

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.