite naziv programa.

Pomaknite se udesno kako bi se prikazali programi zakazani za kasnije taj dan.



Kako biste prešli na program (kanal), odaberite program i pritisnite **OK**.


#### Prikaz pojedinosti o programu

Kako bi se prikazale pojedinosti o odabranom programu, pritisnite  **INFO**.

### Promjena dana

TV vodič može prikazati zakazane programe za nadolazeće dane (maksimalno do 8 dana).

Ako informacije TV vodiča omogućuje televizijska kuća, možete pritisnuti  **+** kako biste vidjeli raspored za jedan od sljedećih dana. Pritisnite  **—** kako biste se vratili na prethodni dan.


Umjesto toga, možete pritisnuti  **OPTIONS** i odabrati

Promijeni dan.

Odaberite **Prethodni dan**, **Danas** ili **Sljedeći dan** i pritisnite **OK** kako biste odabrali dan rasporeda.

### Pretraga po žanru

Ako su informacije dostupne, zakazane programe možete potražiti po žanru, npr. filmovi, sport itd.

Kako biste tražili programe po žanru, pritisnite  **OPTIONS** i odaberite **Pretraga po žanru**.

Odaberite žanr i pritisnite **OK**. Prikazat će se popis pronađenih programa.

7.2

### Snimke

U TV vodiču možete odmah snimiti ili zakazati snimanje televizijskog programa. Kako biste spremili snimke, povežite USB tvrdi disk s televizorom.

7.3


### Primanje podataka TV vodiča


U nekim regijama i za neke kanale, informacije TV vodiča možda neće biti dostupne. Televizor može prikupljati informacije TV vodiča za kanale instalirane na televizoru (npr. kanale koje gledate pomoću opcije Gledanje televizije). Televizor ne može prikupljati informacije TV vodiča za kanale koji se gledaju putem digitalnog prijemnika ili dekodera.

Televizor se isporučuje sa zadanom opcijom **Od televizijske kuće**.


#### Postavljanje informacija TV vodiča

Postavljanje informacija TV vodiča . . .

1. Pritisnite  i odaberite **TV vodič**.

2. Pritisnite tipku .

3. Odaberite **Od televizijske kuće**.

4. Kako biste zatvorili izbornik, pritisnite , više puta ako je potrebno.





# Izvori

## 8.1

### Popis izvora

Na popisu priključnica – izbornik Izvor – možete pronaći uređaje povezane s televizorom. Iz izbornika Izvor možete prijeći na uređaj.

#### Izbornik Izvori

Kako biste otvorili izbornik Izvori, pritisnite  **SOURCES**.  
Kako biste prešli na povezani uređaj, odaberite ga pomoću strelica ◀ (lijeva) ili ▶ (desna) i pritisnite **OK**.  
Kako biste zatvorili izbornik Izvor bez prelaska na uređaj, ponovo pritisnite  **SOURCES**.



## 8.3

### EasyLink

**EasyLink** omogućava upravljanje povezanim uređajem pomoću daljinskog upravljača televizora. EasyLink koristi HDMI CEC za komunikaciju s povezanim uređajima. Uređaji moraju podržavati HDMI CEC i moraju biti povezani HDMI vezom.

## 8.2


### Iz stanja pripravnosti

Dok je televizor u stanju pripravnosti, možete prijeći na povezani uređaj pomoću daljinskog upravljača televizora.

#### Reproduciraj

Kako biste i reproduktor i televizor aktivirali iz stanja pripravnosti i odmah započeli reprodukciju diska ili programa, pritisnite ▶ (reprodukcija) na daljinskom upravljaču televizora.  
Uređaj treba biti povezan pomoću HDMI kabela, a opcija HDMI CEC mora biti uključena i na televizoru i na uređaju.

#### Sustav kućnog kina


Možete uključiti sustav kućnog kina kako biste slušali disk s glazbom ili radijski kanal, a televizor ostaviti u stanju pripravnosti. Kako biste uključili samo sustav kućnog kina, dok je televizor u stanju pripravnosti, pritisnite  **SOURCES** na daljinskom upravljaču televizora.

# Automatsko isključivanje i sat

## Automatsko isključivanje

Opcija automatskog isključivanja omogućava postavljanje televizora za automatski prelazak u stanje pripravnosti nakon zadanog vremena.


Postavljanje mjerača vremena za automatsko isključivanje . . .

1. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke** > **Općenite postavke** > **Mjerač vremena**.

Pomoću klizne trake možete postaviti vrijeme do 180 minuta u povećanjima od 5 minuta. Ako je postavljeno na 0 minuta, automatsko isključivanje se isključuje. Tijekom odbrojavanja uvijek možete ranije isključiti televizor ili ponovo postaviti mjerač vremena.


3. Kako biste zatvorili izbornik, pritisnite , više puta ako je potrebno.

## Sat

Želite li provjeriti koliko je sati, pritisnite  **TV GUIDE** kako biste pronašli vrijeme u TV vodiču.

U nekim se državama uz digitalne televizijske signale ne emitiraju informacije o koordiniranom univerzalnom vremenu - UTC. Stoga će se možda zanemariti promjene kod zimskog i ljetnog računanja vremena, a na televizoru će se možda prikazivati netočno vrijeme.

Ispravljanje vremena na satu na televizoru . . .

1. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke** > **Općenite postavke** > **Sat** > **Način auto. sata** i odaberite **Ovisi o državi**.
3. Odaberite **Ljetno računanje vremena** i odaberite odgovarajuću postavku.



## Automatsko isključivanje

Ako u razdoblju od 4 sata ne pritisnete nijednu tipku na daljinskom upravljaču ili ako televizor 10 minuta ne primi ulazni signal niti naredbe s daljinskog upravljača, automatski će se isključiti radi uštede energije.

Ako televizor koristite kao monitor ili koristite digitalni prijemnik

za gledanje televizije (set top box – STB) i ne koristite daljinski upravljač televizora, isključite funkciju automatskog isključivanja.

Deaktivacija opcije **Automatsko isključivanje** . . .

1. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke** > **Općenite postavke** > **Automatsko isključivanje** i kliznu traku postavite na **0 (Isključeno)**.
3. Kako biste zatvorili izbornik, pritisnite , više puta ako je potrebno.

# Vaše fotografije, videozapisi i glazba

10.1

## S USB veze

### Što vam je potrebno

Možete prikazivati fotografije ili reproducirati glazbu i videozapise s povezane USB flash memorije ili USB tvrdog diska.

#### S USB uređaja

Dok je televizor uključen, priključite USB flash pogon ili USB tvrdi disk u jednu od USB priključnica. Televizor će prepoznati uređaj i prikazati popis datoteka.

Ako se popis ne prikaže automatski, pritisnite **SOURCES**, odaberite **Pronađi USB** i pritisnite **OK**.



### Traka izbornika

Dok je povezan USB uređaj, televizor razvrstava datoteke prema vrsti. Pomaknite se do trake izbornika i odaberite vrstu datoteke koju tražite.

Ako pretražujete datoteke s računala, datoteke i mape možete pretraživati samo onako kako su organizirane na računalu.

#### Traka izbornika

Pomaknite se do trake izbornika i odaberite vrstu datoteke koju želite gledati ili reproducirati.

Odaberite **Slika**, **Glazba** ili **Film**. Umjesto toga možete otvoriti prikaz **Mape** i tražiti datoteku u mapama.

### Gledanje fotografija

U pregledniku sadržaja na USB uređaju odaberite **Slika** i pritisnite **OK**.

#### Opcije

Pritisnite **≡** **OPTIONS**.

- **Pokretanje prikaza slajdova, zaustavljanje prikaza slajdova**  
Pokretanje ili zaustavljanje prikaza slajdova.

- **Prijelazi u prikazu slajdova**

Postavljanje prijelaza s jedne na drugu sliku.

- **Učestalost prikaza slajdova**

Odaberite vrijeme prikaza svake fotografije.

- **Ponavljanje, jedna reprodukcija**

Ponavljanje prikaza slika ili prikaz samo jednom.

- **Nasumična reprodukcija isključena, nasumična reprodukcija uključena**

Prikaz slika pravilnim redoslijedom ili nasumično.

- **Rotacija slike**

Rotacija fotografije.

- **Prikaz informacija**

Prikaz naziva slike, datuma, veličine i sljedeće slike u prikazu slajdova.

Kako biste zaustavili **Pronađi USB**, pritisnite **⬅** i odaberite drugu aktivnost.

### Reprodukcija glazbe

U pregledniku sadržaja na USB uređaju odaberite **Glazba** i pritisnite **OK**.

#### Opcije

Pritisnite **≡** **OPTIONS**.

- **Zaustavljanje reprodukcije**

Zaustavljanje reprodukcije glazbe.

- **Ponavljanje, jedna reprodukcija**

Reprodukcija pjesama uz ponavljanje ili jednom.

- **Nasumična reprodukcija uključena, nasumična reprodukcija isključena**

Reproducirajte pjesme pravilnim redoslijedom ili nasumično.

- **Prikaz informacija**

Prikaz naziva datoteke.


Kako biste zaustavili **Pronađi USB**, pritisnite **⬅** i odaberite drugu aktivnost.

---

## Reprodukcija videozapisa

U pregledniku sadržaja na USB uređaju odaberite **Film** i pritisnite **OK**.

### Opcije

Pritisnite  **OPTIONS**.

#### - Titlovi

Prikaz titlova ako su dostupni.

#### - Audio jezik

Reprodukcija audio jezika ako je dostupan.

#### - Ponavljanje, jedna reprodukcija


Reprodukcija videozapisa uz ponavljanje ili jednom.

#### - Nasumična reprodukcija uključena, nasumična reprodukcija isključena

Reproducirajte videozapise pravilnim redoslijedom ili nasumično.

#### - Prikaz informacija

Prikaz naziva datoteke.

