

P R I M A R E

PRIMARE DVD26 CD/DVD Player

The DVD26 is endowed with the very latest video and audio processing technology to deliver the best performance from virtually any disc that you choose. Its capabilities will ensure ultimate convenience and ease of use.

Video Performance Features

The DVD26's laser pickup for CD and Video allows you to play CD/CD-R/CD-RW/MP3/ JPEG and DVD-V/DVD-R/DVD+R discs for true multi-media compatibility.

All video outputs can be loaded simultaneously, making the player ideal for multi-zone installations. The player is capable of down-mixing Dolby Digital 5.1 and DTS 5.1 encoded material to two channels and transmitting RAW SPDIF data from its digital output, to a decoder in the second zone.

Audio Performance Features

Clear, undistorted (0.009% at 1kHz) sound.

Audiophile circuit design

The player incorporates the famous video DAC ADV7320 from Analog Devices, which via extensive video buffering, drives all the interlaced outputs including the RGB SCART.

Genesis' excellent video processor FLI2300 drives the progressive outputs, which are available on both component and HDMI connectors.

We use Burr-Brown's excellent 24bit/192kHz PCM1738 as the audio DAC. The current to voltage conversion is a half discrete circuit, which incorporates both operational amplifiers from Philips (NE5532) and Burr Brown (OPA2134). The DVD26 has a single-ended output stage with a single MosFet transistor together with an active current source instead of the use of passive resistors.

Special care has been taken to keep the video noise at the lowest possible level by the use of separate ground planes, power supplies and special OS-Con capacitors in critical positions.

Shortest signal paths

SMD technology is used whenever possibly to keep the signal path as short as possible.

Clean power supply for the best possible performance

In a technical advance from its predecessor the V25, the DVD26 uses a linear power supply, incorporating a fantastic R-core transformer with separate windings for the player's different power requirements (mechanic, audio, video, digital, etc). Every one of these is individually regulated in fifteen steps to ensure that enough power is constantly available. The power supply is placed as far away as possible from the delicate analogue and video circuits. The internal mains filter ensures that any high frequency disturbance is removed before it reaches the power transformer.

This power supply configuration gives the player an extremely high signal to noise ratio for both audio and video and for which Primare has become renowned all over the world.

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Power in standby mode: analogue audio sections are supplied with mains power in standby-mode. This means that no run-in time is necessary for the player when activated from standby mode. Its performance will be the same as if it were left in operating mode continuously.

Careful design for operational stability

As with all Primare units, the DVD26 is housed in an alloy heavy gauge steel chassis, which provides strength, rigidity, and screening, while being effective at damping vibrations from external sources.

Display, audio and video circuits are isolated

The front panel design isolates the display circuitry from the audio and video circuitry to avoid interference

Flexible outputs

The DVD 26 provides a wide range of video and audio outputs to embrace numerous system-building options:

Video outputs

HDMI:480p/576p, 720p, 1080i, 1080p; Component progressive: 480p/576p; Component interlaced; S-video; Composite; Scart, RGB compatible

Audio outputs

1, 2-ch analogue RCA
1 Digital coax
1 Digital TOSlink

Multi-media inputs

To allow the DVD26 to perform in specialised automated multi-room applications, it is equipped with RS232 control capability, and offers data and IR inputs.

Easy navigation

The DVD26 is easy to use. All the parameters are adjusted using simple but comprehensive On Screen Display menus.

Specifications:

Video Performance Features

Video Dacs: Analog devices ADV7320 216MHz/12bit and Genesis (Faroudja) FLI2300
Shinwa SAD2503 for CD/Video CD/CD-R/CD-RW/DVD-R/ DVD+R/RW (DVD Video Format)
Slow Motion Playback (Except VCD Reverse)
JPEG Playback

Audio Performance Features

Audio Dac: Burr-Brown PCM1738 24bit/192kHz
MP3 Playback Capability
THD + Noise, 0.009% at 1 kHz
Dynamic range, 100dB
Signal-to-noise Ratio, 100dB
Channel separation, 100 dB
Output Level, 2.0V
Dolby® Digital and dts® Digital Outputs
Dolby® Digital and dts® Downmixing -> 2-ch
more...

Convenience Features

Resume Function (DVD)
Repeat Mode
Program Play (CDs only)

Output Terminals Video

HDMI
Component Video (Y, Cr, Cb) Output x 1 (Gold Plated), progressive
S-Video x 1 (Gold Plated)
Composite Video Output x 1 (Gold Plated)
21-pin Scart x 1, RGB compatible

Output Terminals Audio

Dolby® Digital/dts®/LPCM Coaxial Output x 1
Dolby® Digital/dts®/LPCM Optical Output x 1
Analogue Output x 1 (2 x RCA) (Gold Plated)

Output Terminals Others

IR input, 3.5 mm
Data port
RS232 port

Construction: 2mm Heavy Duty chassis.

Power Consumption Operating: 35 W, Standby: 10 W

Dimensions (WxHxD) 430 x 100 x 380 mm

Weight: 10.5 kg

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