



DN-500BD

Blu-Ray, DVD and CD Player

Key Features:

- Panel lock and IR remote lock functions prevent unwanted or accidental operation
- Power-on Play button eliminates extra steps, provides simplified, ultra-fast startup
- OSD (On Screen Display) hiding mode eliminates unwanted disc status updates
- Repeat mode offers an uninterrupted playback loop
- Supported CD formats: CD, CD-R, CD-RW, DTS Music Disc (DTS Audio CD, 5.1 Music Disc), HDCD, Super Video CD (SVCD), Video CD (VCD)
- Supported DVD formats: DVD, DVD+R, DVD-R, DVD+RW, DVD-RW
- Default repeat setting
- RS-232C and IP control capability
- XLR balanced audio output
- Discrete 7.1ch analog audio output
- Transport controls located conveniently on the front panel
- Occupies only a single rack space (1RU)

Overview:

DENON PROFESSIONAL'S VERSATILE DN-500BD BLU-RAY PLAYER

The Denon Professional DN-500BD Blu-ray disc player is a compact, high performance unit that handles all popular optical video playback formats for unrivaled capability from a single disc playback device.

The DN-500BD offers a tremendous amount of performance and flexibility in a space-saving single

rack unit (1RU) chassis. It provides the wide range of connection and control capabilities that are essential to the professional user, making it ideal for use in corporate A/V, education, theaters, house of worship, and more. These include RS-232C and IP controllability and XLR balanced audio outputs. The DN-500BD also has discrete 7.1 channel analog outputs for simple connection to powered speakers or signal management devices.

The Denon Professional DN-500BD will play virtually every Blu-ray, DVD, and audio CD format, making it easy to utilize multiple disc formats within a system. Supported formats include BD-Video, BD-R, BD-RE, DVD-Video, DVD+R, DVD+RW (Video mode, AVCHD format), DVD-R, DVD-RW (Video mode, AVCHD format) and Audio CD (CD-R, CD-RW). Using the built-in LAN port, users may optionally access additional content via BD Live. For even more versatility, a front-loading USB slot delivers access to MP3, WAV, FLAC, MP4, WMV, JPG, PNG, GIF files, and more.

In addition to its extremely high performance and wide range of format playback capabilities, the DN-500BD anticipates your requirements and operational patterns by providing features that maximize the unit's ease of use.

The Denon Professional DN-500BD combines no-compromise performance, wide-ranging connection and control capability, and compatibility with virtually every disc format there is—all in a compact single rack space unit. Its unique combination of performance, versatility and compact size is ideally suited to the professional user.

Specifications:

Digital System

- Digital media player (Blu-ray Disc, DVD, CD, USB device [mass storage class]) AVCHD playback format

Supported Disc Formats

- Digital media player (Blu-ray Disc, DVD, CD, USB device [mass storage class]) AVCHD playback format

Supported Disc Formats

- Blu-ray Disc: BD25, BD50, BD-ROM, BD-R, BD-RE
- DVD: DVD, DVD+R, DVD-R, DVD+RW, DVD-RW
- CD: CD, CD-R, CD-RW, DTS Music Disc (DTS Audio CD, 5.1 Music Disc), HDCD, Super Video CD (SVCD), Video CD (VCD)

Supported File Formats

- Video: .3gp, .asf, .avi, .dat, .divx, .mkv, .mov, .mp4, .mpg, .mzts, .ogm, .rmvb, .tp, .ts, .wmv
- Subtitles: .ass, .smi, .srt, .ssa, .sub
- Audio: .ape, .flac, .m4a (AAC), .mp3, .wav, .wma
- Picture: .gif, .jpg (or .jpeg), .png

Supported File Systems

- FAT16, FAT32, NTFS
- USB drive (mass storage class) with < 2 TB total capacity

Video

- Resolutions Auto, 480i/576i, 480p/576p, 720p, 1080i, 1080p
- Aspect Ratios 16:9 Full, 16:9 Normal, 4:3 Pan & Scan, 4:3 Letterbox
- System NTSC, PAL, Multi (if supported by TV)
- HDMI Color Space: RGB PC Level, RGB Video Level, YCbCr (4:4:4), YCbCr 4:2:2
- Output: HDMI > v1.4 (3D), HDCP 1.4

Decoding

- Video: DivX 3, 4, 5, 6; DivX HD; MPEG-1; MPEG-2; MPEG-4; MPEG-4 AVC (H.264); VC-1 (Windows Media Video); Xvid
- Audio: AAC; Dolby Digital; Dolby Digital Plus; Dolby TrueHD; DTS Digital Surround; DTS-HD; WMA

Audio

Analog Outputs

- Output Level (balanced XLR): +4 dBu = +1.786 dBV
- Output Level (unbalanced RCA): +6 dBV

Digital Output

- Output Level (coaxial): 0.5V, 75Ω
- Signal Format: AES/EBU

Surround Audio

- DTS-Master Audio, DTS-HD High Resolution Audio, DTS Digital Surround, Dolby TrueHD, Dolby Digital (AC-3), Dolby Digital Plus (7.1ch)
 - Frequency Response: 20 Hz – 20 kHz (+0.5 dB)
 - Signal-to-Noise Ratio: > 100 dB (A-weighted)
 - Total Harmonic Distortion: < 0.05%
 - Dynamic Range: > 100 dB (A-weighted)
 - Headroom: 6 dB
 - Channel Separation: > 90 dB

Outputs

- (2) XLR audio outputs (L/R, balanced)
- (2) RCA audio outputs (L/R, unbalanced)
- (8) RCA audio outputs (7.1 surround sound)
- (1) Coaxial digital audio/visual output
- (1) HDMI audio/visual output
- (1) RJ-45 LAN port
- (1) 9-pin D-Sub female RS-232C port
- (1) IEC power connection
- Communication
- Remote Control
- Infrared protocol, > 200 mV transmission output level
- Serial Remote
- Connector: 9-pin D-Sub female, RS-232C
- Mode: Full duplex
- Baud Rate: 9600 or 38400 bps (selectable)
- Ethernet
- Connector: LAN port
- Standards: Ethernet (10 Mbps), Fast Ethernet (100 Mbps)
- Environmental Conditions
- Operating temperature: 41 – 95 °F (5 – 35 °C)
- Operating humidity: 25 – 85%, no condensation
- General
- Power
- Connection: IEC
- Requirement: 100–240 VAC, 50/60 Hz
- Consumption: 15 W typical, < 0.5 W standby
- Dimensions (width x depth x height, with rack ears)
- 19.00" x 10.75" x 1.73" (483 mm x 273 mm x 44 mm)
- Weight (with rack ears)
- 5.9 lbs. (2.7 kg)