Kako biste zaustavili **Pronađi USB**, pritisnite  i odaberite drugu aktivnost.

---

# Pause TV

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## 11.1

### Pause TV

Televizijski prijenos možete pauzirati kako biste ga mogli gledati poslije. Pauzirati možete samo digitalne televizijske kanale. Kako biste memorirali program, trebate prikopčati USB tvrdi disk. Izravan televizijski prijenos možete pauzirati najviše 90 minuta.

#### Pauziranje ili nastavak emitiranja

Kako biste pauzirali televizijski program, pritisnite **II** (pauza). Traka napretka kratko će se prikazati na zaslonu.

Kako bi se traka napretka ponovo prikazala, ponovo pritisnite **II** (pauza).

Kako biste nastavili gledati, pritisnite **►** (reprodukcija). Ikona na zaslonu naznačuje da je televizijski sadržaj koji gledate pauziran.

Povratak na televizijski program u stvarnom vremenu

Kako biste se vratili na televizijski program u stvarnom vremenu, pritisnite **■** (zaustavljanje).

Kada prijeđete na digitalni kanal, USB tvrdi disk počinje memorirati emitirani sadržaj. Kada prijeđete na drugi digitalni kanal, televizijski prijenos novog kanala se memorira, a ranijeg kanala briše. Kada prijeđete na povezani uređaj (Blu-ray Disc reproduktor ili digitalni prijemnik), USB tvrdi disk prestaje memorirati i emitirani sadržaj se briše. Isto tako, kada televizor postavite u stanje pripravnosti, memorirani emitirani sadržaji se brišu.

Tijekom snimanja programa na USB tvrdi disk, ne može se pauzirati emitirani sadržaj.

#### Brza ponovna reprodukcija

Dok gledate televizijski sadržaj digitalnog televizijskog kanala, lako možete brzo ponovo reproducirati emitirani sadržaj.

Kako biste reproducirali posljednjih 10 sekundi televizijskog programa, pritisnite **II** (pauza) i **◀** (lijevo).

Možete pritiskati **◀** dok ne dosegnete početak memoriranog sadržaja ili maksimalno vrijeme.

#### Traka napretka

Dok je traka napretka na zaslonu, pritisnite **◀◀** (premotavanje unatrag) ili **▶▶** (premotavanje unaprijed) kako biste odabrali mjesto od kojeg želite započeti gledanje pauziranog televizijskog sadržaja. Ove tipke pritišćite više puta za promjenu brzine.

# Snimanje

## 12.1

### Što vam je potrebno

Kako biste snimili televizijski program, treba vam . . .

- povezani USB tvrdi disk formatiran na ovom televizoru
- digitalni televizijski kanali instalirani na ovom televizoru (kanali koje gledate pomoću opcije Gledanje TV-a)
- opcija primanja informacija o kanalu iz ugrađenog TV vodiča

## 12.2

### Snimanje programa

#### Trenutno snimanje

Kako biste snimili program koji gledate, pritisnite  (snimanje) na daljinskom upravljaču.

Ako informacije TV vodiča primete od televizijske kuće, snimanje započinje odmah. Vrijeme završetka snimanja možete prilagoditi na popisu snimaka.



Kako biste zaustavili snimanje, pritisnite  (zaustavljanje).


#### Zakazivanje snimanja


Snimanje nadolazećeg programa možete zakazati za danas ili za nekoliko dana od danas (maksimalno 8 dana).

1. Kako biste zakazali snimanje, pritisnite  **TV vodič**.

Na stranici TV vodiča odaberite kanal i program koji želite snimiti.


Možete unijeti broj kanala kako biste prešli na njega na popisu. Pritisnite  (desno) ili  (lijevo) kako biste se pomicali kroz programe kanala.

Kako biste promijenili datum popisa, pritisnite  **OPTIONS** i odaberite opciju **Promijeni dan**. Na popisu odaberite željeni dan i pritisnite **OK**.

2. Dok je program označen, pritisnite  **Snimi**. Televizor će dodati određeno vrijeme na kraju programa. To vrijeme po potrebi možete povećati.




Ako program planirate snimati kada ne budete nazočni, ne zaboravite ostaviti televizor u stanju pripravnosti i USB tvrdi disk uključen.

#### Popis snimaka

Kako bi se prikazao popis snimaka i zakazanih snimki, pritisnite , odaberite  **Snimke** i pritisnite **OK**.

Na tom popisu možete odabrati snimku za gledanje, ukloniti snimljene programe, prilagoditi vrijeme dovršetka trenutnog snimanja ili provjeriti slobodan prostor na disku.

#### Uklanjanje zakazanog snimanja iz TV vodiča ili s popisa snimaka

- Pritisnite  **Popis** kako biste otvorili popis, a zatim pritisnite .
- U TV vodiču odaberite zakazani program za snimanje, a zatim pritisnite  **Otkazi snimanje**.








#### Posebnosti

- Tijekom snimanja programa možete gledati prethodno snimljeni program.
- Tijekom snimanja ne možete mijenjati televizijske kanale.
- Tijekom snimanja ne možete pauzirati televizijski prijenos.
- Za snimanje, televizijskoj kući potrebna je pouzdana postavka vremena. Ako sat na televizoru ručno ponovno postavite, snimanje možda neće uspjeti.

## 12.3

### Gledanje snimke

Gledanje snimke . . .

1. Pritisnite , odaberite  **Snimke** i pritisnite **OK**.
2. Na popisu odaberite snimku i pritisnite  (reprodukcija) za početak reprodukcije. Možete koristiti tipke  (premotavanje unaprijed),  (premotavanje unatrag),  (pauziranje) ili  (zaustavljanje) na daljinskom upravljaču.

#### Neuspjelo snimanje

Kada televizijska kuća spriječi zakazano snimanje ili u slučaju prekida emitiranja, snimka će biti označena kao **Failed** (neuspjelo).

# Postavke

13.1

## Slika

### Stil slike

Radi jednostavne prilagodbe slike, možete odabrati prethodno postavljenu postavku pomoću opcije **Stil slike**.

1. Dok gledate televizijski kanal, pritisnite **≡** **OPTIONS** kako biste otvorili izbornik **Opcije**.
2. Odaberite **Slika i zvuk** u traci izbornika i odaberite **Stil slike**.
3. Odaberite stil i pritisnite **OK**.

Dostupni stilovi slike . . .

- **Osobno** – svoje ste preference odabrali u izborniku Brzo postavljanje slike
- **Živo** – idealno za gledanje tijekom dana
- **Prirodno** – postavke za prirodnu sliku
- **Film** – idealno za gledanje filmova
- **Štednja energije** – postavke za uštedu energije
- **Standardno** – standardne tvorničke postavke
- **Fotografije** – idealno za prikaz fotografija

### Prilagodba stila slike

Možete prilagoditi stil slike . . .

1. Odaberite stil i pritisnite **OK**.
2. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
3. Odaberite **TV postavke**, pomaknite se do pojedinačne postavke i prilagodite je.
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

Vraćanje originalnih vrijednosti stila slike . . .

1. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Slika > Stil slike** i odaberite stil koji želite ponovo postaviti.
3. Odaberite **Ponovo postavi stil** i pritisnite **OK**. Stil će se ponovo postaviti.

### Živo

Ako se stil slike vraća na **Živo** svaki put kada uključite televizor, opcija lokacije na televizoru postavljena je na **Trgovina**. To je postavka za promociju u trgovini.

Postavljanje televizora za upotrebu kod kuće . . .

1. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Općenite postavke > Lokacija** i pritisnite **OK**.
3. Odaberite **Dom** i pritisnite **OK**.
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

## Postavke slike

### Kontrast pozadinskog osvjetljenja

Opcija **Kontrast pozadinskog osvjetljenja** omogućava podešavanje intenziteta pozadinskog osvjetljenja.

Prilagodba razine . . .

1. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Slika > Kontrast pozadinskog osvjetljenja**.
3. Pritisnite **▶** (desno) i prilagodite vrijednost pomoću **▲** (gore) ili **▼** (dolje).
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

### Boja

Opcija **Boja** omogućava prilagodbu zasićenosti boje slike.

Prilagodba boje . . .

1. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Slika > Boja**.
3. Pritisnite **▶** (desno) i prilagodite vrijednost pomoću **▲** (gore) ili **▼** (dolje).
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

### Oštrina

Opcija **Oštrina** omogućava prilagodbu razine oštine u detaljima slike.

Prilagodba oštine . . .

1. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Slika > Oštrina**.
3. Pritisnite **▶** (desno) i prilagodite vrijednost pomoću **▲** (gore) ili **▼** (dolje).
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

### Smanjivanje šuma

Opcija **Smanjivanje šuma** omogućava odabir razine smanjivanja šuma slike.

Smanjivanje šuma . . .

1. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Slika > Smanjivanje šuma**.
3. Pritisnite **▶** (desno) i odaberite **Isključeno**, **Minimalni**, **Srednje** ili **Maksimum**.
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

---

## Smanjenje MPEG smetnji

Opcija **Redukcija MPEG** omogućava ublažavanje prijelaza na digitalnoj slici. MPEG smetnje uglavnom su vidljive kao mali kvadratići ili neravni rubovi na slici.

Smanjenje MPEG smetnji . . .

1. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Slika > MPEG smanjenje smetnji**.
3. Pritisnite **►** (desno) i odaberite **Uključeno** ili **Isključeno**.
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

---

## Digital Crystal Clear

Opcija **Digital Crystal Clear** omogućava precizno ugađanje piksela i usklađivanje s okolnim pikselima radi stvaranja sjajne slike visoke rezolucije.

1. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Slika > Digital Crystal Clear**.
3. Pritisnite **►** (desno) i odaberite postavke.
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

Različite postavke su . . .

