



DN-500AV AV Surround Pre-amplifier



Faithfully reproducing the high-quality audio of today's HD content is essential in any professional AV installation, and adapting unbalanced RCA preamp outputs from ill-purposed consumer decoders is completely unacceptable. The new Denon Professional DN-500AV pre-amplifier provides contractors, consultants, and system integrators with the most affordable and professional option to providing high-quality, channel-separated balanced audio outputs – complete with easy-to-use, controllable source switching.

Many professional AV systems now require both HDMI in/out and HD surround sound decoding for use in everything from big installations with multiple amps driving line array systems to small boardrooms and private theatres with active monitor systems, and the Denon Professional DN-500AV fits that bill.

Besides a full complement of standard analog and digital inputs on the rear panel, audio sources can additionally be accessed via the front panel USB port including

thumb drives, external hard disc drives or portable media devices like iPod™ and iPhone™. And expanding the range of accessible content further, music and even pictures can be accessed from network appliances via DLNA streaming devices such as a PC or NAS drive. The DN-500AV also allows local connections to its rear panel from Blu-ray or DVD players via HDMI, composite, or component cables. An HDMI 1.4a compliant device, the DN-500AV is completely up-to-date and ready to handle today's latest audio technologies

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Features

- HDMI version 1.4a (3D,ARC)
- 6-HDMI inputs and 1 output
- 2 assignable component video inputs and 1 output
- Direct play for portable audio devices, USB memory device via USB
- XLR analog input
- XLR 7.1ch Pre output
- Zone 2
- Tone control
- Streams audio / pictures over the Network (PC, NAS) via DLNA 1.5
- Supports WMA, MP3, WAV, MPEG-4 AAC, FLAC, JPEG files
- Bright VFD display with English and Spanish display
- Front-panel key lock feature
- Easy setup menu
- HP output
- RS-232c serial / IP controllable
- IR controllable with included IR remote control
- Controllable via Denon CE's iDevice remote app
- 4RU removable rack kit included
- Detachable, IEC-weighted AC inlet



Rear panel

www.d-mpro.com
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Denon CE's iDevice Remote App available through the APP store

Specifications and features subject to change

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DN-500AV Specifications

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and surround sound formats including Dolby Pro Logic IIz, Dolby True HD, and DTS HD Master Audio and can also utilize HDMI's ARC (audio return channel) feature, ideal for smaller applications like screening rooms and small theatres. In addition to absolute flexibility of video and audio sources through the five rear HDMI inputs and up-scaling component input and composite inputs is a front-panel HDMI connection for convenience of quickly hooking up a laptop or camera -- ideal for the boardroom, conference center, or lecture theatre. Professional 7.1 separated XLR outputs will guarantee high-quality signal connection to the amplifiers, while a balanced XLR stereo input allows for expansion where needed.

Ethernet connectivity on the rear affords a stable wired connection to a network server of content or the option to connect to an IP-based remote control system. Additionally, the DN-500AV can be controlled via RS-232c control protocol, the included IR remote, or even by iPad™, iPhone™, or iPod™ utilizing the Denon control App (available in the AppStore™).

With a bright VFD display and large, illuminated source and volume knobs, the unit is easy-to-use from the front panel even in dark or low-light conditions, including convenient access to Zone Control, Source Select, and Quick Select buttons, and the unit's setup menu makes installation a breeze.



Audio section	
Analog	
Input sensitivity / input impedance:	
RCA connectors:	200mV / 47 kΩ
XLR connectors:	+4dBu : 400mV / 4.3 kΩ -10dBV : 100mV / 4.3 kΩ
Output level:	+4 dBu : 318mV -10dBV : 80mV
Frequency response:	10Hz – 100kHz – +1, –3dB (DIRECT mode)
S/N:	100dB (IHF–A weighted, DIRECT mode)
Total harmonic distortion:	0.01 %

Video section	
Standard video connectors	
Input / output level and impedance:	1Vp-p / 75Ω
Frequency response:	5Hz – 10MHz (0~-3dB)

General	
Power supply:	AC120V, 60 Hz (U.S.A. and Canada models) AC230V, 50/60 Hz (EU, U.K., and Asia/Pacific models)
Power consumption:	35W 0.2 W (Standby) 3W (CEC Standby)

For purposes of improvement, specifications and design are subject to change without notice.

Unit : mm (in)

