

DN-A300M

Integrated mic mixing amplifier

DENON
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Product Overview:

The Denon DN-A300M stereo installation amplifier replaces the renowned PMA-100M, a favourite with commercial installers. Like its predecessor, the DN-A300M offers a high quality solution for small installations, and provides increased amplifier power over the existing model range.

The new model features mic input mix and Auto Gain Control, coupled with 110 watts per channel of power amplification. The mic level control enables manual mixing of a microphone signal with other audio input sources, while Mic Auto Gain Control and Music Auto Mute control enable preset level reduction or muting of music programme material when using a microphone. LED indicators show on/off status for the mic mix, Auto Gain Control and music mute functions. The input selector enables switching between AUX, TUNER CD, PHONO and TAPE 1 and 2 sources, from the extensive array of input connections on the rear panel. Selectable A/B speaker circuits are switchable from the front panel, with LED indicators showing which circuit is active.

The DN-A300M provides classic Denon sound and build quality at an affordable price point, and is ideal for small commercial AV applications, in numerous types of venues and environments.

Applications:

- BGM (Background music)
- Education
- Corporate AV
- Fitness
- Retail & Leisure



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 DNA300M'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



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Specifications:

General

Power outlet	1 unswitched and 2 switched outlets, total capacity 100W (0.45A)
Power Supply	AC 230 V, 50 Hz
Power Consumption	300 W (IEC)
Dimensions excluding 19" rack kit	
Width	483 mm
Height	140 mm
Depth	372 mm
19" rack kit height	3U
Weight	10.3 kg

Power amplifier section

Rated Output Power	2-channel driving (CD → SP OUT), 70 W + 70 W (8 ohms, 20 Hz ~ 20 kHz, T.H.D. 0.07%
Dynamic power	110 W + 110 W (4 ohms, DIN, 1 kHz, T.H.D. 0.7%
High frequency distortion	0.01% (Rated output: -3 dB), 8 ohms, 1 kHz
Output terminals	Speaker A or B: 4 ~ 16 ohms, A + B: 8 ~ 16 ohms

Pre-amplifier section

Equalizer amplifier output (REC OUT terminals)	150 mV
Input Sensitivity/Input Impedance	PHONO (MM): 2.5 mV/32 kohms, CD, TUNER, DVD/AUX, TAPE-1, TAPE-2: 150 mV/33 kohms MIC 0.6 mV/4 kohms
RIAA Deviation	PHONO (MM): 20 Hz ~ 20 kHz ±0.5 dB

Overall performance

SN Ratio (A network)	PHONO (MM): 76 dB, (With input terminals short-circuited, 5 mV input signal) CD, TUNER, DVD/AUX, TAPE-1, TAPE-2, 105 dB (input terminals short-circuited MIC 60dB
Tone control (bass): LOUDNESS	BASS: 100 Hz±8 dB, TREBLE: 10 kHz±8 dB 100 Hz: +6 dB, 10 kHz: +4 dB

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
Weight	128g (including batteries)

In the box: User Manual • rackmount • remote control (inc batteries)

Rear view:



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

www.dm-pro.eu/dna300m