- **Napredna oštřina** – omogućava superiornu oštřinu, naročito na linijama i obrisima na slici.
- **Dinamički kontrast** – dinamično naglašavanje detalja na crnim, srednjim i svijetlim područjima slike.
- **Dinamičko pozadinsko osvjetljenje** – odaberite razinu pozadinskog osvjetljenja za optimizaciju između potrošnje energije i kontrasta slike.
- **Poboljšanje boje** – dinamičko poboljšavanje živopisnosti i pojedinosti bolja.

---

## Napredne postavke slike

### Gama

Opcija **Gama** omogućava podešavanje nelinearne postavke za svjetlinu i kontrast slike.

Prilagodba razine . . .

1. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Slika > Napredno > Gama**.
3. Pritisnite **►** (desno) i prilagodite vrijednost pomoću **▲** (gore) ili **▼** (dolje).
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

---

### Nijansa

Opcija **Nijansa** omogućava promjenu ravnoteže boja.

Odabir zadane postavke . . .

1. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.

2. Odaberite **TV postavke > Slika > Napredno > Nijansa**.
3. Pritisnite **►** (desno) i odaberite **Normalno**, **Toplo** ili **Hladno**. Odaberite **Prilagođeno** ako sami želite postaviti temperaturu boje.
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

---

### Prilagođena nijansa

Opcija **Prilagođ. nijansa** omogućava vam da sami postavite temperaturu boje. Kako biste postavili prilagođenu nijansu, najprije odaberite **Prilagođeno** u postavci **Nijansa** kako bi izbornik prilagođene nijanse postao dostupan. Prilagođena nijansa je postavka namijenjena stručnim korisnicima.

Postavljanje osobne temperature boje . . .

1. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Slika > Napredno > Prilagođ. nijansa**.
3. Pritisnite **►** (desno).
4. Odaberite postavku pomoću tipki sa strelicama. (WP je postavka bijele, a BL razina crne.)
5. Pritisnite **OK** kako biste potvrdili postavku. Možete i odabrati neku od zadanih postavki u ovom izborniku.
6. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

---

### Kontrast videozapisa

Opcija **Kontrast videozapisa** omogućava smanjenje raspona kontrasta videozapisa.

Prilagodba razine . . .

1. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Slika > Napredno > Kontrast videozapisa**.
3. Pritisnite **►** (desno) i prilagodite vrijednost pomoću **▲** (gore) ili **▼** (dolje).
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

---

### Svjetlina

Opcija **Svjetlina** omogućava postavljanje razine svjetline slike. Postavka Svjetlina namijenjena je naprednim korisnicima. Korisnicima koji nemaju iskustva preporučujemo prilagodbu svjetline pomoću postavke **Kontrast pozadinskog osvjetljenja**.

Prilagodba razine . . .



1. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Slika > Napredno > Svjetlina**.
3. Pritisnite **►** (desno) i prilagodite vrijednost pomoću **▲** (gore) ili **▼** (dolje).
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.



## Igra ili računalo

Televizor možete postaviti na postavke slike idealne za igre ili uporabu televizora kao računalnog monitora. Različite su postavke za **igru** i **računalo**. Ako je u izborniku Izvor postavljena odgovarajuća vrsta za uređaj – Igrača konzola ili Računalo – televizor automatski prelazi na idealnu postavku kada odaberete uređaj. Ako postavku uključite ručno, ne zaboravite je isključiti kada se vratite na gledanje televizije ili odaberete neki drugi povezani uređaj.

Ručno postavljanje . . .


1. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Slika > Napredno > Igra ili računalo**.
3. Odaberite **Igre, Računalo** ili **Televizor**. Postavka **Televizor** omogućava vraćanje na postavke slike za gledanje televizije.
4. Kako biste zatvorili izbornik, pritisnite , više puta ako je potrebno.

## Format i rubovi

### Format slike

Ako se crne trake prikazuju na vrhu, dnu ili s obje strane slike, možete prilagoditi format slike na onaj koji ispunjava zaslon.






Promjena formata slike . . .

1. Dok gledate televizijski kanal, pritisnite  kako biste otvorili izbornik **Format slike**.
2. Odaberite format s popisa i pritisnite **OK**.

### Rubovi zaslona

Opcija **Rubovi zaslona** omogućava malo povećanje slike radi sakrivanja izobličenih rubova.


Prilagodba rubova . . .

1. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Slika > Format i rubovi > Rubovi zaslona**.
3. Pritisnite  (desno) i prilagodite vrijednost pomoću  (gore) ili  (dolje).
4. Kako biste zatvorili izbornik, pritisnite , više puta ako je potrebno.

## Zvuk

### Stil zvuka

Radi jednostavne prilagodbe zvuka, možete odabrati prethodno postavljenu postavku pomoću opcije **Stil zvuka**.



1. Dok gledate televizijski kanal, pritisnite  **OPTIONS** kako biste otvorili izbornik **Opcije**.
2. Odaberite **Slika i zvuk** u traci izbornika i odaberite **Stil zvuka**.
3. Odaberite **Stil zvuka** i pritisnite **OK**.

Dostupni stilovi zvuka su . . .

- **Osobno** – vaš odabir u opciji Osobna prilagodba slike i zvuka
- **Original** – standardne tvorničke postavke
- **Film** – idealno za gledanje filmova
- **Vijesti** – idealno za reprodukciju govora
- **Glazba** – idealno za slušanje glazbe
- **Igre** – idealno za igranje

### Prilagodba stila zvuka

Možete prilagoditi stil zvuka . . .

1. Odaberite stil i pritisnite **OK**.
2. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
3. Odaberite **TV postavke**, pomaknite se do pojedinačne postavke i prilagodite je.
4. Pritisnite  kako biste zatvorili izbornik i pohranili postavku.

Vraćanje originalnih vrijednosti stila zvuka . . .






1. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Zvuk > Ponovo postavi stil**.

### Postavke zvuka

#### Bas

Opcija **Bas** omogućava prilagodbu razine niskih tonova u zvuku.

Prilagodba razine . . .

1. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Zvuk > Bas**.
3. Pritisnite  (desno) i prilagodite vrijednost pomoću  (gore) ili  (dolje).
4. Kako biste zatvorili izbornik, pritisnite , više puta ako je potrebno.

#### Visoki tonovi

Opcija **Visoki tonovi** omogućava prilagodbu razine visokih tonova u zvuku.

Prilagodba razine . . .

1. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Zvuk > Visoki tonovi**.
3. Pritisnite **►** (desno) i prilagodite vrijednost pomoću **▲** (gore) ili **▼** (dolje).
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

---

## Način rada Surround

Način rada Surround omogućava postavljanje efekta zvuka zvučnika televizora.

Postavljanje surround načina rada . . .

1. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Zvuk > Surround modovi**.
3. Pritisnite **►** (desno) i odaberite **Stereo, Incredible surround**.
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

---

## Glasnoća slušalica

Opcija **Glasnoća slušalica** omogućava zasebno postavljanje glasnoće povezanih slušalica.

Prilagodba glasnoće . . .

1. Pritisnite **≡ OPTIONS** i u traci izbornika odaberite **Slika i zvuk**.
2. Pritisnite **►** (desno) i odaberite **Glasnoća slušalica** te pritisnite **OK**.
3. Za podešavanje glasnoće pritisnite **▲** (gore) ili **▼** (dolje).
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

---

## Napredne postavke zvuka

---

### Automatska glasnoća

Opcija **Automatska glasnoća** omogućava postavljanje televizora na automatsko izjednačavanje iznenadnih razlika u glasnoći. To je obično na početku reklama ili prilikom promjene kanala.

Uključivanje ili isključivanje . . .

1. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Zvuk > Napredno > Automatska glasnoća**.
3. Pritisnite **►** (desno) i odaberite **Uključeno** ili **Isključeno**.
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

---

## Zvučnici televizora

Zvuk televizora možete poslati na povezane audio uređaje – sustav kućnog kina ili audio sustav. Opcija **TV zvučnici** omogućava vam da odaberete gdje želite čuti zvuk televizora i način na koji ga želite kontrolirati.

- Ako odaberete **Isključeno**, trajno ćete isključiti zvučnike televizora.
- Ako odaberete **Uključeno**, zvučnici televizora uvijek će biti uključeni.

Ako je audio uređaj povezan preko HDMI CEC veze, možete upotrijebiti neku od EasyLink postavki.

- Ako odaberete **EasyLink**, televizor će poslati zvuk na audio uređaj. Televizor će isključiti zvučnike kada uređaj reproducira zvuk.

- Ako odaberete **EasyLink aut. pokr.**, televizor će uključiti audio uređaj, poslati zvuk televizora na uređaj i isključiti zvučnike televizora.

Dok je odabrana postavka **EasyLink** ili **Auto. pokr. EasyLink**, još uvijek možete uključiti zvučnike televizora ili zvučnike uređaja u izborniku Slika i zvuk.

Postavljanje zvučnika televizora . . .

1. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Zvuk > Napredno > TV zvučnici**.
3. Pritisnite **►** (desno) i odaberite **Isključeno, Uključeno, EasyLink** ili **Auto. pokr. EasyLink**.
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

Izravni prelazak na zvučnike . . .

1. Tijekom gledanja televizora pritisnite **≡ OPTIONS** i odaberite **Slika i zvuk**.
2. Odaberite **Zvučnici** i odaberite **Televizor** ili **Pojačalo** (audio uređaj).
3. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

---

## Clear Sound

Opcija **Clear Sound** omogućava poboljšanje zvuka za govor. Idealna je za programe s vijestima. Poboljšanje zvuka govora možete uključiti ili isključiti.

Uključivanje ili isključivanje . . .

1. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Zvuk > Napredno > Clear Sound**.
3. Pritisnite **►** (desno) i odaberite **Uključeno** ili **Isključeno**.
4. Kako biste zatvorili izbornik, pritisnite **↩**, više puta ako je potrebno.

