



RadioTEXT

\*Speakers shown may be different from those actually sold with the D-F100 system.

## Brings Freedom of Music Closer to You.

The D-F100 has been designed to make it easier for you to access DENON's rich, high-quality sound. Not only is this mini Hi-Fi system a breeze to operate, the main unit of each component is also only 270mm wide, 84mm high, and 250mm deep, enabling you to set them up snugly just about anywhere in your home, such as on a bookshelf or a bay windowsill. The D-F100 is the envy of the industry in both size and quality of sound.

The Receiver unit features a high-capacity heatsink and a large transformer to produce a clean, powerful sound; the CD Player uses an 8-times oversampling digital filter to reproduce a lively, fresh sound; the MiniDisc Recorder includes MD Pick Rec, a function that makes sure you don't lose any sound at the beginning of a track when you record; and the Cassette Deck offers horizontal loading as well as Dolby HX-Pro and B/C noise reduction to preserve the broad dynamic range of high-quality digital sound.

Along with its low power consumption during standby to help preserve the environment, the D-F100 is bound to enrich your life.

### DRA-F100 Receiver



#### ■ Design for High Sound Quality from High-end Amplifiers

A discrete configuration of the output stage for clear channel separation and greatly reduced noise, a high-capacity heatsink, a large transformer, and the use of high-quality parts throughout are just some of the hallmarks of the DRA-F100 that are inherited from DENON's high-end amplifiers. All these features have been designed to reproduce the high-quality sound of digital recordings.

#### ■ Rich Array of Input/Output Terminals

The DRA-F100 is equipped with a wealth of input and output terminals to take advantage of the many options available today in playing or recording music. Not only can the DRA-F100 accommodate a MiniDisc recorder, CD player, cassette deck, and even an analog record player through the unit's PHONO (MM) terminal, it also includes an AUX input terminal for future devices.

#### ■ Elegant External Design

The DRA-F100 matches its high-quality sound with an elegant external design centered on the large aluminium volume adjustment knob.

#### ■ 40-Track Preset Memory

Once you set the stations you want to hear in advance, you can tune in to any of them through the remote control unit. Stations can be set to any desired position for optimum ease in tuning.

#### ■ Versatile Timers

The DRA-F100 provides an Everyday timer that lets you set the D-F100 system to turn on and off each day at the same time, and a Sleep timer that turns it off every night (or any other time) in 10-minute increments from 10 to 60 minutes after you turn it on.

### DCD-F100 CD Player



#### ■ 8-times Oversampling Digital Filter

When a digital signal recorded on a CD is D/A converted in its original form with high-frequency noise, the 8-times oversampling digital filter in the DCD-F100 multiplies the signal's sampling frequency by eight before it passes to the D/A converter. The noise that is thus clearly isolated from the musical signal is removed in the analog low-pass filter so that you can hear cleaner sound.

#### ■ Convenient Editing Functions

The DCD-F100 includes an Auto Edit function that, by simply entering the length of the tape, automatically arranges the tracks on the CD for efficient recording to a cassette deck. Also included is a Program Edit function that records tracks in the order you have specified in advance. And a set of optical digital output terminals lets you record high-quality digital sound as is to a MiniDisc unit.

#### ■ A Variety of Playback Functions

The DCD-F100 offers a palette of playback functions such as Random Play, three types of Repeat Play, and Programmed Play, to let you enjoy the same CD in a variety of ways.

## DRR-F100 Cassette Deck



### ■ Horizontal Loading for Stable Tape Transport

The DRR-F100 is equipped with DENON's renowned horizontal loading mechanism, providing consistently stable tape transport. This design suppresses vibrations in the hubs of the cassette to ensure optimum sound quality during recording and playback.

### ■ Dolby Noise Reduction Technology

In addition to Dolby B and C noise reduction, the DRR-F100 features Dolby HX-Pro, a technology that prevents over-biasing in the high range and allows the tape to perform at its maximum potential. Dolby HX-Pro was specially designed to preserve the clarity and dynamism today's demanding digital sound sources, giving a greater sense of space in the high range.

