

DN-500BDMKII

Blu-Ray, DVD and CD/SD/USB Player



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

The Denon Professional DN-500BDMKII Blu-ray disc and media player is a compact, high performance unit that handles all popular optical video and audio CD playback formats for unrivaled capability from a single disc playback device. For even more versatility, front-loading SD and USB ports deliver access to video, audio and picture files such as AVI, MOV, MP4, MP3, WAV, FLAC, GIF, JPEG, PNG, and more.

The DN-500BDMKII 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 AV, 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-500BDMKII 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 BD25, BD50, BD-RE, DVD, DVD+R, DVD+RW, DVD-R, DVD-RW and Audio CD (CD-R, CD-RW), DTS Music Disc, and HDCD. Using the built-in LAN port, users may optionally access additional content via BD Live.

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

The Denon Professional DN-500BDMKII combines no-compromise performance, wide-ranging connection and control capability, and compatibility with virtually every disc and digital file 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.

Target Demographics

The primary target demographic for the DN-500BDMKII is professional installers and electrical engineers seeking for a compact, high performance unit that handles all popular optical video and audio CD playback formats for unrivaled capability from a single disc playback device. The DN-500BDMKII provides the wide range of connection and control capabilities that are essential to the professional user, making it ideal for use in corporate AV, 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.

Features

- Plays Blu-Ray, DVD, CD and files from SD/USB media
- Supported Blu-Ray disc formats: BD25, BD50, BD-RE, BD-ROM and BD-R
- Supported DVD formats: DVD, DVD+R, DVD+RW and DVD-RW
- Supported audio disc formats: CD, CD-R, CD-RW, DTS Music Disc (DTS Audio CD, 5.1 Music Disc), HDCD, Super Video CD (SVCD) and Video CD (VCD)
- SD/USB supported video, audio and picture file formats: .3gp, .asf, .avi, .dat, .divx, .mkv, .mov, .mp4, .mpg, .m2ts, .ogm, .rmvb, .tp, .ts, .wmv, .ass, .smi, .srt, .ssa, .sub, .ape, .flac, .m4a (AAC), .mp3, .wav, .gif, .jpg (or .jpeg) and .png
- USB/SD file systems: FAT16, FAT32 and NTFS
- Discrete 7.1ch analog audio output
- XLR balanced audio output
- RS-232C and IP control capability
- Power-on Play button eliminates extra steps, and provides simplified, ultra-fast startup
- Panel lock and IR remote lock functions prevent unwanted or accidental operation
- Improved, easy-to-read OLED display
- OSD (On Screen Display) hiding mode eliminates unwanted menu items and disc transport icons
- Transport controls located conveniently on the front panel
- Repeat mode offers an uninterrupted playback loop

- Occupies only a single rack space (1RU)

Specs

Digital System	
System	
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, .m2ts, .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	
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)	