

PRODUCT OVERVIEW

TASCAM's DV-D6500 is an affordable, RS-232 controllable DVD player ideally suited for residential, commercial and institutional installations. Its wide range of readable media and formats, advanced image enhancement and thorough RS-232 protocol set this DVD player apart from other models on the market.



- 2-U Rack Mountable DVD Player
- Composite, Component, and S-Video Outputs
- True Progressive Scan for Improved Image Quality
- Format Adjustment for 4:3 and 16:9 Monitors
- FVPP Image Processing (Gamma, Sharpness, etc.)
- Stereo Analog Output on Unbalanced RCAs
- 24 bit, 96kHz DACs, >106dB Dynamic Range
- Coaxial and Optical Digital Outputs
- 3D SSP Surround Enhancement Processing



- Extensive Bi-Directional RS-232 Control Capabilities
- RC-6500J Wireless Remote Included
- Plays Video DVD, Super Video CD and Audio CDs
- Reads CD-R, CD-RW and DVD-R Media
- Program, Random and Repeat Play Modes
- Slow Motion and Frame-By-Frame Playback
- Resume Play Function on Power On

APPLICATIONS

Integrated Control Systems

The RS-232 protocol allows for extensive control and status information for any RS-232 capable control system. The DV-D6500 offers complete transport and menu commands, as well as controls to defeat the front panel or IR codes. Return information includes transport status, timer readouts (disc or track/chapter), and the type of disc inserted.

The RS-232 specification is available by contacting TASCAM directly. The document offers explanations of the code structure for those who want to build logical assemblies. It also fixed code listings for those who want to use a more simplistic code structure.

Home, Boardrooms, Lecture Halls, etc

The DV-D6500 is a friendly player for installations. It reads CD-R, CD-RW and DVD-R media. This is important in the presentation market, since most discs used in these environments will contain materials created by the presenter on recordable media.

When operating the DV-D6500 via IR control, the front panel readout is large and bright enough to be read easily from across the room.

Electronic Billboards & Kiosks

The DV-D6500 is well equipped for the electronic signage applications. The multitude of output options, as well as the ability to defeat front panel control and/or IR control make this ideal for these situations. The DV-D6500 can automatically play the disc inside it when turned on.

SPECIFICATIONS

Performance Specifications:

Frequency Response	20Hz-20kHz (44.1kHz Sample Rate) 20Hz-22kHz (48kHz Sample Rate) 20Hz-20kHz for DTS & Dolby Digital
Dynamic Range:	>98dB (16bit) >106dB (20bit or 24bit)
Wow & Flutter	Unmeasurable (less than ± 0.002%)
Total Harmonic Distortion:	<0.002%

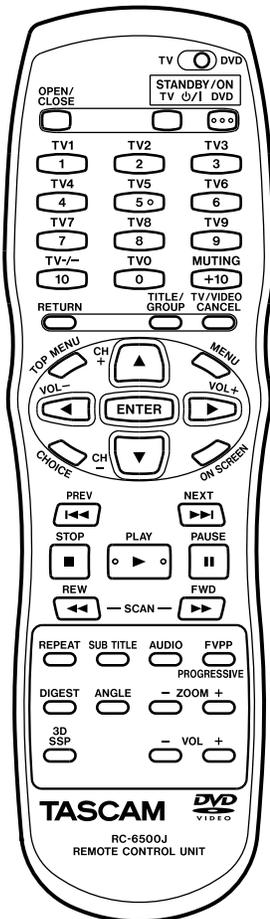
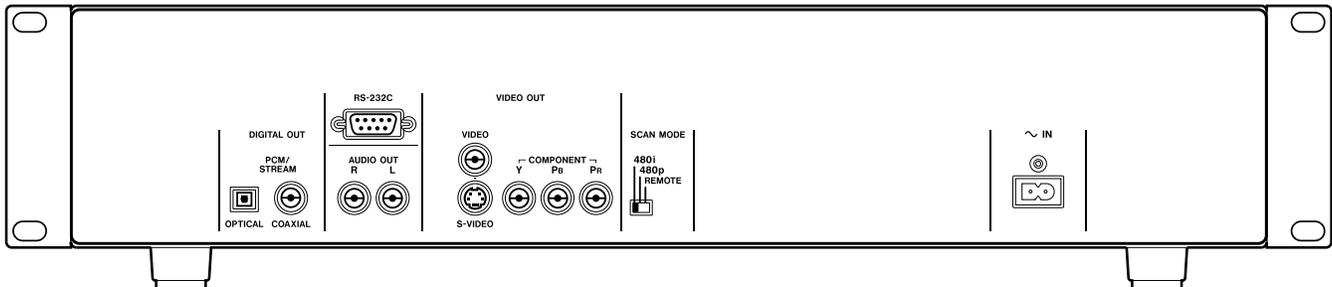
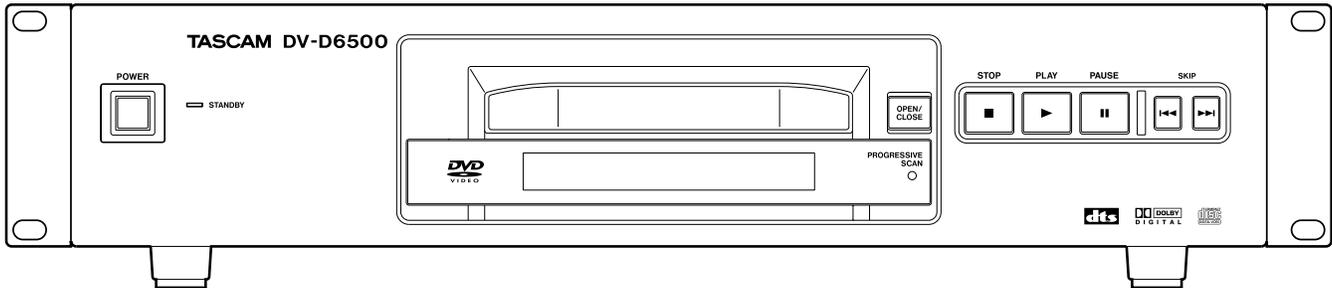
A/V Outputs:

