

Philips  
HD AV Receiver System



HTR9900

# Uncompromised surround sound

with high definition 7.1 AV receiver

A perfect match for Cinema 21:9 LCD TV, this 7.1 AV system gives you the ultimate cinematic experience with pure high definition sound for all your sources. Make your movie night a special one!

## Pure high definition sound

- 7.1 channel surround sound for the best cinematic experience
- Discrete amplifier and linear power supply for pure sound
- Handcrafted curved wooden speakers for natural sound
- Ring radiator tweeters for the finest details in sound
- Premium woofers for pure HD sound on every beat
- Dolby TrueHD and DTS-HD for high fidelity 7.1 surround sound

## HD cinematic viewing experience

- Upscales all your AV sources to high definition through HDMI
- Deep Color Ready for vivid images in over a billion colors
- Integrated HDMI Hub connects devices to the TV conveniently
- Faroudja DCDi for incredibly sharp high quality video

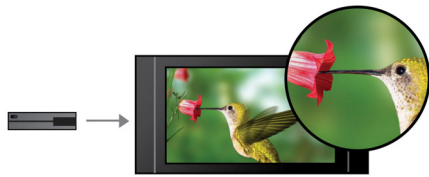
## Easy to set up and use

- 200ms lip sync delay with dedicated TV input of zero delay
- On-screen menu with control of Philips Blu-ray Disc player

# PHILIPS

# Highlights

## Upscales all your AV sources



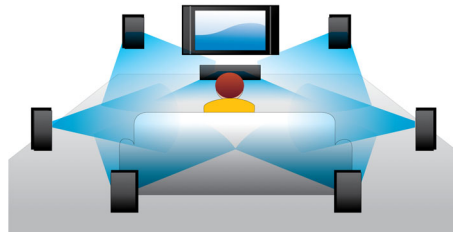
Playing back older analog sources will now be more pleasant. This system automatically upscales all your AV sources to high definition through HDMI connection. Now you can enjoy all your movies in a refreshed high definition quality!

## 200ms lip sync delay



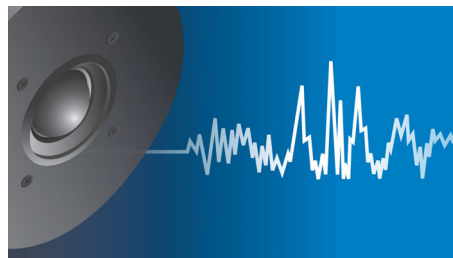
Most of the high end televisions have extensive amounts of video signal processing, causing a delay in video and the audio becomes out of sync. With our lip sync feature, you can delay the audio from your receiver to be synchronized to the timing of the video on screen, varying from 0ms to 200ms. A dedicated TV input of zero delay, unique to this receiver, allows you to have two different settings for your TV audio out and another for the other devices connected through the receiver. With this HD AV receiver, you can fully enjoy your program with no annoying lip sync error.

## Dolby TrueHD and DTS-HD



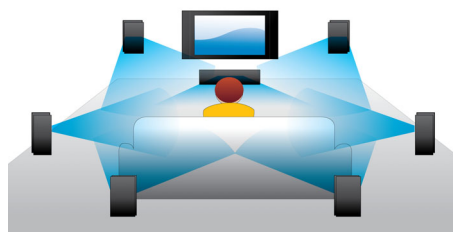
Dolby TrueHD delivers 7.1 channels and DTS-HD High Resolution Audio of the finest sound from your Blu-ray Discs. Audio reproduced is virtually indistinguishable from the studio master, so you hear what the creators intended for you to hear. Dolby TrueHD and DTS-HD High Resolution Audio complete your high definition entertainment experience.

## Ring radiator tweeters



Ring radiator tweeters for the finest details in sound

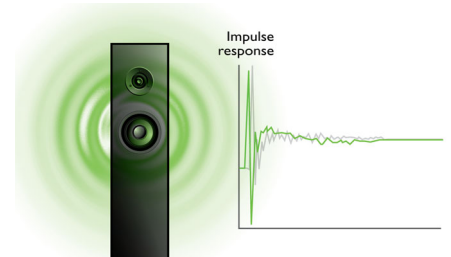
## 7.1 channel surround sound



Enjoy the best sound experience with all your different types of contents. When you are watching your movie, you can get a full 7.1 surround sound to immerse you in the action.

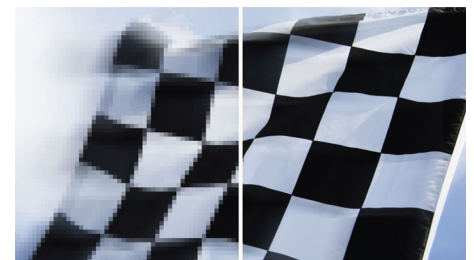
When listening to music, where surround sound is not needed, the system will intuitively channel it to 2.1 stereo sound in which the music will be presented in the best form. Of course you can always choose from the various sound preset modes available on your Blu-ray and/or DVD player, ranging from pure stereo or 7-channel stereo to Dolby TrueHD and DTS Master Audio 7.1 surround sound for the best HD sound experience.

