

Professional Integrated Amplifier

DN-A300M



The Denon Professional DN-A300M Professional Integrated Amplifier is the ideal solution for any sound reinforcement installation or application needing an affordable compact PA system. Complete with 2 — 100 Watt switchable power amps and a front-panel microphone input with auto-sensing music ducking, the DN-A300M allows a user the ability to broadcast a message over any of the 6 audio source inputs; a function highly desired in many small restaurant, bar and retail environments.

Key Features

- 2 x 100w Power Amplifiers
- A/B Speaker On/Off buttons
- 6 - unbalanced RCA audio inputs with grounded phono inlet
- 2 - unbalanced record outputs
- 1 - unbalanced Pre-out for connection to external amplification
- Front-panel mounted 1/4" MIC jack allows for paging and announcements
- 3 back-panel mounted AC inlets for powering additional equipment like a CD player / changer or AM / FM / Satellite Radio Tuner (1-unswitched, 2-switched)
- Multiple MIC mixing options including Auto Music Mute and MIC mix
- Fully Adjustable MIC level or automate the MIC level with the DN-A300M's internal AGC MIC circuit
- Bass and Treble adjustments with Loudness switch
- Control all features of the product (and other Denon Pro products) with the included IR remote
- 3U Rack kit included
- Denon Professional's 2-year warranty

Application Example

BGM (Background Music)

The Denon Pro DN-A300M is an ideal front-end component for Background Music Systems in small restaurant, bar and retail environments. Controllable via IR, the DN-A300M can be installed into a manager's office or behind (or in) a host's / hostesses station and power two stereo areas such as the bar and dining room, for example. Complete with 6 audio inputs and 3 AC outlets, the user can connect standard BGM equipment (iPod dock and/or CD Changer) and then utilize the front-panel mounted microphone input to page notifications over the entire system; perfect for announcing "your table is ready" or other messages.



Specifications

Power Amplifier Section

Rated Power Output	2-channel driving (CD --> SP Out) 70W + 70W (8 ohms, 20Hz - 20kHz, THD 0.07%) 110W + 110W (4 ohms, DIN, 1kHz, THD 0.7%) 0.01% (Rated Output: -3dB), 8 ohms, 1kHz
High Frequency Distortion	Speaker A or B: 4 ~ 16 ohms A + B: 8 ~ 16 ohms
Output Terminals	

Pre-amplifier Section

Input Sensitivity	
Phono (MM)	2.5mV
CD, Tuner, DVD/AUX, Tape-1, Tape-2	150mV
MIC	0.6mV
Input Impedance	
Phono (MM)	32 kohms
CD, Tuner, DVD/AUX, Tape-1, Tape-2	33 kohms
MIC	4 kohms
RIAA Deviation	
PHONO (MM):	20Hz - 20kHz ± 0.5dB

Overall Performance

Signal to Noise Ratio (A Network)	
Phono (MM):	76dB
CD, Tuner, DVD/AUX, Tape-1, Tape-2	105dB
MIC	60dB
Tone Control	
Bass	100Hz, ± 8dB
Treble	10 kHz ± 8dB
Loudness	100Hz +6dB, 10kHz +4dB

General

Power Outlets	1 unswitched / 2 switched
Total Capacity	120W (1A)
Power Supply	AC 120V, 60Hz
Power Consumption	3.3A
Dimensions	483(W) x 140(H) x 372(D) mm 19"(W) x 5 1/2"(H) x 14 21/32"(D)
Net Weight	10.3 kg (22lbs 11.3 oz)
Operational Temperature	5° to 35°C (41° to 95°F)
Storage Temperature	-20° to 60°C (4° to 140°F)

Remote Control Unit (RC-1101)

Remote Control Type	Infrared Pulse
Power Supply	R03/AAA type (2 batteries)
External Dimensions	50(W) x 200(H) x 27(D)mm 2"(W) x 7 55/64"(H) x 1" (D)
Weight	128g (~ 4.5oz)(including batteries)

For improvement purposes, specifications and functions are subject to change without advanced notice

www.d-mpro.com

D&M Professional
1100 Maplewood Drive Itasca, Illinois 60143
Tel: 630.741.0330 Fax: 630.741.0652