

DN-U100P

AM-FM Stereo tuner

DENON
PROFESSIONAL



Product Overview:

The DN-U100P builds on the success of Denon's long line of affordable easy to use tuners. Offering FM/AM bands, 100 presets and auto/manual tuning, the 2U rackmountable tuner is a simple and reliable solution for background music and radio monitoring applications.

Applications:

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

Key Features:

- FM & AM band tuner
- 100 presets – store up to 100 stations in banks of 10 (1-10, A-J)
- IR Control (supplied remote)
- Auto & Manual tuning
- RDS (radio data system) displays the station name etc
- RT (radio text) displays information such as track title if broadcast
- Last Function Memory: if power is lost when the DN-U100 is switched back on it will always return to the last tuned station
- 2U



RDS

Radio**TEXT**



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Specifications:

General

Power Supply	AC 230 V, 50 Hz
Power Consumption	10 W
Dimensions excluding 19" rack kit	
Width	434 mm
Height	73 mm
Depth	286 mm
19" rack kit height	2U
Weight	3.6 kg

FM tuner section (Note: μV at 75 ohms, 0 dBf=1 x 10^{-15} W)

Receiving range	87.5 MHz ~ 108.0 MHz
Antenna terminals	75 ohms Unbalanced
Usable sensitivity	1.0 μV (11.2 dBf), 1.2 μV (IHF)
S/N 50 dB sensitivity	
Monaural	1.6 μV (15.3 dBf)
Stereo	23 μV (38.5 dBf)
Image interference ratio	80 dB
IF interference ratio	100 dB
AM suppression ratio	50 dB
Effective selectivity	50 dB (± 400 kHz)
Capture ratio	2.0 dB
Frequency characteristics	20 Hz ~ 15 kHz: +0.5, -1.0 dB
Signal-to-noise-ratio	
Monaural	77 dB (IHF), 73 dB (DIN)
Stereo	72 dB (IHF), 68 dB (DIN)
Total harmonic distortion	
Mono 1 kHz (at 75 kHz dev.)	0.15%
Stereo 1 kHz (at 67.5 kHz dev.)	0.3%
Stereo separation 1 kHz (WIDE)	43 dB

AM tuner section

Receiving range	522 kHz ~ 1611 kHz
Antenna terminals	Terminal type with loop antenna
Usable sensitivity	18 μV
Signal-to-noise-ratio	53 dB

Remote control unit (RC-1027)

Power supply	R03/AAA Type (2 batteries)
External dimensions	48 (W) x 219 (H) x 22 (D) mm
Weight	105g (including batteries)

In the box:

- User Manual
- Rackmount
- AM aerial, FM aerial
- Phono cable
- Remote control (inc batteries)

Product Image:



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