---

## HDMI1-ARC

Ako ne trebate Audio Return Channel (ARC) niti na jednom HDMI priključku, možete isključiti ARC signal.

---

## Format audio izlaza

**Format audio izlaza** omogućava vam postavljanje izlaznog audio signala televizora sukladno mogućnostima obrade zvuka sustava kućnog kina.

---

## Izjednačavanje audio izlaza

**Izjednačavanje audio izlaza** omogućava izjednačavanje glasnoće zvuka sustava kućnog kina s glasnoćom televizora prilikom prebacivanja s jednog na drugi.

---

## Odgoda audio izlaza

Ako postavite usklađivanje kašnjenja zvuka na sustavu kućnog kina kako biste uskladili zvuk i sliku, morate isključiti opciju

**Odgoda audio izlaza** na televizoru.

---

## Pomak audio izlaza

Ako ne možete postaviti kašnjenje na sustavu kućnog kina, možete postaviti odgodu na televizoru uz opciju **Pomak audioizlaza**.

---

## Zvučnici

### Sustav kućnog kina

Zvuk s televizora možete poslati na povezani audio uređaj – sustav kućnog kina ili audio sustav.

Možete odabrati gdje želite čuti zvuk s televizora i način njegove kontrole.

- Ako odaberete **Isključeno**, trajno ćete isključiti zvučnike televizora.

- Ako odaberete **TV zvučnici**, zvučnici televizora uvijek će biti uključeni.




Ako je audio uređaj povezan preko HDMI CEC veze, možete upotrijebiti neku od EasyLink postavki.

- Ako odaberete **EasyLink**, televizor će poslati zvuk na audio uređaj. Televizor će isključiti zvučnike kada uređaj reproducira zvuk.



- Ako odaberete **EasyLink aut. pokr.**, televizor će uključiti audio uređaj, poslati zvuk televizora na uređaj i isključiti zvučnike televizora.

Kada je odabrana opcija EasyLink ili Auto. pokr. EasyLink, još uvijek možete prijeći na zvučnike televizora po potrebi.

Postavljanje zvučnika televizora . . .

1. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Zvuk > Zvučni izlaz**.
3. Pritisnite  (desno) i odaberite **Isključeno**, **TV zvučnici**, **EasyLink** ili **Auto. pokr. EasyLink**.
4. Kako biste zatvorili izbornik, pritisnite , više puta ako je potrebno.



Izravni prelazak na zvučnike . . .

1. Dok gledate televiziju, pritisnite .
2. Odaberite **Zvučnici** i **Televizor** ili **Pojačalo** (audio sustav).
3. Kako biste zatvorili izbornik, pritisnite , više puta ako je potrebno.

---

## Smještaj televizora

U sklopu prve instalacije ova postavka postavljena je na opciju **Na postolju TV-a** ili **Na zidu**. Ako ste od tada promijenili položaj televizora, prilagodite ovu postavku za najbolju reprodukciju zvuka.

1. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Općenite postavke > Smještaj televizora** i pritisnite **OK**.
3. Odaberite **Na stalku za televizor** ili **Montiran na zid** i pritisnite **OK**.
4. Kako biste zatvorili izbornik, pritisnite , više puta ako je potrebno.

---

13.5



## Ambilight

### Ambilight stil



Ambilight možete koristiti u dinamičnom ili statičkom načinu rada.

U **dinamičnom** načinu rada televizor prati boje slike na zaslonu. U načinu rada **Statičko** Ambilight ima konstantnu statičnu boju. Statičnu boju za Ambilight možete i sami izraditi.

Odabir načina rada Ambilight . . .

1. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Ambilight > Način rada Ambilight**.
3. Odaberite **Dinamično** ili **Statičko**.
4. Kako biste zatvorili izbornik, pritisnite , više puta ako je potrebno.

Odabir statične boje . . .





1. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Ambilight > Način rada Ambilight > Statičko** i pritisnite **OK**.
3. Odaberite boju iz palete boja. Pritisnite **OK** kako biste potvrdili.
4. Kako biste zatvorili izbornik, pritisnite , više puta ako je potrebno.

---

## Svjetlina funkcije Ambilight

Opcija **Svjetlina** omogućava postavljanje razine svjetline za funkciju Ambilight.

Prilagodba razine . . .





1. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Ambilight > Svjetlina**.
3. Pritisnite **OK** i prilagodite vrijednost pomoću  (gore) ili  (dolje).
4. Kako biste zatvorili izbornik, pritisnite , više puta ako je potrebno.

---

## Ambilight – zasićenost

Opcija **Zasićenost** omogućava postavljanje razine zasićenosti za funkciju Ambilight.

Prilagodba razine . . .






1. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Ambilight > Zasićenost**.
3. Pritisnite **OK** i prilagodite vrijednost pomoću  (gore) ili  (dolje).
4. Kako biste zatvorili izbornik, pritisnite , više puta ako je potrebno.

---

## Brzina za opciju Dinamično

Opcija **Dinamično** omogućava postavljanje brzine kojom Ambilight odgovara na sliku na zaslonu. Možete postaviti opciju brzine Opušteno ili Dinamično. Način rada Ambilight mora biti postavljen na Dinamično kako biste mogli postaviti brzinu za opciju Dinamično.

Prilagodba brzine . . .

1. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke > Ambilight > Dinamično**.
3. Pritisnite  (desno) i prilagodite vrijednost pomoću  (gore) ili  (dolje).
4. Kako biste zatvorili izbornik, pritisnite , više puta ako je potrebno.



---

## Napredne postavke za Ambilight

### Boja zida

Opcija **Boja zida** omogućava vam da neutralizirate utjecaj boje zida na boje Ambilight osvjetljenja. Odaberite boju zida iza televizora i televizor će prilagoditi boje Ambilight osvjetljenja tako da izgledaju onako kako su i zamišljene.

Odabir boje zida . . .



- 1 – pritisnite  i odaberite **Podešavanje**, a zatim pritisnite **OK**.
- 2 – odaberite **TV postavke > Ambilight > Napredno > Boja zida**.
- 3 – odaberite uzorak boje koji odgovara boji zida iza televizora i pritisnite **OK**.
- 4 – – kako biste zatvorili izbornik, pritisnite , više puta ako je potrebno.

---

### Isključenje televizora

Opcija **Isključenje televizora** omogućava postavljanje funkcije Ambilight na trenutno isključenje ili sporo postepeno isključenje kada isključite televizor. Sporo postepeno isključenje daje vam vrijeme da uključite svjetlo u prostoriji.

Odabir isključenja televizora . . .

- 1 – pritisnite  i odaberite **Podešavanje**, a zatim pritisnite **OK**.
- 2 – odaberite **TV postavke > Ambilight > Napredno > Isključenje televizora**.
- 3 – odaberite **Postepeno isključenje** ili **Odmah isključi**.
- 4 – – kako biste zatvorili izbornik, pritisnite , više puta ako je potrebno.


# Specifikacije


## 14.1

### Zaštita okoliša

#### Ušteda energije

**Ekološke postavke** obuhvaćaju postavke televizora koje pomažu u zaštiti okoliša.

Dok gledate televizijske kanale, pritisnite  kako biste otvorili **Ekološke postavke**.

Aktivne postavke označene su s . Svaku postavku možete označiti ili odznačiti pomoću tipke **OK**.

Ponovo pritisnite  kako biste zatvorili **Ekološke postavke**.

#### Ušteda energije

Ovaj stil slike postavlja sliku na najbolju postavku za uštedu energije.

#### Zaslon isključen

Ako samo slušate glazbu, možete isključiti zaslon televizora radi uštede energije.

Odaberite **Zaslon isključen** i pritisnite **OK**. Kako biste ponovo uključili zaslon, pritisnite bilo koju tipku na daljinskom upravljaču.

#### Automatsko isključivanje

Ako u razdoblju od 4 sata ne pritisnete nijednu tipku na daljinskom upravljaču ili ako televizor 10 minuta ne primi signal, automatski će se isključiti radi uštede energije.

Ako televizor koristite kao monitor ili koristite digitalni prijemnik za gledanje televizije (set top box – STB) i ne koristite daljinski upravljač televizora, deaktivirajte funkciju automatskog isključivanja.


Osim ekoloških postavki, televizor ima i ekološki prihvatljivu tehnologiju vezanu uz potrošnju energije.

#### Isključivanje neaktivnih uređaja

Isključite povezane uređaje s podrškom za EasyLink HDMI-CEC (Consumer Electronic Control) koji nisu aktivni.

#### Štednja energije

Napredna štednja energije ovog televizora osigurava najučinkovitije korištenje njegove energije. Možete provjeriti kako osobne postavke na televizoru, razina svjetline trenutnih slika na zaslonu te svjetlo u okolini određuju relativnu potrošnju energije. Provjera relativne potrošnje energije . . .

1. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **Demozapisi > Demo za Active Control** i pritisnite **OK**.
3. Odaberite postavku kako biste provjerili odgovarajuće vrijednosti.

## Europska energetska oznaka

**Europska energetska oznaka** pruža informacije o klasi energetske učinkovitosti ovog proizvoda. Što je klasa energetske učinkovitosti viša, to je potrošnja energije niža.

Na oznaci je navedena klasa energetske učinkovitosti, prosječna potrošnja energije kada je proizvod uključen i prosječna potrošnja energije tijekom razdoblja od 1 godine. Informacije o potrošnji energije za ovaj proizvod možete pronaći i na web-stranici tvrtke Philips na [www.philips.com/TV](http://www.philips.com/TV)

## Kraj korištenja

### Odlaganje starog proizvoda i baterija

Proizvod je proizveden od vrlo kvalitetnih materijala i komponenti, pogodnih za recikliranje i ponovnu uporabu.



