DN-500BD MKII

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

Key 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)

Overview:

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 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-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.

Specifications:

- Digital System
  - System
    - Digital media player (Blu-ray Disc, DVD, CD, SD, 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
    - SD card with 128GB total capacity
    - 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, 75â„¦
    - 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)