



# 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
- RS-232C and IP control
- 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 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.

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: 10kHz - 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 kΩ, ± 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, ± 10%
  - 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, ± 10%
  - Pb/Cb signal, 75 Ω, ± 10%
  - Pr/Cr signal, 75 Ω, ± 10%
- 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)