



DN-700AVP Professional AV Receiver Preamp

Key Features:

- Six HDMI 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
- RCA unbalanced 7.1 preamp outputs
- Bluetooth 4.0
- FM tuner with 20-channel memory
- HDCP compatible and network streaming via DLNA

Overview:

With comprehensive in/out connections and the latest Bluetooth 4.0 wireless technology, the DN-700AVP is the ideal surround preamp for any commercial audio-video system. Featuring six HDMI inputs, component/composite ins/outs, XLR balanced and RCA unbalanced 7.1 pre-outs and RS-232C, 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.

With a rackmount chassis, the DN-700AVP was designed with the contractor in mind. A balanced XLR stereo input rounds-off the feature set aimed at the professional installer.

Specifications:

- Bluetooth Specifications
 - Version: 4.0
 - Profile: A2DP, AVRCP
 - Maximum Transmission Power: -6dB ± 4dB, Class 2
 - Frequency: 2.4GHz - 2.48 GHz
- FM Tuner
 - Frequency Range: 87.5 MHz - 108 MHz
- USB
 - File System: FAT 16/32
 - Media Type: USB Flash Drive
- Audio Specifications
 - Preamp Outputs: 7.1 Surround Sound
 - Level: -10dB or +4dB
 - Frequency Response: 10Hz - 20kHz ± 1.0dB
 - Dynamic Range: 10kHz - 20kHz, A-weighted >90dB
 - Signal-to-Noise: 1 kHz, 0 dB, A-weighted >90dB
 - 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
- Analog Input
 - Unbalanced RCA: Nominal level -10 dBV (at full scale: -16dB)
 - Minimum Input Level: -19 dBV or higher
 - Input Impedance: 47 k Ω ± 10%, unbalanced
- Digital Inputs
 - Coaxial: RCA (IEC-60958 Type II)
 - Optical: Toslink (IEC-60958 Type II)
- Composite Video
 - Input/Output Level: 1V/p-p
 - Impedance: 75 Ω
 - Frequency Response: 5 Hz - 10 MHz
- Component Video
 - Input Level:
 - Y signal, 1Vp-p
 - Pb/Cb signal, 0.7Vp-p
 - Pr/Cr signal, 0.7Vp-p
- Impedance
 - Y signal, 75 Ω
 - Pb/Cb signal, 75 Ω
 - Pr/Cr signal, 75 Ω
- Frequency Response: 5 Hz - 60 MHz
- HDMI: Version 1.4b (3D and ARC supported)
- Power
 - Connection: IEC
 - Input Voltage: 100 - 120V / 220-240V
 - Consumption: 30W
 - Operating Temperature: 41° F - 113° F
 - Operating Humidity: 25 - 85%, non-condensing
- Dimensions: 19.00" w x 13.66" d x 6.93" h (483 x 347 x 176mm)
- Weight: 19.1 lbs (8.66kg)