Kada je na proizvod pričvršćen ovaj znak prekrížene kante za smeće, to znači da proizvod pokriva smjernica EU-a 2002/96/EC.



Upoznajte se s lokalnim sustavom odvojenog prikupljanja električnih i elektroničkih proizvoda.

Ponašajte se u skladu s lokalnim propisima i ne odlažite proizvode s uobičajenim kućanskim otpadom. Ispravno odlaganje starih proizvoda pomaže u sprječavanju potencijalnih negativnih posljedica za okoliš i ljudsko zdravlje.

Proizvod sadrži baterije koje su obuhvaćene direktivom EU-a 2006/66/EC koje se ne smiju odlagati s drugim kućanskim otpadom.



Saznajte koji su lokalni propisi o odvojenom prikupljanju baterija jer ispravno odlaganje pomaže u sprječavanju negativnih posljedica za okoliš i ljudsko zdravlje.

## 14.2

## Prijem za PxHxxx9 / PxTxxx9

- Antenski ulaz: 75 ohma, koaksijalni (IEC75)
- Frekvencijski pojas tunera: Hyperband, S-Channel, UHF, VHF
- DVB: DVB-T (zemaljski, antena) COFDM 2K/8K, DVB-T2: samo za televizore '... T/12', DVB-C (kabelski) QAM
- Reprodukcijski analognog videozapisa: NTSC, SECAM, PAL
- Reprodukcijski digitalnog videozapisa: MPEG2 SD/HD (ISO/IEC)

13818-2), MPEG4 SD/HD (ISO/IEC 14496-10)  
- Reprodukcijska digitalnog zvuka (ISO/IEC 13818-3)

14.3

## Zaslon

### Vrsta

Veličina dijagonale:

- 42Pxx5209: 107 cm / 42 inča
- 47Pxx5209: 119 cm / 47 inča
- 55Pxx5209: 140 cm / 55 inča

Rezolucija zaslona:

1920 x 1080p

### Rezolucije zaslona

Računalni formati – HDMI (rezolucija – brzina osvježavanja)

640 x 480 – 60 Hz  
800 x 600 – 60 Hz  
1024 x 768 – 60 Hz  
1280 x 720 – 60 Hz  
1280 x 768 – 60 Hz  
1280 x 1024 – 60 Hz  
1360 x 768 – 60 Hz  
1600 x 900 – 60 Hz\*  
1680 x 1050 – 60 Hz\*  
1920 x 1080 – 60 Hz\*

Računalni formati – VGA (rezolucija – brzina osvježavanja)

640 x 480 – 60 Hz  
800 x 600 – 60 Hz  
1024 x 768 – 60 Hz  
1280 x 1024 – 60 Hz  
1360 x 768 – 60 Hz  
1600 x 900 – 60 Hz\*  
1600 x 1200 – 60 Hz\*  
1920 x 1080 – 60 Hz\*

Video formati (rezolucija - brzina osvježavanja)

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, 50 Hz, 60 Hz

\* Samo za određene uređaje.

14.4

## Snaga

Specifikacije proizvoda mogu se promijeniti bez prethodne najave. Više detalja za ovaj proizvod potražite na web-mjestu [www.philips.com/support](http://www.philips.com/support)

### Snaga

- Napajanje: AC 220 – 240 V +/-10 %
- Temperatura okoline: 5 °C do 35 °C
- Potrošnja energije u stanju pripravnosti: manje od 0,3 W
- Značajke za uštedu energije: ekološki način rada, isključenje zaslona (za radio), automatsko isključivanje, izbornik s ekološkim postavkama.

Oznaka napajanja navedena na pločici proizvoda predstavlja potrošnju energije ovog proizvoda tijekom uobičajene uporabe u kućanstvu (IEC 62087 izdanje 2). Oznaka najvećeg napajanja, navedena u zagradama, predstavlja najvišu sigurnu vrijednost (IEC 60065 izdanje 7.2).

14.5

## Dimenzije i težina\_5199/5209

### 42Pxx5199/42Pxx5209

- bez postolja televizora:

Širina 952,2 mm – visina 557,1 mm – dubina 69,6 mm – težina ±10,4 kg

- s postoljem televizora:

Širina 952,2 mm – visina 616,9 mm – dubina 213,1 mm – težina ±11,7 kg

### 47Pxx5109/47Pxx5209

- bez postolja televizora:

Širina 1063,9 mm – visina 619,9 mm – dubina 69,6 mm – težina ±13,4 kg

- s postoljem televizora:

Širina 1063,9 mm – visina 679,7 mm – dubina 254,4 mm – težina ±14,8 kg

### 55Pxx5109/55Pxx5209

- bez postolja televizora:

Širina 1233,8 mm – visina 715,5 mm – dubina 76,4 mm – težina ±18,8 kg

- s postoljem televizora:

Širina 1233,8 mm – visina 782 mm – dubina 300 mm – težina ±20,5 kg

## Mogućnost povezivanja

### Za PxKxxx9

#### Stražnja strana televizora

- HDMI 1 ARC: HDMI Audio Return Channel
- HDMI 2
- SERV.U: Servisni priključak
- TV ANTENA: 75 oma, koaksijalni (IEC)
- SCART (RGB/CVBS): SCART adapter
- AUDIO IN (DVI): stereo minipriključnica od 3,5 mm
- DIGITAL AUDIO OUT: SPDIF
- Slušalice: stereo minipriključnica od 3,5 mm

#### Bočna strana televizora

- CI: Common Interface
- USB
- Satelit

### Za PxHxxx9/PxTxxx9

#### Stražnja strana televizora

- HDMI 1 ARC: HDMI Audio Return Channel
- HDMI 2
- SERV.U: Servisni priključak
- TV ANTENA: 75 oma, koaksijalni (IEC)
- SCART (RGB/CVBS): SCART adapter
- AUDIO IN (DVI): stereo minipriključnica od 3,5 mm
- DIGITAL AUDIO OUT: SPDIF
- Slušalice: stereo minipriključnica od 3,5 mm

#### Bočna strana televizora

- CI: Common Interface
- USB

- SRT: podrška za više jezika

### Podržani audio/video formati

File Extensions	Container	Video Decoder	Resolution	Audio Decoder
*.avi	AVI	x264 - H264/AVC encoder (C264), 1920x1080, 30 fps MPEG Layer-3, 175 kbps, 48,000 Hz, Stereo	1920 x 1080	MP3, MP2, AC3
		XviD	1920 x 1080	MP3, MP2
		MPEG1	768 x 576	MP3, MP2, AC3
		MPEG2	1920 x 1080	MP3, MP2, AC3
		H264	1920 x 1080	MP3, MP2, AC3
*.mp4 *.mov		MPEG-4	1920 x 1080	MP3, MP2, AC3
		H264	1920 x 1080	MP3
*.mkv	MKV	MPEG-4	1920 x 1080	MP3
		H264	1920 x 1080	MP3, AC3
*.mpg *.mpeg	PS (Program Stream)	MPEG-4	1920 x 1080	MP3, MP2, AC3
		MPEG1	768 x 576	MP2, AC3
		MPEG2	1920 x 1080	MP2, AC3

File Extensions	Container	Video Decoder	Resolution	Audio Decoder
Others	TS (Transport Stream)	MPEG2	1920 x 1080	MP2, AC3
		H264	1920 x 1080	MP2, AC3

## Multimedija

Napomena: Nazivi multimedijских datoteka ne smiju biti dulji od 128 znakova.

### Podržani multimedijски priključci

- USB 2.0 (FAT / FAT 32 / NTFS): priključite samo USB uređaje koji troše 500 mA ili manje.

### Podržane slikovne datoteke

- JPEG: \*.jpg, \*.jpeg
- PNG: \*.png, \*.jpg

### Podržane audiodatoteke

- MPEG1: \*.mp3

### Podržane videodatoteke

- \*.avi, \*.mp4, \*.mov, \*.mkv, \*.mpg, \*.mpeg

### Podržani format titlova

# Softver

## 15.1

## Nadogradnja softvera

### Ažuriranje pomoću USB uređaja

Možda će biti potrebno ažurirati softver televizora. Treba vam računalo i USB memorijski uređaj pomoću kojeg ćete softver preneti na televizor. Koristite USB memorijski uređaj s 256 MB slobodnog prostora. Provjerite je li isključena zaštita od zapisivanja.

#### 1. Pokretanje ažuriranja na televizoru

Pokretanje ažuriranja softvera . . .

Pritisnite **▲**, odaberite **Podešavanje** i pritisnite **OK**.

Odaberite **Ažuriraj softver > USB** i pritisnite **OK**.

#### 2. Identifikacija televizora

Priključite USB memorijski uređaj u jednu od USB priključnica na televizoru.

Odaberite **Započni** i pritisnite **OK**. Identifikacijska datoteka upisat će se na USB memorijski uređaj.

#### 3. Preuzimanje softvera televizora

Priključite USB memorijski uređaj u računalo.

Na USB memorijskom uređaju pronađite datoteku **update.htm** i dvaput je pritisnite.

Pritisnite **Pošalji ID**.

Ako je novi softver dostupan, preuzmite .zip datoteku.

Nakon preuzimanja raspakirajte datoteku i kopirajte datoteku **autorun.upg** na USB memorijski uređaj.

Tu datoteku nemojte stavljati u mapu.

#### 4. Ažuriranje softvera televizora

Ponovo priključite USB memorijski uređaj u televizor. Ažuriranje će se automatski pokrenuti.

Televizor će se isključiti na 10 sekundi i zatim ponovo uključiti.

Pričekajte.

**Nemojte . . .**

- koristiti daljinski upravljač
- vaditi USB memorijski uređaj iz televizora

Ako tijekom ažuriranja dođe do prekida napajanja, nemojte vaditi USB memorijski uređaj iz televizora. Kada se napajanje vrati, televizor će nastaviti s ažuriranjem.