Component Out (3 RCAs):	Y Output 1.0 Vp-p (75 Ohm) P _B Output 0.7 Vp-p (75 Ohm) P _R Output 0.7 Vp-p (75 Ohm)
Composite Video Out (RCA):	1.0 Vp-p (75 Ohm)
S-Video Out (S jack):	Y Output 1.0 Vp-p (75 Ohm) C Output 286 mVp-p (75 Ohm)
Video Formats:	NTSC, 480p (progressive scan) NTSC, 480i (interlaced)
Analog Audio Out (2 RCAs):	2.0Vrms (10k Ohm)
Coaxial Digital Output:	0.5 Vp-p (75 Ohm termination)
Optical Digital Output:	-21dBm to -15dBm (peak)

General Specifications:

Power Requirements:	120VAC, 60Hz (USA Model)
Power Consumption:	14W (Power On) 1.3W (Standby Mode)
Dimensions:	2-U Rack Mount Height 482 x 104 x 304 mm 19" x 4.1" x 10-9/16"
Weight:	2.5Kg, 5.6 lbs
Standard Accessories:	RC-6500J (IR Wireless Remote)

FRONT PANEL, BACK PANEL & IR REMOTE



ARCHITECT'S SPECIFICATIONS

The DVD player shall be a single disc player with a powered loading tray that can mount in 2 rack spaces of a standard 19" rack mount. Dimensions shall be 19" x 4-1/8" x 10-9/16" (W x H x D).

Metric measurements: 482x104x304mm.

The DVD player shall be able to read content from standard DVD and CD media, as well as CD-R, CD-RW and DVD-R media. The DVD player shall be able to play DVD Video, Super Video CD, Video CD, and Audio CD disc formats.

The DVD player shall offer video outputs on composite, S-Video and component formats. The player shall be able to produce true line progressive scan as well as interlaced imaging; the type of output shall be selectable on the rear panel, or on the infrared remote.

The DVD player shall offer image enhancements, including processing for gamma, brightness, contrast, saturation, tint, sharpness and Y delay. These shall be able to be stored in user presets.

The DVD player shall offer analog audio output in stereo on RCA connectors. The D/A converters shall be 24 bit, 96kHz. The analog output shall offer dynamic range >106dB (20 or 24 bit signal), and have a total harmonic distortion of <0.002%. Additional processing shall be available for enhanced sound on analog outputs. Mode shall include Action, Drama and Theater.

The DVD player shall offer digital outputs through optical and coaxial digital outputs. Digital outputs shall be able to pass Dolby Digital and DTS surround streams for later decoding.

The DVD player shall be remote controllable via a TASCAM RC-6500J infrared remote, or by RS-232 serial controls as described in the TASCAM DV-D6500 RS-232 specification. The RS-232 port shall be provided in a male DB9 connector.

The DVD player shall be a TASCAM DV-D6500.

NOTE: This text is available in a standard text file on TASCAM's Sound Contractor CD-ROM.