

Philips Cineos  
Digital AV receiver system  
with Video Upscaling up to  
1080i

**CINEOS**

**DFR9000**



# Turn up your experience with high definition

Experience state-of-the-art audio and video technology with this receiver that promises an intensifying and movie experience.

## **Uncompromised video performance**

- HDMI out for digital high-definition video and digital audio
- Video Upscaling for improved resolution of up to 1080i
- Noise Shaped Video™ Precision Video - eliminates video noise

## **High Definition sound**

- Dolby Digital EX & DTS ES for complete 360° surround sound
- DAB for more stations and crystal clear sound
- UCD (Universal Class D) Audiophile Digital Amplifier
- Metal chassis & circuitry for best audio performance

## **State-of-the-art user interfacing**

- User-friendly and simple AV setup via OSD

**PHILIPS**

# Highlights

## HDMI out

HDMI is a direct digital connection that can carry digital HD video as well as digital multichannel audio. By eliminating the conversion to analog signals it delivers perfect picture and sound quality, completely free from noise. HDMI is fully backward-compatible with DVI.

## Video Upscaling up to 1080i

With Video Upscaling you can increase the resolution of SD (Standard Definition) video signals that DVD uses to HD (High Definition) so you'll be able to see more details thanks to a sharper, more true-to-life picture. The resulting HD video output signal can be fed to an HD display through HDMI (High-Definition Multimedia Interface).

## NSV™ Precision Video

NSV™ Precision Video is an embedded noise reduction technology that eliminates existing noise inherent in video signals, thereby providing a more refined picture viewing experience.

## Dolby Digital EX & DTS ES

Dolby Digital EX and DTS ES are 6.1-channel formats, with the rear surround audio channel discretely encoded into the Dolby Digital and DTS bitstream. The formats offer enhanced spatialization over the surround channels for complete 360-degree sound localization and surround pans (eg: movement of sound in the surround channels from one side to another).

## Digital Audio Broadcasting

Digital Audio Broadcasting (DAB) is the latest in digital radio technology. It allows you to enjoy your favorite radio stations in crystal clear, near CD-quality sound. What's more, you get an even wider choice of radio stations and radio hiss caused by signal interference due to obstructing mountains, high-rise buildings and weather become a thing of the past. Since the DAB radio signal is all digital, stations can also transmit text such as program information, news, and sports scores, as well as pictures and even videos direct to your radio set. Radio never sounded so good.

## UCD Digital Amplifier

The UCD Audiophile Digital Amplifier is a full digital Class D amplifier designed to give the lowest output impedance and the best audio measurements. With the performance of a "zero feedback" amplifier, the UCD Audiophile Digital Amplifier allows for audio performance that will satisfy the most demanding audiophile.

## Metal chassis & circuitry

The player features reinforced chassis by using extensive bracing and shielding to reduce the negative effects of stray EMI and vibration. Audio circuitry is constructed with audiophile quality parts that are carefully selected based on extensive subjective listening tests and backed by excellent measurements results. The components in the critical audio path are carefully chosen and matched for superior audio performance.

## Set-up via OSD

The On-screen display provides a simple and user-friendly interface for maximum ease of use and setup of your AV equipment.



# Specifications

## Supported Display Resolution

### Video formats

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

### Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 768	60Hz

## Picture/Display

- A/D converter: 10 bit, 54 MHz
- D/A converter: 10 bit, 54 MHz
- Picture enhancement: Black Level Shift, Digital Noise Reduction, Motion adaptive de-interlacing, Progressive scan, Video upsampling, Video upscaling

## Sound

- Sound System: Dolby Digital, Dolby Digital EX, Dolby Prologic II, Dolby Prologic IIx, DTS, dts ES, DTS Neo:6, DTS 96/24
- Sound Enhancement: Treble and Bass Control, Night Mode, Loudness
- D/A converter: 24 bit, 192 kHz
- Crosstalk (1kHz): 95 dB
- Distortion and Noise (1kHz): 90 dB
- Dynamic Range (1kHz): 98 dB
- Frequency response: 20-48000 Hz
- Impedance: 4 Ohms
- Maximum power input: 2.8V
- Sensitivity: 0.88V +12dB adjustable
- Signal to noise ratio: 108 db (A-Weighted)
- Output power (RMS): 6 x 100W

## Tuner/Reception/Transmission

- Tuner Bands: FM, FM Stereo, MW

- Number of Preset Channels: 40
- Auto digital tuning
- Auto store
- RDS: Program Type, Station Name
- DAB: Band III, Band L, Info display

## Connectivity

- Front / Side connections: Audio L/R in, CVBS in, S-video in
- Headphone: 3.5 mm
- Other connections: HDMI in 2x, HDMI out, Speakerterminal Left, Speakerterminal Right, Speakerterminal Centre, Speakerterminal Surround Left, Speakerterminal Surround Right, Speakerterminal Surround Rear, Subwoofer out, 8-channel multichannel in, Component Video Input 2x, Component Video out Progressive, S-Video/CVBS video output, Composite video (CVBS) out, Scart Control via 2.5mm jack, S-Video/CVBS video input 3x, Analog audio Left/Right in 3x, digital coaxial in 3x, Digital optical in, Analog audio Left/Right out 2x, Digital audio coaxial out, DAB antenna, FM Antenna

## Power

- Power supply: 50/60 Hz, 220-240V
- Standby power consumption: < 1 W

## Accessories

- Included accessories: DAB antenna, 6-cinch to Scart cable, 6 cinch + pin8 to scart cable, Audio Cable, Coax digital audio cable, FM/MW Antenna, 4 channel audio cinch cable, 3 channel audio cinch cable, AC Power Cord, Remote Control
- Included batteries: 2x Longlife AA

## Dimensions

- Set weight: 9 kg
- Set dimensions (W x H x D): 435 mm x 89 mm x 400 mm mm
- Packaging dimensions (W x H x D): 600 mm x 219 mm x 465 mm mm
- Weight incl. Packaging: 11.5 kg kg



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