



CLASSE

DELTA SERIES
PRELIMINARY INFORMATION

CDP-300 DVD PLAYER





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THREE NEW CLASSE DVD PLAYERS

The CDP-300 establishes Classé's credentials for DVD player design at the highest level. It offers reference-level audio and video performance and is the first high-end DVD player with 1080p video, the first with a preview screen and the first to offer touchscreen control.

Two other models are derived from the advanced CDP-300 platform. The CDP-300V defines a new DVD player/processor class. It builds on the functionality of the standard platform by adding video inputs. In addition to offering HDMI switching for two external sources, the CDP-300V will include analog video inputs for component and S-video sources. The logical configuration is to connect the main video outputs of either an SSP-300 or SSP-600 to the CDP-300V's analog video inputs. In this way, all video sources can be routed from the SSP through the video processor inside the DVD player. They can be format-converted (converted to digital for output on HDMI), deinterlaced and scaled to the native rate of the display (as high as 1080p).

A digital disc transport model called the CDT-300 is based on the CDP-300, but with all analog audio and video removed. This leaves only digital audio and video outputs. An HDMI output provides both digital video and digital audio, and supports multichannel audio at high bit rates

(for DVD-Audio). Digital video is output on HDMI at standard definition PAL and NTSC rates. This cost-saving measure is appropriate for customers who wish to use external video processing, including that available in a Classé SSP-900 or certain display devices. SSP-300 customers may also find it to be an attractive solution for a lower cost Classé multichannel system.

While this functionality could be utilized with any non-Classé processor, video switching can be handled automatically within a Classé system. The two benefits of the CDP-300V are that 1) system operation is simplified with a single HDMI cable to the display device and 2) all analog sources can be deinterlaced and scaled using the state-of-the-art technologies found only in the Classé DVD player.

Yes, they are the first high-end players to market with 1080p video, first with touchscreen control and first with video preview capability...but the new Delta series disc players are truly in a class by themselves because of their subjective audio and video performance qualities. The subjective experience, after all, is what separates a Classé disc player from everything else.

For more detailed information about Classé DVD players, visit <http://www.classeaudio.com>



AUDIO

- Compatible with CD, DVD-Video, DVD-Audio, Video-CD, S-VCD, MP3, AAC and WMA formats.
- All audio formats are up-sampled to 24-bit/192kHz prior to Digital-to-Analog conversion.
- Classé Audio's re-clocking circuit topology effectively attenuates clock jitter mechanisms that are present in most other DVD playback solutions.
- All audio formats are decoded internally before Digital-to-Analog conversion. A concurrent IEC958 (SPDIF, AES/EBU and TOSLINK) output is provided.
- DVD-Audio is output as IEC958 (SPDIF, AES/EBU and TOSLINK) for decoding in a Surround Sound Processor with a concurrent 2-channel analog audio downmix.
- 6 analog audio outputs are provided with RCA connections (single-ended). Front Left and Right outputs are also supported in balanced format.
- Audio and video are synchronized during DVD-Video playback.

VIDEO

- World's first high-end DVD Player to offer a full implementation of all HDTV resolutions, including 1080p on HDMI.
- Digital Video output on HDMI can be de-interlaced and scaled to the following resolutions: 480i, 480p, 576i, 576p, 720p, 1080i and 1080p.
- Extensive digital video processing to reduce video "mosquito" noise, improve edge definition, adaptively control color/contrast ratios and improve chroma transient performance.

CONTROL

- Touchscreen user interface with video preview mode.
- Bi-Directional RS-232 Control.
- CAN BUS ports for inter-Classé component communication.
- Rear panel IR and DC trigger sockets.
- IR Remote control with backlight and Classé system Function Keys.

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CDP-300 DVD PLAYER

model

frequency response

distortion (THD + noise)

analog section

single-ended output

balanced output

S/N ratio

channel separation

digital section

D/A converter

sample rate

audio outputs

single-ended

balanced

coaxial (S/PDIF)

AES/EBU

video outputs

DVI with HDCP

component

component RGBHV

S-Video

composite

progressive scan

internal scaling

formats supported

CD, CD-R, CD-RW, SACD

DVD-Audio, DVD-Video

VCD, SVCD

MP3, JPEG on data discs

DVD-R, DVD-RW, DVD+RW

weights & measurements

width

depth

height

gross weight

net weight

CDP-300

20Hz - 20kHz (sources \leq 48kHz)

20Hz - 40kHz (sources $>$ 48kHz)

TBA

1.1 Vrms out

2.2 Vrms out

TBA

TBA

8 x Burr-Brown1792 (two DACs in mono mode for front l & r channel) up to 384kHz (stereo)

6 RCA

2 XLR

1 RCA

1 XLR

yes

yes

yes

yes

yes

PAL/NTSC

yes

yes

yes

yes

yes

yes

17.5" (455 mm)

16.5" (419 mm)
(excluding connectors)

4.75" (121 mm)

54 lbs (25 kg)

45 lbs (21 kg)

