DN-500BDMKII

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), SACD, Super Video CD (SVCD) and Video CD (VCD)
- SD/USB supported video, audio and picture file formats: .flac, .mp3, .wav, .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.

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 2D5, BD50, BD-RE, BD-ROM, BD-R, BD-RE
    - DVD: DVD, DVD+R, DVD+RW, DVD-RW
    - CD: CD-R, CD-RW, DTS Music Disc (DTS Audio CD, 5.1 Music Disc), SACD, Super Video CD (SVCD) and Video CD (VCD)
  - Supported File Formats
    - Video: .mpg, .asf, .avi, .ddv, .mkv, .mov, .mp4, .mpg, .m2ts, .ogm, .rmvb, .ts, .wmx
    - Subtitles: .ass, .smi, .rt, .ssa, .sub
    - Audio: .flac, .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, 480/576i, 480i, 720p, 1080i, 1080p
    - Aspect Ratios: 16:9 Full, 4:3 Normal, 4:3 Pan & Scan, 4:3 Letterbox
    - System: NTSC, PAL, Multi (if supported by TV)
    - HDMI Color Space: RGB, YCbCr 4:4:4, YCbCr 4:2:2
  - Decoding
    - Video: DAV 3, 4, 5, 6, D1X HD, MPEC-1, MPEC-2, MPEC-4, AVC (H.264), VC-1 (Windows Media Video), Xvid
    - Audio: AAC, Dolby Digital, Dolby Digital Plus, DTS Digital Surround, DTS-HD, WMA
  - Audio
    - Analog Outputs
      - Output Level (balanced XLR): +4 dBu = 1.786 dBV
      - Output Level (unbalanced RCA): +4 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)
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 HD-CD. 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.

- **Headroom:** 6 dB
- **Channel Separation:** > 90 dB
- **Outputs**
  - (2) XLR audio outputs (L/R, balanced)
  - (2) RCA audio outputs (L/R, unbalanced)
  - (6) RCA audio outputs (7.1 surround sound)
  - (1) Coaxial digital audio/visual output
  - (1) HDMI audio/visual output
  - (1) RI-45 LAN port
  - (1) 9-pin D-Sub female RS-232C port
  - (1) IEC power connection
- **Communication**
  - Infrared Control
  - Serial: RS-232C
    - Connectors: 9-pin D-Sub female, RS-232C
    - Mode: Full duplex
    - Baud Rate: 9600 or 38400 bps (selectable)
  - Ethernet:
    - Connectors: 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
    - Requirements: 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)