



DN-300UI

Internet Radio and FM broadcast player with 250-channel memory

Key Features:

- Access to 20,000 worldwide radio stations
- Information center for global financial markets and worldwide weather
- Front panel USB playback of WMA and MP3 files
- FM digital tuner
- Up to 250 memory presets
- Included IR remote
- Ability to stream audio over the local network via DLNA
- AUX IN on both front panel (1/8-inch, 3.5mm) and rear panel (RCA)
- Dimmable color or monochrome front display

Overview:

Bring the world into your installation with the DN-300UI networked Internet Radio and FM broadcast player. With the ability to store 250 global radio station presets—and also play content from USB media—this is the perfect broadcast-receiving device for commercial applications. You can utilize the digital FM tuner to play terrestrial FM radio, visit over 20,000 worldwide radio stations via the Internet, or keep on top of worldwide financial markets and global weather patterns by using the Information Center. The ability to stream audio over a local network via DLNA and front/back AUX inputs round out the feature set.

Specifications:

- Internet Radio Electrical Performance
 - Frequency response: 20 - 18,000 Hz (1kHz, 0dB reference)
 - Output level: 1.2V +/- 2dB (1kHz, 0dB)
 - Output level difference between channels: < 2dB (1kHz, 0dB)
 - Separation: more than 70dB (1kHz, 0dB)
 - Total Harmonic Distortion (THD): < 0.3% (1kHz, 0dB)
 - Signal to Noise ratio: > 75dB (1kHz, 0dB)
- FM & RDS Tuner Electrical Performance
 - Frequency range: 87.5 ~ 108 MHz
 - Sensitivity: 6 uV emf
 - Adjacent channel selectivity: 50dB
 - Image rejection: 55dB
 - Signal-to-Noise Ratio: > 50 dB
 - Total Harmonic Distortion: 0.2%
- Media Player (USB)
 - Compatible media: USB device (mass storage class)
 - Supported device formats, file systems: FAT16, FAT32
 - MP3 Specification
 - Sample rate: 44.1 kHz
 - Bit rate: 32 kbps to 320 kbps and VBR
 - Format: MPEG1 Audio Layer 3
 - File extension: .mp3
 - WMA Specification
 - Sample rate: 44.1 kHz
 - Bit rate: 16 bit
 - Format: Windows Media Audio
 - File extension: .wma
 - File/Folder Limits
 - Storage capacity: up to 2 TB
 - File size: up to 2 GB
 - File name length: up to 255 characters
 - Number of files: up to 999 (for 1 folder)

- Number of folders: up to 999 folders (including the root directory)
- Number of folder levels: up to 8 (including the root directory)
- Folder name length: up to 255 characters
- Wireless Transmission
 - Wireless specification: IEEE 802.11g (dynamic up to 54Mbps)
 - RF frequency: 2.4 ~ 2.4835 GHz
 - Wireless transmit power: 15dBm (max)
- Wired Network Transmission
 - Wired transmission specification: 10/100Mbps half-duplex mode (RJ-45)
- Audio Input
 - Front panel: 1/8-inch (3.5mm) AUX input
 - Rear panel: stereo RCA AUX input
- Other Inputs
 - USB 2.0 port
 - RJ-45 port
 - WLAN antenna terminal
 - FM antenna terminal
- Output
 - XLR balanced: 2.0 Vrms
 - RCA unbalanced: 200mV +/- 2dB Vrms
- LCD Display Specifications
 - LCD display area: 1.32" (w) x 1.76" (h) (33.48mm x 44.64mm)
- Infrared Remote Control
 - Distance: 33 feet (10m) (max)
- Environmental Specification
 - Operating temperature: 23° ~ 104° F (-5°~ 40° C)
 - Operating humidity: 25% ~ 85% (non-condensing)
- General
 - Power supply: 100 ~ 240VAC, 50~60Hz
 - Power consumption: 50 VA
 - Dimensions: 19" x 7.3" x 1.73" (482 x 185 x 44mm)
 - Weight: 5.1 lbs. / 2.31 kg