

Philips  
HD AV Receiver



AVR9900

# Uncompromised surround sound

with high definition AV receiver

A perfect match for Cinema 21:9 LCD TV, this HD AV receiver 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 channel surround sound for great movie experience
- Discrete amplifiers for a wide frequency bandwidth
- Linear power supply for the widest dynamic range
- Pure path signal processing for natural sound reproduction
- Dolby TrueHD and DTS-HD for high fidelity 7.1 surround sound
- Smart EQ with microphone optimizes sound for your room

## 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
- Faroudja DCDi for incredibly sharp high quality video

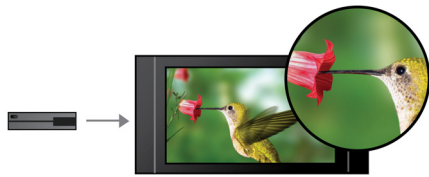
## Easy to set up and use

- 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!

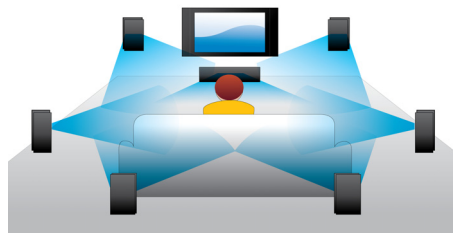
## 200ms lip sync delay



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

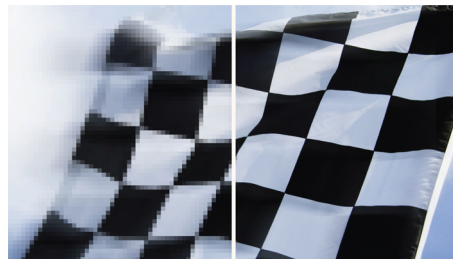
dedicated TV input of zero delay, unique to this receiver, allows you to have two different settings for your TV audio out and another for the other devices connected through the receiver. With this HD AV receiver, you can fully enjoy your program with no annoying lip sync error.

## 7 channel surround sound



7 channel surround sound for great movie experience

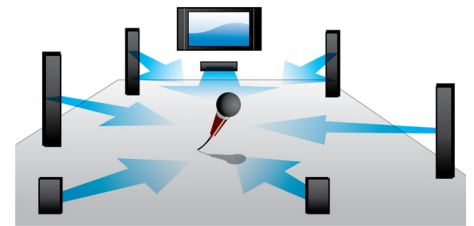
## Faroudja DCDi



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

## Smart EQ



Setting up multiple speakers is no longer a tedious complicated task. With the Smart EQ feature, you can calibrate the receiver to the exact placement of your speakers in your room. Using a microphone, placed at your normal listening-position, the system starts measuring pre-defined parameters, it then calculates and adjusts the ideal system response for your setup. This provides you with the optimal setup for your room, giving you the best sound experience possible.

# 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

## 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
- Number of Preset Channels: 60

## 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, Power cord, Quick start guide, User Manual, World Wide Warranty leaflet

## Power

- Power supply: 230V, 50Hz
- Power consumption: 435 W
- Standby power consumption: < 1.8 W

## Dimensions

- Set dimensions (W x H x D): 435 x 167 x 394 mm
- Set weight: 13.3 kg
- Packaging dimensions (W x H x D): 530 x 255 x 460 mm
- Weight incl. Packaging: 16.2 kg



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