### ■ Indispensable Recording and Editing Functions

The DRR-F100 is equipped with a 4-digit counter that provides the needed precision for recording and editing sessions, and a synchronized recording function (CD-SRS) linked with the DCD-F100.

## DMD-F100 MiniDisc Recorder



### ■ MD Pick Rec, an Innovative Recording Function

When the Pick Rec button is in the pressed position while you listen to a CD or an FM broadcast, you only need to press the Enter button during a song or track to be able to record the selection from the beginning.

### ■ Useful Edit and Play Functions

In addition to Divide, Move, Combine, Erase and other MD editing functions, the DMD-F100 provides a wealth of playback functions such as 25-track Programmed Play, Random Play, and Repeat Play.

### ■ Up to 14 Characters on Large Display

Alphanumerics in both lower and upper case, symbols, and English characters can be used to display the MD title, track name, artist's name, and other information about the MD you are playing. A maximum of 100 characters can be entered for each track.

### ■ 2 Sets of Optical Digital Input Terminals, 1 Set of Optical Digital Output Terminals

Digital connections with a CD player or other sources of digital signals enable direct recording of high-quality digital sound. The DMD-F100 includes a Sampling Rate Converter that automatically converts digital signals sampled at 32 kHz or 48 kHz from a DAT or other digital recording device to the 44.1 kHz sampling frequency required for recording to MD.

## Specifications

### DRA-F100

- Power Amplifier Section
  - Rated output power ..... 30 W + 30 W (4 ohms, 1 kHz, 0.7 % THD)
  - Input sensitivity/Impedance
    - PHONO MM ..... 2.5 mV/47 kohms
    - LINE ..... 150 mV/47 kohms
  - Signal-to-noise ratio (A-weighted) .. 90 dB (Line)
  - Tone control
    - Bass ..... 100 Hz ±8 dB
    - Treble ..... 10 kHz ±8 dB
- FM Section
  - Frequency range ..... 87.5 - 108.0 MHz
  - Usable sensitivity ..... 1.5 µV (14.8 dBf)
  - Signal-to-noise ratio (A-weighted)
    - Mono ..... 75 dB
    - Stereo ..... 70 dB
- AM Section
  - Frequency range ..... 522 - 1611 MHz
  - Usable sensitivity ..... 20 µV (14.8 dBf)
- General
  - Power source ..... 230 V, 50 Hz, 70 W
  - Dimensions, Weight ..... 270 (W) x 84 (H) x 289 (D) mm, 4.1 kg

### DCD-F100

- Frequency range ..... 4 Hz - 20 kHz
- Dynamic range ..... 95 dB
- Signal-to-noise ratio ..... 102 dB
- Programming ..... 20 tracks
- General
  - Power source ..... 230 V, 50 Hz, 10 W
  - Dimensions, Weight ..... 270 (W) x 84 (H) x 257 (D) mm, 2.7 kg

### DRR-F100

- Heads
  - Record and Playback ..... Hard permalloy Record/Playback x 1
  - Erase ..... Ferrite erase head x 1
- Wow & flutter ..... 0.15 % Wrms
- Frequency response ..... 25 Hz - 19 kHz ±3 dB (Metal tape)
- Signal-to-noise ratio ..... 70 dB (Dolby C NR on)
- General
  - Power source ..... 230 V, 50 Hz, 14 W
  - Dimensions, Weight ..... 270 (W) x 84 (H) x 264 (D) mm, 2.9 kg

### DMD-F100

- Audio channels ..... 2 channels
- Frequency range ..... 4 Hz - 20 kHz
- Dynamic range ..... 96 dB
- Signal-to-noise ratio ..... 97 dB
- Sampling frequency ..... 44.1 kHz
- General
  - Power source ..... 230 V, 50 Hz, 11 W
  - Dimensions, Weight ..... 270 (W) x 84 (H) x 269 (D) mm, 2.9 kg

\*Dimensions: Depth of each component includes the knobs and buttons.

\*Design and specifications are subject to change without notice.