



CLASSE

DELTA SERIES
PRELIMINARY INFORMATION

CDP-300 DVD PLAYER





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THREE NEW CLASSÉ 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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model	CDP-300
frequency response	20Hz - 20kHz (sources \leq 48kHz) 20Hz - 40kHz (sources $>$ 48kHz)
distortion (THD + noise)	TBA
analog section	
single-ended output	1.1 Vrms out
balanced output	2.2 Vrms out
S/N ratio	TBA
channel separation	TBA
digital section	
D/A converter	8 x Burr-Brown1792 (two DACs in mono mode for front l & r channel) up to 384kHz (stereo)
sample rate	
audio outputs	
single-ended	6 RCA
balanced	2 XLR
coaxial (S/PDIF)	1 RCA
AES/EBU	1 XLR
video outputs	
DVI with HDCP	yes
component	yes
component RGBHV	yes
S-Video	yes
composite	yes
progressive scan	PAL/NTSC
internal scaling	yes
formats supported	
CD, CD-R, CD-RW, SACD	yes
DVD-Audio, DVD-Video	yes
VCD, SVCD	yes
MP3, JPEG on data discs	yes
DVD-R, DVD-RW, DVD+RW	yes
weights & measurements	
width	17.5" (455 mm)
depth	16.5" (419 mm) (excluding connectors)
height	4.75" (121 mm)
gross weight	54 lbs (25 kg)
net weight	45 lbs (21 kg)