## 15.2

## Verzija softvera

Prikaz trenutne verzije softvera televizora . . .

1. Pritisnite **▲** i odaberite **Podešavanje** te pritisnite **OK**.

2. Odaberite **Postavke softvera** i pritisnite **OK**.

3. Odaberite **Podaci o trenutnom softveru** i

pogledajte **Verzija izdanja**.

4. Kako biste zatvorili izbornik, pritisnite **↵**, više puta ako je potrebno.

## 15.3

## Softver otvorenog koda

Ovaj televizor ima softver otvorenog koda. TP Vision Europe B.V. ovim putem nudi da na zahtjev isporuči potpun odgovarajući izvorni kôd za pakete softvera otvorenog koda zaštićene autorskim pravima koji se koriste u ovom proizvodu, ako je takav zahtjev sadržan u odgovarajućim licencama.

Ponuda vrijedi za sve primatelje ove informacije najduže tri godine nakon kupnje proizvoda.

Kako biste dobili izvorni kôd, obratite se na engleskom jeziku na adresu . . .

Intellectual Property Dept.

TP Vision Europe B.V.

Prins Bernhardplein 200

1097 JB Amsterdam

The Netherlands

## 15.4

## Open source license

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zlib (1.2.7) A massively spiffy yet delicately unobtrusive compression library. Source: <http://www.zlib.net/> This piece of software is made available under the terms and conditions of the zlib license, which can be found below.



libjpeg (6b) It is a widely used C library for reading and writing JPEG image files. Source: <http://libjpeg.sourceforge.net/> This piece of software is made available under the terms and conditions of the JPEG license, which can be found below.

libsqlite3 (3.7.14) SQLite is a C library that implements an SQL database engine. Programs that link with the SQLite library can have SQL database access without running a separate RDBMS process.

Source:

<http://linuxappfinder.com/package/libsqlite3-0> This piece of software is made available under the terms and conditions of the SQLite public domain license, which can be found below.

Openssl (1.0.0.d) A toolkit implementing SSL v2/v3 and TLS protocols with full-strength cryptography world-wide. Source: [www.openssl.org](http://www.openssl.org) This piece of software is made available under the terms and conditions of the Apache license, which can be found below.

libboost (1.51) Provides a repository for free peer-reviewed portable C++ source libraries. The emphasis is on libraries which work well with the C++ standard library. Source: [www.boost.org](http://www.boost.org) This piece of software is made available under the terms and conditions of the Boost license, which can be found below.

libdirectfb (1.4.11) DirectFB is a graphics library which was designed with embedded systems in mind. It offers maximum hardware accelerated performance at a minimum of resource usage and overhead. Source: <http://directfb.org> This piece of software is made available under the terms and conditions of the GNU Lesser General Public License, which can be found below.

libTomMath (0.42.0) A free open source portable number theoretic multiple-precision integer library written entirely in C. Source: <http://libtom.org/> This piece of software is made available under the terms and conditions of the WTFPL license, which can be found at this site: [www.wtfpl.net/txt/copying](http://www.wtfpl.net/txt/copying)

MTD utility (1.5.0) MTD subsystem (Memory Technology Devices) provides an abstraction layer for raw flash devices. It makes it possible to use the same API when working with different flash types and technologies, e.g. NAND, OneNAND, NOR, AG-AND, ECC'd NOR, etc. MTD subsystem does not deal with block devices like MMC, eMMC, SD, CompactFlash, etc. These devices are not raw flashes but they have a Flash Translation layer inside, which makes them look like block devices. These devices are the subject of the Linux block subsystem, not MTD.

Source:

<http://www.linux-mtd.infradead.org/source.html> This piece of software is made available under the terms and conditions of the GNU General Public License, which can be found below.

FFmpeg (0.6) Cross-platform solution to record, convert and stream audio and video. It includes libavcodec - the leading audio/video codec library. Source: [www.ffmpeg.org](http://www.ffmpeg.org) This piece of software is made available under the terms and conditions of the GNU Lesser General Public License version 2.1 or GNU General Public License version 2, which can be found below.

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zlib LICENSE [zlib.h](#) -- interface of the 'zlib' general purpose compression library version 1.2.8, April 28th, 2013  
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Independent JPEG Group's free JPEG software This package contains C software to implement JPEG image encoding, decoding, and transcoding. JPEG is a standardized compression method for full-color and gray-scale images.

The distributed programs provide conversion between JPEG "JFIF" format and image files in PBMPLUS PPM/PGM, GIF, BMP, and Targa file formats. The core compression and decompression library can easily be reused in other programs, such as image viewers. The package is highly portable C code; we have tested it on many machines ranging from PCs to Crays. We are releasing this software for both noncommercial and commercial use.

Companies are welcome to use it as the basis for JPEG-related products. We do not ask a royalty, although we do ask for an

acknowledgement in product literature (see the README file in the distribution for details). We hope to make this software industrial-quality --- although, as with anything that's free, we offer no warranty and accept no liability. For more information, contact [jpeg-info@jpegclub.org](mailto:jpeg-info@jpegclub.org).

Contents of this directory `jpegsrc.vN.tar.gz` contains source code, documentation, and test files for release N in Unix format.

`jpegsrN.zip` contains source code, documentation, and test files for release N in Windows format.

`jpegaltui.vN.tar.gz` contains source code for an alternate user interface for `cjpeg/djpeg` in Unix format.

`jpegaltuiN.zip` contains source code for an alternate user interface for `cjpeg/djpeg` in Windows format.

`wallace.ps.gz` is a PostScript file of Greg Wallace's introductory article about JPEG. This is an update of the article that appeared in the April 1991 Communications of the ACM.

`jpeg.documents.gz` tells where to obtain the JPEG standard and documents about JPEG-related file formats.

`jfif.ps.gz` is a PostScript file of the JFIF (JPEG File Interchange Format) format specification.

`jfif.txt.gz` is a plain text transcription of the JFIF specification; it's missing a figure, so use the PostScript version if you can.

`TIFFTechNote2.txt.gz` is a draft of the proposed revisions to TIFF 6.0's JPEG support.

`pm.errata.gz` is the errata list for the first printing of the textbook "JPEG Still Image Data Compression Standard" by Pennebaker and Mitchell.

`jdosaobj.zip` contains pre-assembled object files for `JMEMDOSA.ASM`. If you want to compile the IJG code for MS-DOS, but don't have an assembler, these files may be helpful.

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# Rješavanje problema i podrška

16.1

## Rješavanje problema

### Kanali

Tijekom instalacije nije pronađen nijedan digitalni kanal

Pogledajte tehničke specifikacije kako biste provjerili podržava li televizor DVB-T ili DVB-C u vašoj državi. Provjerite jesu li svi kabeli ispravno povezani i je li odabrana odgovarajuća mreža.

Prethodno instalirani kanali nisu na popisu kanala

Provjerite je li odabran odgovarajući popis kanala.

### Općenito

Televizor se ne uključuje.

- Iskopčajte kabel za napajanje iz utičnice. Pričekajte jednu minutu i zatim ga ponovo ukopčajte.
- Provjerite je li kabel za napajanje čvrsto povezan.

Zvuk škripanja prilikom pokretanja ili isključivanja

Kada televizor uključujete, isključujete ili stavljate u stanje pripravnosti, čuje se škripanje kućišta. Škripanje je normalno i nastaje uslijed normalnog širenja i skupljanja televizora dok se hladi i zagrijava. To ne utječe na rad.

Televizor ne reagira na daljinski upravljač

Televizoru je potrebno neko vrijeme za pokretanje. U to vrijeme televizor ne reagira na daljinski upravljač ili kontrole na kućištu. To je normalan rad.

Ako televizor i dalje ne bude reagirao na daljinski upravljač, možete provjeriti radi li daljinski upravljač pomoću fotoaparata mobilnog telefona. Stavite telefon u način rada fotoaparata i usmjerite daljinski upravljač prema objektivu fotoaparata. Ako pritisnete bilo koju tipku na daljinskom upravljaču i primijetite infracrveno LED treperenje kroz objektiv fotoaparata, to znači da daljinski upravljač radi. Treba provjeriti televizor. Ako ne primijetite treperenje, možda je daljinski upravljač pokvaren ili su baterije u njemu gotovo prazne. Ova metoda provjere daljinskog upravljača nije moguća s daljinskim upravljačima koji se bežično uparuju s televizorom.

Televizor se vraća u stanje pripravnosti nakon što prikaže zaslon pokretanja s logotipom tvrtke Philips

Kada se televizor nalazi u stanju pripravnosti, prikazuje se početni



zaslon s logotipom Philips, a nakon toga se televizor vraća u stanje pripravnosti. To je normalno ponašanje. Kada se televizor iskopča i ponovo ukopča u izvor napajanja, prilikom sljedećeg pokretanja prikazat će se zaslon pokretanja. Kako biste televizor uključili iz stanja pripravnosti, pritisnite bilo koju tipku na daljinskom upravljaču ili televizoru.

Indikator stanja pripravnosti stalno bljeska

Iskopčajte kabel za napajanje iz utičnice. Pričekajte 5 minuta prije ponovnog ukopčavanja kabela za napajanje. Ako se bljeskanje ponovo pojavi, obratite se korisničkoj službi tvrtke Philips.

Pogrešan jezik izbornika

Vratite jezik na onaj koji želite.

1. Pritisnite  i odaberite **Podešavanje** te pritisnite **OK**.
2. Odaberite **TV postavke** > **Općenite postavke** > **Jezik izbornika** i pritisnite **OK**.
3. Odaberite željeni jezik i pritisnite **OK**.
4. Kako biste zatvorili izbornik, pritisnite , više puta ako je potrebno.

### Slika

Nema slike / izobličena slika

- Provjerite je li antena ispravno povezana s televizorom.
- Provjerite je li odgovarajući uređaj odabran kao izvor prikaza.
- Provjerite je li vanjski uređaj ili izvor ispravno povezan.