## Premium woofers



Premium woofers for pure HD sound on every beat

## Faroudja DCDi



Enjoy incredibly sharp, high quality video on your progressive scan TV with Faroudja DCDi. The feature alleviates jagged edges that appear when standard interlaced video is viewed, especially with moving images - thus delivering natural-looking action scenes. Bring your viewing experience to the next level with clearer smoother pictures

# Specifications

## Sound

- Output power (RMS): 130W per channel, stereo: 2 x 115W, all channel driven 7 x 60W (all at @8ohms, 1kHz, THD 0.08%), subwoofer 1x200W
- Amplifier: 7 channel, Class A/B, discrete, high current
- Total harmonic distortion: 0.08% (at rated power)
- IM distortion: 0.08% (at rated power)
- Damping factor, 8 Ohms: > 60
- Input sensitivity & impedance: 300mV/47kOhms
- Frequency response: (+/-0.5 dB) 20~20k Hz
- Signal to noise ratio: (IHF-A weighted) >100 dB (ref. rated power 8 ohms), >90 dB (ref. 1W 8 ohms)
- D/A converter: 24 bit, 192 kHz
- A/D converter: 24 bit, 192 kHz
- DSP: dual core 32-bit
- Sound Enhancement: Treble and Bass Control
- Sound System: Dolby Digital, Dolby Digital EX, Dolby Prologic IIx, DTS 96/24, dts ES, DTS Neo:6, Stereo, Dolby Digital Plus, Dolby True HD, DTS HD, Multi-Channel Stereo
- Variable crossover: 60-150Hz
- Lip Sync: 0-200 ms (TV in default 0 ms)
- Trigger out DC voltage: 12V/150mA

## Loudspeakers

- Center Speaker: 2 way
- Center speaker drivers: 25mm Vifa soft dome tweeter, 2x 4" Peerless HDS PPB woofers
- Center power handling: 80 Watts continuous, 100 Watts peak power
- Center speaker sensitivity: 86 dB (2.83V @ 1m)
- Center speaker impedance: 8 ohm
- Center freq range: 80-20k Hz
- Center crossover frequency: 2kHz
- Satellite Speaker: 2 way, 4 Floor standing pillars, 2 bookshelf
- Satellite speaker drivers: 25mm Vifa soft dome tweeter, 2x 4" Peerless HDS PPB woofers
- Satellite power handling: 80 Watts continuous, 100 Watts peak power
- Satellite sensitivity: 86 dB (2.83V @ 1m)
- Satellite speaker impedance: 8 ohm
- Satellite speaker freq range: 80-20k Hz
- Satellite crossover frequency: 2kHz
- Subwoofer type: Active, Bass reflex system, Adaptive Amplitude Control
- Sub-woofer output power: 200 W
- Subwoofer impedance: 4 ohm
- Subwoofer freq range: 35-200 Hz
- Subwoofer driver: 8" long throw woofer
- Subwoofer details: variable frequency control from 50-200Hz, output level control, phase switch (NOR/REV), line input, on/off switch
- Finishing: Wood, Piano paint

## Picture/Display

- HDMI version: 1.3a
- Picture enhancement: Faroudja DCDi, 10 bit deep color, Video Upscaling(720p, 1080i/p)

## Supported Display Resolution

### Video formats

Resolution	Refresh rate
1080p	24, 50, 60Hz
1080i	50, 60Hz
720p	50, 60Hz
576p	50Hz
576i	50Hz
480p	60Hz
480i	60Hz

### Connectivity

- Front / Side connections: Headphone Out, Digital Optical in, S-video in, CVBS in, Audio L/R in
- Rear Connections: HDMI in 4x, Component in 3x, S-Video in 4x, Composite in 4x, Analog Audio in 6x, Analog EXT.Input 7.1ch, Digital optical in 2x, Digital coaxial in 2x, HDMI Monitor out, Component Monitor out, Composite REC out, S-Video Monitor out, S-Video REC out, Analog Audio REC out 2x, Audio PRE out 7.1ch, Digital OPTICAL out, Digital coaxial out, FM Tuner Antenna, AM Tuner Antenna, Remote In/Out, RS232C(Control and sw upgrade), Trigger output(+12V, 150mA), Analog audio in(tuner incl.)

### Tuner/Reception/Transmission

- Tuner Bands: AM, FM
- RDS: Station Name

### Convenience

- Remote Control: Multi-function blu ray control
- On-Screen Display languages: English, French, German, Russian, Spanish
- Smart EQ: with microphone

### Accessories

- Included accessories: AM antenna, FM antenna, Microphone, Remote Control, Batteries for remote control, Quick start guide, User Manual, World Wide Warranty leaflet, Power plug

### Power

- Receiver power supply: 230V, 50Hz
- Receiver power consumption: 435 W
- Receiver standby power: < 1.8 W
- Subwoofer power supply: 220~240V, 50Hz
- Subwoofer power consumption: 200W W
- Subwoofer standby power: Normal 4W, Low standby <0.3W

### Dimensions

- Set dimensions (W x H x D): 435 x 167 x 394 mm
- Set weight: 13.3 kg
- Center speaker dimensions (W x H x D): 435 x 104 x 95 mm
- Center Speaker Weight: 5 kg
- Front Speaker Width: 275 mm
- Front Speaker Height: 1118 mm
- Front Speaker Depth: 288 mm
- Front Speaker Weight: 18 kg
- Surround Speaker dimensions (W x H x D): 275 x 1118 x 288 mm
- Surround speaker Weight: 18 kg

- Back Speaker Width: 175 mm
- Back Speaker Height: 400 mm
- Back Speaker Depth: 195 mm
- Back Speaker Weight: 7.2 mm
- Subwoofer dimensions (W x H x D): 336 x 425 x 366 mm
- Subwoofer Weight: 22.5 kg
- Packaging dimensions 1(WxHxD): 575 x 450 x 540 mm
- Packaging Weight 1: 36 kg
- Packaging dimensions 2(WxHxD): 575 x 450 x 540 mm
- Packaging Weight 2: 36 kg
- Packaging dimensions 3(WxHxD): 1145 x 450 x 540 mm
- Packaging Weight 3: 50.9 kg

### Rear connectors in

- Component video input: 3
- HDMI: 4



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