



DN-700AV Professional 7.1 AV Receiver

Key Features:

- Six HDMI version 1.4 inputs and one output
- Component & composite video inputs and outputs
- Dolby TrueHD / Dolby Digital Plus / Dolby Digital/ DTS-HD Master Audio/ DTS ES
- XLR balanced 7.1 preamp outputs
- Euroblock 7.1 amplified outputs (75W per channel)
- Bluetooth 4.0
- FM tuner with 20-channel memory
- RS-232C and IP control
- HDCP compatible and network streaming via DLNA 1.5

Overview:

With comprehensive in/out connections and the latest Bluetooth 4.0 wireless technology, the DN-700AV is the ideal centerpiece for any commercial audio-video system. Featuring six HDMI inputs, component/composite ins/outs, XLR balanced 7.1 pre-outs and RS-232C and IP control, the 700AV is uniquely capable of handling virtually any installation requirement.

The unit is compatible with many of today's multi-channel formats, including TrueHD/Dolby Digital Plus/Dolby Digital/ DTS-HD/MasterAudio/DTS ES. Plus, it's HDCP-compatible and has network streaming via DLNA. A powerful 75-watt x 7 amplifier with high-current design drives even low-efficiency speakers to loud levels.

The DN-700AV was designed with the contractor in mind, combining a rackmount chassis, Euroblock amplifier outputs and balanced, XLR preamplifier outputs. A balanced XLR

Specifications:

- Audio Specification
 - Preamp Output: 7.1 surround
 - Level: -10 dBv or +4 dBu
 - Amplified Outputs: 7.1 surround
 - Output Power Per Channel: 75W/ch
 - Frequency Response: 10 Hz – 100 kHz, +/-1.0 dB
 - Dynamic Range: 10 Hz – 100 kHz, A-weighted, >90 dB
 - Signal-to-Noise: 1 kHz, 0 dB, A-weighted, >90 dB
 - Distortion: <0.006%
 - T.H.D: 1 kHz, 0 dB, A-weighted, <0.01%
- Supported Surround Formats
 - Dolby TrueHD, Dolby Digital Plus, Dolby Digital, DTS-HD Master Audio, DTS ES
- Supported File Types
 - WMA, MP3, WAV, MPEG-4 AAC, and FLAC files
- Bluetooth Specification
 - Version: 4.0
 - Profile: A2DP, AVRCP
 - Range: Up to 50ft (15m)
- FM Tuner
 - Frequency Range: 87.5 MHz – 108 MHz
- USB Connectivity
 - File System: FAT 16/32
 - Media Type: USB Flash Drive
- Analog Audio Input
 - Unbalanced RCA: Nominal Level: -10 dBV (at full scale: -16 dB)
 - Minimum Input Level: -19 dBv or higher
 - Input Impedance: 47 K Ω \pm 10%, Unbalanced
- Digital Audio Inputs
 - Coaxial: RCA (IEC-60958 Type II)
 - Optical: Toslink IEC-60958 Type II)
- HDMI

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stereo input rounds off the feature set aimed at the professional installer.

DN-700AV

- Version 1.4 (3D and ARC supported)
- General
 - Input Voltage: 100–240 V, 50/60 Hz
 - Fuse: T10AL 250V
 - Consumption: <20W
 - Operating Temperature: 41 °F to 113 °F
 - Operating Humidity: 25–85%, non-condensing
 - Dimensions (WDH) 19.00 x 13.66 x 6.93" (483 x 347 x 176mm)
 - Weight: 32.4 lbs (14.7kg)