NET   AM/FM   USB   AirPlay®   DLNA®

DN-700H
Network Audio Player

Introducing the DN-700H, the first model in the 700-series – the new face of premium A/V products for professional installation by Denon Professional. Brilliantly tooled in a 1 RU space-saving design, each model in the 700-series is developed to provide the ultimate in audio specifications and ethernet and IP functionality. With bright, highly visible OLED displays and intuitive LED button navigation, the 700-series provides any user the easiest operational experience and most versatile feature-set in the market today.

The DN-700H Network Audio Player from Denon Professional ushers in the new wave of "combo-deck" type playback devices. Taking full advantage of what internet media offers, the DN-700H can connect to and playback a myriad of online media as well as local AM/FM broadcasts and even access your own digital media through DLNA streaming, Apple AirPlay® or the front-panel mounted USB port.

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.

At the core of the new 700-series from Denon Professional is an ideal that marries a simpler, yet elegant design theory with the ultimate in high-specification feature-sets including a bridging of the gap between consumer type network devices and high-quality audio/video source and acquisition appliances. With front panel button navigation that contains logic to guide the user and a slim 1RU design with removable rack ears, the 700-series is destined to become the new standard in professional installations.

The DN-700H is the ideal choice for installations no matter the environment. With advanced control possibilities, accessing your device and your media has never been easier. With full RS-232c serial implementation for large installations, to individual control via the included IR remote or via the Denon CE iDevice network app (available on the iTunes store), all of your music is just a click away.

Features

- **Streams Audio over the Network (PC, NAS) via DLNA**
- **AM/FM Tuner**
- **Access 20,000+ Internet radio broadcasts**
- **Connects to your own private internet radio streams**
- **Internet Radio Services such as: Rhapsody and Pandora**
- **Play files direct from the front-panel mounted USB port**
- **Supports WMA, MP3, WAV, MPEG-4 AAC, and FLAC***
- **Bright, vivid OLED display**
- **Brilliant backlit buttons with logic navigation for the ultimate in ease-of-use**
- **Front-panel, switchable reference speaker**
- **HP output with level control**
- **Balanced XLR audio outputs with trim**
- **Optical digital output**
- **RS-232c serial controllable**
- **IR controllable with included IR remote control**
- **Elegant 1RU rack space design with removable rack ears**
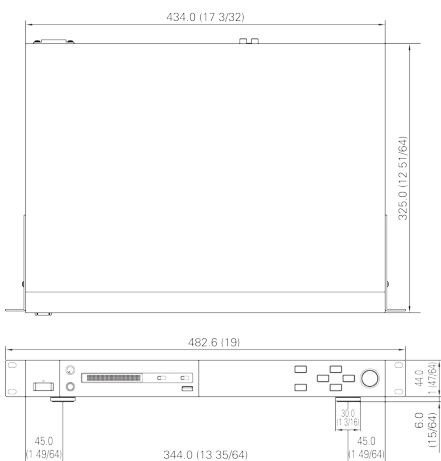- **Detachable IEC-weighted power cord**

Denon CE's iDevice Remote App available through the APP store

Available on the App Store

Specifications and features subject to change

Rear panel

www.d-mpro.com
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DN-700H Specifications

Available Media Sources

- Local AM Radio
- Local FM Radio
- Local Radio stations and internet streams from the internet
- International Radio stations via the internet
- Connect to your Pandora and Rhapsody accounts[1]
- USB thumb drives and HDDs
- iPod, iPhone or iPad via the front panel USB
- Push your music from a PC, MAC, NAS or other DLNA enabled device to the 700H
- Pull music from a PC, MAC, NAS or DLNA certified device
- Push music from your iDevice via AirPlay for wireless control and audio
- Push music to the DN-700H from your iTunes library via AirPlay
- Access your own private radio streams via vTuner at radiodenon.com

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.

[1]This 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 (Rhapsody, Pandora) 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 .
*AirPlay, the AirPlay logo, iPhone, iPod, iPod touch and iTunes are trademarks of Apple Inc., registered in the U.S. and other countries. iPad is a trademark of Apple Inc. App Store is a Service Mark of Apple Inc.

434.0 (17 3/32)

325.0 (12 51/64)

482.6 (19)

44.0 (1 47/64)

6.0 (15/64)

45.0 (1 49/64)   344.0 (13 35/64)   45.0 (1 49/64)

30.0 (1 3/16)

Made for
iPod iPhone

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AirPlay dlna Rhapsody PANDORA internet radio

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