Zvuk se čuje, ali nema slike

- Provjerite jesu li postavke slike ispravno postavljene.

Loš prijem antenskih signala

- Provjerite je li antena ispravno povezana s televizorom.
- Zvučnici, neuzemljeni audio uređaji, neonska svjetla, visoke zgrade i drugi veliki objekti utječu na kvalitetu prijema. Ako je moguće, pokušajte poboljšati kvalitetu prijema tako da promijenite smjer antene ili odmaknete uređaje od televizora.
- Ako je slab prijam samo jednog kanala, precizno ugodite taj kanal.

Loša slika s uređaja

- Provjerite je li uređaj ispravno povezan.
- Provjerite jesu li postavke slike ispravno postavljene.


Postavke slike mijenjaju se nakon određenog vremena

Provjerite je li opcija **Mjesto** postavljena na **Dom**. Postavke možete promijeniti i spremi u ovom načinu rada.

Prikazat će se reklamni natpis

Provjerite je li opcija **Mjesto** postavljena na **Dom**.

Slika ne odgovara zaslonu

Promijenite format slike. Pritisnite .

Format slike mijenja se sukladno raznim kanalima

Odaberite format slike koji nije "Automatski".

### Položaj slike nije ispravan

Slika s nekih uređaja možda neće moći ispravno stati na zaslon. Provjerite izlazni signal s povezanom uređaja.

### Slika s računala nije stabilna

Provjerite koristi li računalo podržanu rezoluciju i brzinu osvježavanja.

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## Zvuk

### Nema zvuka ili loša kvaliteta zvuka

Ako ne otkrije nikakav audiosignal, televizor automatski isključuje audioizlaz – to ne ukazuje na kvar.

- Provjerite jesu li postavke zvuka ispravno postavljene.
- Provjerite jesu li svi kabeli ispravno povezani.
- Provjerite je li glasnoća isključena ili postavljena na nulu.
- Provjerite je li audio izlaz televizora povezan s audio ulazom sustava kućnog kina.
- Zvuk bi se trebao čuti sa zvučnika sustava kućnog kina.
- Neki uređaji možda će zahtijevati ručno omogućavanje HDMI audio izlaza. Ako je HDMI audio već omogućen, ali još uvijek ne čujete zvuk, pokušajte promijeniti digitalni audio format uređaja na PCM (Pulse Code Modulation). Upute potražite u dokumentaciji isporučenoj s uređajem.

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## Priključnice

### HDMI

- Imajte na umu da podrška za HDCP (High-bandwidth Digital Content Protection) može produljiti vrijeme koje je televizoru potrebno da prikaže sadržaj s HDMI uređaja.
- Ako televizor ne prepoznaje HDMI uređaj i ne prikazuje se slika, postavite neki drugi pa ponovo vratiti ovaj izvor.
- Ako se čuje isprekidani zvuk, provjerite jesu li postavke izlaza s HDMI uređaja ispravne.
- Ako koristite HDMI-na-DVI adapter ili HDMI-na-DVI kabel, pazite da dodatni audio kabel bude priključen na AUDIO IN (samo minipriključak), ako je dostupan.

### EasyLink ne radi

- Provjerite jesu li HDMI uređaji kompatibilni sa standardom HDMI-CEC. EasyLink značajke rade samo s uređajima koji podržavaju HDMI-CEC.

### Ne prikazuje se ikona za glasnoću

- Kada je povezan HDMI-CEC audio uređaj, ovo ponašanje je normalno.

Ne prikazuju se fotografije, videozapisi i glazba s USB uređaja

- Provjerite je li USB uređaj za pohranu postavljen na standard "Mass Storage Class" kako je opisano u dokumentaciji uređaja.
- Provjerite je li USB uređaj za pohranu kompatibilan s televizorom.
- Provjerite podržava li televizor audiodatoteke i slikovne datoteke.

### Isprekidana reprodukcija datoteka s USB uređaja

- Radne značajke prijenosa USB uređaja za pohranu mogu ograničavati brzinu prijenosa podataka na televizor, što dovodi do slabe reprodukcije.

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16.2

## Registracija

Registrirajte svoj televizor i uživajte u nizu prednosti, uključujući punu podršku (uz sadržaje za preuzimanje), privilegirani pristup informacijama o novim proizvodima, ekskluzivne ponude i popuste, priliku za osvajanje nagrada i čak sudjelovanje u posebnim anketama o novim izdanjima.

Idite na [www.philips.com/welcome](http://www.philips.com/welcome)


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16.3

## Pomoć

Ovaj televizor pruža pomoć na zaslonu.

### Otvaranje Pomoći

1. Pritisnite  kako biste otvorili izbornik Početak.
2. Odaberite **Pomoć** i pritisnite **OK**.

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16.4

## Pomoć na mreži

Kako biste riješili bilo koji problem vezan uz televizor tvrtke Philips, možete se obratiti našoj podršci na mreži. Možete odabrati svoj jezik i unijeti broj modela svog proizvoda.

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

Na web-stranici podrške možete pronaći telefonski broj u svojoj državi na koji nas možete kontaktirati, kao i odgovore na česta pitanja. U nekim državama možete putem mreže razgovarati s jednim od naših suradnika i postaviti pitanje izravno ili putem e-pošte.

Možete preuzeti novi softver za televizor ili priručnik koji ćete čitati na računalo.

## Korisnička služba / popravak

Za podršku i popravak možete nazvati službu za podršku potrošačima u svojoj državi. Telefonski broj pronaći ćete u tiskanoj dokumentaciji isporučenoj s televizorom.

Ili posjetite naše web-mjesto **[www.philips.com/support](http://www.philips.com/support)**.

### Broj modela i serijski broj televizora

Od vas će se možda zatražiti da ostavite broj modela i serijski broj televizora. Te brojeve možete pronaći na naljepnici na ambalaži ili na naljepnici uređaja sa stražnje strane ili na donjem dijelu televizora.

### Upozorenje

Ne pokušavajte popraviti televizor sami. To može dovesti do ozbiljne ozljede, nepopravljivog kvara televizora ili poništenja jamstva.

# Sigurnost i održavanje

17.1

## Sigurnost

### Važno

Prije korištenja televizora s razumijevanjem pročitajte sve sigurnosne upute. Ako do oštećenja dođe uslijed nepridržavanja uputa, jamstvo ne vrijedi.

### Pričvrstite televizor kako ne bi pao

Obavezno upotrijebite isporučeni nosač za montažu na zid i pričvrstite televizor kako ne bi pao. Montirajte nosač i pričvrstite televizor na njega, čak i ako televizor stavljate na pod.

Upute za montažu pronaći ćete u Kratkim uputama priloženima uz televizor. Ako ste slučajno izgubili te upute, možete ih preuzeti na web-stranici [www.philips.com](http://www.philips.com). Pomoću serijskog broja televizora pronađite odgovarajuće Kratke upute koje ćete preuzeti.

### Rizik od strujnog udara ili požara

- Televizor nikada ne izlažite kiši ili vodi. Posude s tekućinom, na primjer vaze, ne stavljajte blizu televizora. Ako se tekućina prolije po televizoru, odmah ga iskopčajte iz utičnice.

Od korisničke podrške tvrtke Philips zatražite da prije uporabe provjeri televizor.

- Televizor, daljinski upravljač i baterije nemojte izlagati prekomjernoj toplini. Nikada ih nemojte stavljati blizu zapaljenih svijeća, otvorenog plamena ili drugih izvora topline, uključujući izravnu sunčevu svjetlost.

- Ne stavljajte predmete u ventilacijske i druge otvore na televizoru.

- Nikada nemojte stavljati teške predmete na kabel za napajanje.

- Izbjegavajte pritiskanje utikača za napajanje. Olabavljeni utikači mogu uzrokovati iskrenje ili požar. Pazite da se kabel napajanja ne zateže prilikom zakretanja zaslona televizora.

- Kako biste iskopčali televizor, utikač za napajanje na televizoru mora se iskopčati. Prilikom iskopčavanja obavezno vucite utikač, a nikada kabel. Osigurajte potpun pristup utikaču, kabelu za napajanje i utičnici u svakom trenutku.

### Rizik od ozljede ili oštećenja televizora

- Za podizanje i nošenje televizora težeg od 25 kg potrebne su dvije osobe.

- Ako televizor montirate na postolje, koristite samo isporučeno postolje. Postolje dobro pričvrstite za televizor. Postavite televizor na vodoravnu površinu koja može nositi težinu televizora i postolja.

- Prilikom montaže na zid koristite zidni nosač koji može nositi težinu televizora. Tvrtka TP Vision ne snosi odgovornost za nepravilnu montažu na zid koja može uzrokovati nezgode, ozljede ili štetu.

- Dijelovi ovog proizvoda napravljeni su od stakla. Njima pažljivo rukujte kako biste izbjegli ozljede ili oštećenje.

### Opasnost od oštećenja televizora!

Prije ukopčavanja televizora u zidnu utičnicu, provjerite odgovara li napon napajanja naponu navedenom na stražnjoj strani televizora. Nemojte ukopčavati televizor ako se napon razlikuje.

### Rizik od ozljede djece

Kako biste spriječili prevrtanje televizora i ozljede djece, provedite ove mjere opreza:

- Nikada ne stavljajte televizor na površinu pokrivenu tkaninom ili drugim materijalom koji se može izvući.

- Pazite da nijedan dio televizora ne visi iznad ruba površine.

- Nikada nemojte postavljati televizor na visoko pokućstvo (na primjer, police za knjige), a da i taj komad pokućstva i televizor ne pričvrstite za zid ili neki drugi odgovarajući potporanj.

- Naučite djecu opasnostima koje im prijete ako se penju na pokućstvo kako bi dosegli televizor.

