

NET

AM/FM

USB

AirPlay®

DLNA®

DN-700H

Network Audio Player



The Denon Professional DN700H is the first in a new line of Denon Professional Commercial Installation products. Designed to be fully functional as a Network Media player the DN700H also represents a new visual appearance from Denon Professional combining a single style across a new product range to add elegance to functionality.

The DN700H is a 1U rack-mount device. Designed to offer playback from a number of local and network sources, it forms a key part of any basic or advanced installation. With a bright OLED display and LED button navigation the unit is easy to use from the front panel even in dark or low-light conditions. The audio monitor on the front panel ensures the quality and selection of the audio source when required, and the professional XLR outputs will guarantee high quality signal connection to the mixer or router. Full remote control is available via IP, RS232 and the included IR controller.

Create a vTuner account with radiodenon.com and register your own corporate and in-house radio streams for use in a multi-location environment. Use your account to manage the streams and ensure they remain private or allow them to go public, as you need. Use your account to select your favourite stations only for simple selection. Alternatively access thousands of radio stations online via the internet radio feature including a vast selection of genre specific stations, international radio and selected local stations, in addition to the internal FM and AM tuner.

External audio file sources can be accessed via USB (including thumb drives, external Hard Disc Drives or iPod® and iPhone® via the front panel USB port). In addition, music can be accessed wirelessly via DLNA streaming devices such as a PC, or NAS Drive, and AirPlay functionality means streaming directly from local Apple iDevices and iTunes libraries is also possible.

What is AirPlay?

Apple's revolutionary AirPlay technology allows you to experience your iTunes library through the DN-700H via your PC, MAC, or mobile device. AirPlay does more than just stream your music to the 700H. It streams information about your music, too.

Song titles, artists, album names, elapsed and remaining time, all appear on the front panel display.



AirPlay



Rear panel

Features

- Streams audio over a Network (P, NAS) via DLNA
- AM/FM
- Balanced and unbalanced audio output
- Access 20,000+ Internet radio stations
- Connect to Private internet radio streams
- Play audio files direct from the front-panel mounted USB port
- Supports WMA, MP3, WAV, MPEG-4 AAC, and FLAC
- OLED display
- Backlit buttons with 'logic navigation'
- Front panel switchable monitor
- Headphone output
- Balanced XLR audio outputs with trim
- Optical digital output
- RS232c serial controllable
- IP remote control
- IR remote control inc. remote control
- 1U rack space design complete with removable rack ears
- Detachable IEC power cord

Denon Remote App available through the App Store for wireless control from selected iDevices.



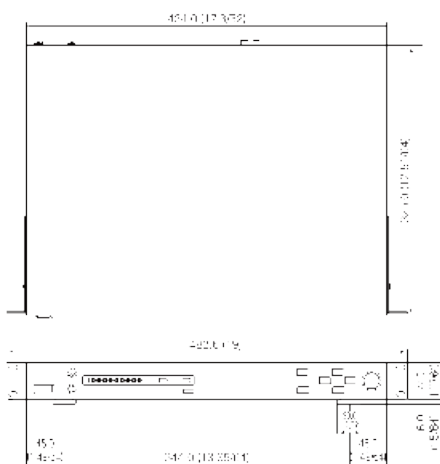
Available on the App Store

Specifications and features subject to change

DN-700H Specifications

Available Media Sources

- Access your own private radio streams via vTuner at radiodenon.com
- Internet Radio
- Local FM Radio
- Local AM Radio
- iPod, iPhone or iPad via the front panel USB
- USB thumb drives and HDDs
- Stream music from a PC, MAC, NAS or other DLNA enabled device
- Stream from your iDevice or iTunes library via AirPlay



Audio section	
Audio channel:	2 channel stereo
Frequency response:	2Hz – 48kHz (Sampling frequency: 96kHz) 2Hz – 20 kHz (Sampling frequency: 44.1kHz)
Signal-to-noise Ratio:	98 dB (1kHz, 0dB playback, A filter)
Dynamic range:	96 dB (1kHz, 0dB playback, A filter)
Channel separation:	88 dB (1kHz, 0dB playback, A filter)
Total Harmonic Distortion:	0.01% (1kHz, 0dB playback, A filter)
Analog output	
Balanced out L/R	
Type:	XLR (1:GND, 2:Hot, 3:Cold)
Maximum level:	+10 dBu / Under 600Ω load (0 dBFS Reference)
Variable range:	+10 dBu to -6 dBu
Unbalanced out L/R	
Type:	RCA terminal
Standard level:	2 Vrms / Under 10 kΩ load
Digital output (optical):	-21 – -15 dBm
Headphone Output:	20 mW / 32Ω
Monitor speaker Output:	600 mW / 8Ω
Tuner section	
FM tuner	
Range of receivable frequencies:	87.5 – 107.9 MHz (U.S.A. and Canada models) 87.5 – 108.0 MHz (EU, U.K. and Asia/Pacific models)
S/N ratio (mono):	65 dB
Sensitivity (S/N 50 dB):	7 dBμV (IHF)
AM tuner	
Range of receivable frequencies:	520 – 1710 kHz (U.S.A. and Canada models) 522 – 1611 kHz (EU, U.K. and Asia/Pacific models)
S/N ratio:	40 dB
Sensitivity (S/N 20 dB):	56 dBμV/m
Power supply	
Power supply voltage/frequency:	AC120V, 60 Hz (U.S.A. and Canada models) AC230V, 50/60 Hz (EU, U.K., and Asia/Pacific models)
Power consumption:	18W
Power consumption in standby mode:	0.2 W
Power consumption in network standby mode:	7.5 W

For purposes of improvement, specifications and design are subject to change without notice.

¹This DN-700H incorporates an ability to play digitally streamed audio signals from all sources using internet radio formats, and is intended for use with your own internet radio stations and with third party public domain and authorized signal sources. Certain audio streams, such as Online Music Services may only be used if licensed and subject to restrictions preventing commercial retransmission or public performance of streamed signals. You are required to ensure your compliance with any applicable terms or restrictions before using restricted third party signals of any type. You are also responsible for complying with any rules or laws governing your use of Internet Radio, including copyright laws.

"Made for iPod," "Made for iPhone," and mean that an electronic accessory has been designed to connect specifically to iPod, or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

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