### Opasnost od gutanja baterija!

U daljinskom upravljaču možda se nalaze okrugle baterije koje mala djeca lako mogu progutati. Te baterije uvijek držite izvan dohvata djece.

### Rizik od pregrijavanja

Nikada nemojte postavljati televizor u skućeni prostor.

Obavezno ostavite prostor od najmanje 10 cm oko televizora radi ventilacije. Pazite da zavjese ili drugi predmeti nikada ne prekrivaju otvore za ventilaciju televizora.

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## Grmljavinsko nevrijeme

Prije grmljavinskog nevremena iskopčajte televizor iz naponske utičnice i antenske priključnice.

Tijekom grmljavinskog nevremena ne dirajte nijedan dio televizora, kabela za napajanje ili antenskog kabela.

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## Rizik od oštećenja sluha

Izbjegavajte korištenje slušalica pri velikoj glasnoći ili duže vremensko razdoblje.

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## Niske temperature

Ako se televizor transportira pri temperaturama nižima od 5°C, prije ukopčavanja u strujnu utičnicu raspakirajte televizor i pričekajte da se njegova temperatura izjednači sa sobnom temperaturom.

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## Vlažnost

U rijetkim slučajevima, ovisno o temperaturi i vlazi, s unutarnje strane prednje staklene ploče (kod nekih modela) televizora može se pojaviti kondenzacija. Kako biste to spriječili, televizor nemojte izlagati izravnoj sunčevoj svjetlosti, toplini niti visokoj razini vlage. Ako dođe do kondenzacije, ona će sama nestati nakon nekoliko sati rada televizora.

Kondenzacija neće oštetiti televizor niti uzrokovati kvar.

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17.2

## Briga za zaslon

- Nikada nemojte dodirivati, gurati, trljati niti udarati zaslon nekim predmetom.

- Prije čišćenja iskopčajte televizor.

- Televizor i okvir čistite mekanom, vlažnom krpom i nježno brišite. Televizor ne čistite tvarima kao što su alkohol, kemikalije ili sredstva za čišćenje u kućanstvu.

- Kako biste izbjegli oštećenja ili blijedenje boje, kapi vode obrišite što je prije moguće.

Izbjegavajte statične slike što je moguće više. Statične su slike one slike koje ostaju na zaslonu duže vremensko razdoblje. Statične slike uključuju zaslonske izbornike, cme trake, prikaze vremena itd. Ako morate koristiti statične slike, smanjite kontrast i svjetlinu kako biste izbjegli oštećenje zaslona.

# Odredbe uporabe, autorska prava i licence

18.1

## Odredbe korištenja

2014 © TP Vision Europe B.V. Sva prava pridržana.

Ovaj je proizvod proizvela i pustila na tržište tvrtka TP Vision Europe B.V. ili neka o njezinim podružnicama, u nastavku TP Vision, koja je proizvođač proizvoda. TP Vision daje jamstvo za televizor uz koji je bila priložena ova knjižica. Philips i Philipsov emblem registrirani su zaštitni znakovi tvrtke Koninklijke Philips N.V.

Specifikacije su podložne promjeni bez obavijesti. Zaštitni znakovi vlasništvo su tvrtke Koninklijke Philips N.V. ili odgovarajućih vlasnika. TP Vision zadržava pravo izmjene proizvoda u bilo koje vrijeme bez obveze prilagodbe ranijih isporuka u skladu s time.

Smatra se da je pisani materijal koji se isporučuje s televizorom i priručnik pohranjen u memoriji televizora ili preuzet s web-mjesta tvrtke Philips pogodan za predviđenu namjenu sustava.

Materijal u ovom priručniku smatra se odgovarajućim za namijenjenu uporabu sustava. Ako se proizvod ili njegovi pojedinačni moduli ili postupci koriste u svrhu koja ovdje nije navedena, mora se nabaviti potvrda njihove valjanosti i pogodnosti. Tvrtka TP Vision Europe B.V. jamči da sam materijal ne krši prava nijednog patenta registriranog u Sjedinjenim Američkim Državama. Ne daje se nikakvo dodatno eksplicitno ili implicitno jamstvo. Tvrtka TP Vision Europe B.V. ne može se smatrati odgovornom za bilo kakve pogreške u sadržaju ovog dokumenta niti za probleme koji su posljedica sadržaja ovog dokumenta. Pogreške koje se prijave tvrtki Philips ispravit će se i objaviti na web-mjestu podrške tvrtke Philips što je moguće prije. Odredbe jamstva Rizik od ozljede, oštećenja televizora ili poništenja jamstva! Nikada nemojte sami pokušavati popraviti televizor. Koristite televizor i dodatnu opremu samo onako kako propisuje proizvođač. Znak opreza otisnut na stražnjoj strani televizora ukazuje na rizik od strujnog udara. Nikada nemojte skidati poklopac televizora. Ako trebate servis ili popravak, obavezno kontaktirajte službu za korisnike tvrtke Philips. Svi postupci izričito zabranjeni u ovom priručniku i sve prilagodbe ili preinake koje nisu preporučene ili odobrene u ovom priručniku automatski poništavaju jamstvo. Karakteristike piksela Ovaj LCD/LED proizvod ima veliki broj piksela za boju. Iako ima najmanje 99,999 % funkcionalnih piksela, na zaslonu se stalno mogu pojavljivati crne ili svijetle točke (crvene, zelene, plave). To je svojstvo same strukture zaslona (unutar okvira uobičajenih industrijskih standarda), a ne kvar. CE sukladnost Ovaj je proizvod usklađen s osnovnim uvjetima i drugim odredbama Direktiva 2006/95/EZ (za niski napon), 2004/108/EZ (za elektromagnetsku kompatibilnost) i 2011/65/EU (ROHS). Sukladnost EMF standardima TP Vision Europe B.V. proizvodi i

prodaje mnoge potrošačke proizvode koji, poput svih elektroničkih uređaja, općenito mogu odašiljati i primati elektromagnetske signale. Jedno je od glavnih poslovnih načela tvrtke Philips poduzeti sve moguće zdravstvene i sigurnosne mjere pri uporabi naših proizvoda, poštivati sve mjerodavne pravne propise i pridržavati se svih EMF standarda koji su na snazi u vrijeme proizvodnje uređaja. Philips nastoji razvijati, proizvoditi i prodavati samo one proizvode koji ne izazivaju posljedice štetne po zdravlje. Tvrtka TP Vision jamči da su njezini proizvodi, prema danas dostupnim znanstvenim istraživanjima, sigurni ako se koriste na pravilan način i u predviđene svrhe. Tvrtka Philips aktivno sudjeluje u razvoju međunarodnih EMF i sigurnosnih standarda, što joj omogućuje predviđanje razvoja novih standarda i njihovu integraciju u proizvode.

18.2

## Autorska prava i licence

### HDMI



#### HDMI®

Pojmovi HDMI i HDMI High-Definition Multimedia Interface, kao i HDMI logotip zaštićeni su znakovi ili registrirani zaštićeni znakovi tvrtke HDMI Licensing LLC u Sjedinjenim Državama i drugim državama.

### Dolby



#### Dolby®

Proizvedeno uz licencu tvrtke Dolby Laboratories. Dolby i simbol dva slova D trgovački su znakovi tvrtke Dolby Laboratories.

### MHEG softver

Autorska prava na MHEG softver (Softver) sadržan u ovom televizoru (ovaj proizvod) radi omogućavanja uporabe interaktivnih televizijskih značajki u vlasništvu je tvrtke S&T CLIENT SYSTEMS LIMITED (Vlasnik). Softver smijete koristiti samo zajedno s ovim proizvodom.



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## Kensington



Kensington i Micro Saver zaštitni su znakovi tvrtke ACCO World Corporation registrirani u Sjedinjenim Američkim Državama, dok je u više država diljem svijeta postupak registracije u tijeku.

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## Drugi zaštitni znakovi

Svi ostali registrirani ili neregistrirani zaštitni znakovi vlasništvo su odgovarajućih tvrtki.





## Contact information

**Argentina**

0800 444 7749

Buenos Aires 0810 444 7782

**België / Belgique**

070 700 035 (0,15€/min.)

**Bosna i Hercegovina**

033 941 251 (Lokalni poziv)

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Sao Paulo 2938 0245

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**Česká republika**

228880895 (Místní tarif)

**Danmark**

3525 8314

**Deutschland**

0180 501 04 69 (0,14€/Min.)

**Ελλάδα**

2111983028 (Εθνική κλήση)

**España**

902 88 10 83 (0,10€ + 0,08€/min.)

**Estonia**

6683061 (Kohalikud kõned)

**France**

01 57 32 40 50 (local)

**Hrvatska**

01 777 66 01 (Lokalni poziv)

**Italia**

0245 28 70 14 (chiamata nazionale)

**Ireland**

0818 210 140 (national call)

**Northern Ireland**

0844 338 04 88 (5p/min BT landline)

**Казакстан**

8 10 800 2000 00 04 (free)

**Latvia**

6616 3263 (Vietējais tarifs)

**Lithuania**

8 5 214 0293 (Vietiniais tarifais)

**Luxembourg / Luxemburg**

2487 1100 (Nationale Ruf / appel national)

**Magyarország**

06 1 700 8151 (Belföldi hívás)

**Nederland**

0900 202 08 71 (0,10€/min.)

**Norge**

22 97 19 14

**Österreich**

0820 40 11 33 (0,145€/Min.)

**Polska**

22 397 15 04 (Połączenie lokalne)

**Portugal**707 78 02 25 (0,12€/min. - Móvel  
0,30€/min.)**Română**

031 6300042 (Tarif local)

**Россия**

8-800-22 00004 (бесплатно)

**Suisse / Schweiz / Svizzera**

0848 000 291 (0,081 CHF/Min.)

**Србија**

011 321 6840 (Lokalni poziv)

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