

# D-F107DAB+

DAB Hi-Fi Mini Component System

(DRA-F107DAB DAB Stereo Receiver / DCD-107 CD-Player / SC-F107 Speaker System)

# DENON

## Ultimate DAB Hi-Fi Mini Component System

High-sound-quality DAB Hi-Fi Component System in 250 mm x 250 mm compact size, offering improved sound quality, ease of use, and connectivity with portable players. Additionally this model offers iPod Direct connectivity via USB port.

European Sound Tuned

iPod Direct connectivity via USB port



Silver/Black



Black/Black



Silver/Cherry



### Features

#### Stereo Receiver DRA-F107DAB

- 65 W x 2 High Power Output
- DAB/DAB+ tuner
- Dynamic and crisp sound
  - Newly developed power amplifier stage
  - Separated block construction
  - 'Simple & Straight' circuit design
- Dock control port, for networked connectivity
- Portable player connectivity
- MM phono equaliser
- 2-line front display, to easily identify broadcast stations
- Easy timer setting
- Newly developed remote controller



Stereo Receiver DRA-F107DAB



#### CD Player DCD-F107

- Clean and pure sound
  - Minimum signal path
  - Minimum CD pick up signal path
  - High precision 24-bit 192 kHz D/A converter and strictly selected parts
- Portable player connectivity
  - iPod Direct connectivity via USB port
  - USB (Mass Storage Class) connectivity
- CD-R/CD-RW playback (MP3, WMA)
- 2-line front display, to easily identify music tracks

#### Speaker System SC-F107

- Newly-developed speakers... inheriting Denon's CX concepts and technology
  - 14 cm D.D.L. cone woofer units with ventilation hole
  - 2.5 cm high definition tweeter with ventilation hole
  - Crossover network, to separate woofer and tweeter to reproduces the smoothness of natural sound
- Anti-vibration Crossbar arranged for optimum acoustics inside the cabinet
- Born from European sound design and Denon collaboration

## DRA-F107DAB

### DAB/DAB+ tuner

DAB+ is based on the original DAB standard but uses a more efficient audio codec. Whereas DAB uses MPEG Audio Layer II (MP2), DAB+ uses HE-AAC v2 (MP4 or AAC+). This allows better subjective audio quality to be broadcast at lower bit rates.

### Serious hi-fi quality

#### Newly developed power amplifier stage

Denon developed a new power amplifier stage to give you a robust 65 W + 65 W of power from a compact body. This design lets you hear the details of music on a powerful dynamic foundation. The power circuits for the pre-amp requiring stable voltage and for the output stage requiring large current have been separated and placed away from the power transformer. This design significantly improves sound resolution and supports a more realistic musical expression.

#### Separated block construction

In side the chassis, the digital signal and analog signal stages are structurally separated with a shielded plate between. By preventing interference between the two different types of signals, it is possible to faithfully reproduce the original sound from the delicate details to the dynamic bursts of energy.

#### 'Simple & Straight' circuit design

By providing a simple and straight signal path in the circuitry from signal input to output, signal degradation and noise are prevented, ensuring a pure, clean sound.

### Connectivity

#### Dock control port, for networked connectivity

By connecting an optional Denon Control Dock for iPods (ASD-3N/3W), iPods, you can enjoy not only playback from your iPod but also Internet radio or music files stored on your PC.

#### Portable player connectivity

Any portable players connectivity via 'PORTABLE IN' at front panel (Analogue)

#### • MM phono equaliser

### Ease of use

#### • 2-line front display, to easily identify broad cast stations

#### Easy timer setting

The 2-line display on the front panel makes setting the timer very easy, and lets you check the time when the system is turned on and off.

#### Newly developed remote control unit

The keys have been laid out so that various media can be easily played both intuitively and visually. The buttons for the main operating sequences, such as Play, Skip, Stop, or Volume Up/Down, have been placed near each other for smooth, quick finger movement.

#### Other features

- RDS and Radio TEXT function
- Tone controls (Bass, Treble)
- S.D.B. (Super Dynamic Bass)
- MONO output for subwoofer
- Headphone jack
- Everyday/Once/sleep timer

### Terminals: DRA-F107

In	Phono	x 1
	CD	x 1
	Aux 1/ Dock	x 1
	Aux 2 (PB)	x 1
	Portable in	x 1
	Preout (MONO)	x 1
Out	Aux 2 (REC)	x 1
Others	Dock control	x 1
	System connector	x 1
	Tuner antenna AM/FM	x 1
	AC outlet	x 1

### Main Specifications: DRA-F107DAB

#### Power amplifier section

Rated output	65 W + 65 W (4 ohms, 1 kHz, T.H.D. 0.7%)
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#### Preamplifier section

Input sensitivity/impedance	Phono (MM): 2.5 mV/47 kohms, CD, AUX1, AUX2, Portable In: 200 mV/47 kohms
Tone control	Bass 100 Hz : ±8 dB Treble 10 kHz : ±8 dB S.D.B.: 100 Hz + 10 dB

#### DAB section

Tuning frequency range	BAND III 170 - 240 MHz
Usable sensitivity	-93 dBm

#### FM section

Tuning frequency range	87.5 - 108 MHz
Usable sensitivity	1.5 µV (10.3 dBf)

#### AM section

Tuning frequency range	522 - 1611 kHz
Usable sensitivity	20 µV

#### General

Power supply	AC 230 V, 50 Hz
Power consumption	44 W (standby 0.2 W)
Dimensions (W x H x D)	250 x 82 x 250 mm (w/o terminals) 250 x 82 x 283 mm
Weight	2.6 kg

### Terminals: DCD-F107

Out	Analogue	x 1
	Digital optical	x 1
Others		
	System connector	x 1

### Main Specifications: DCD-F107

#### General

Channels	2 channels
Power supply	AC 230 V, 50 Hz
Power consumption	25 W
Dimensions (W x H x D)	250 x 82 x 250 mm (w/o terminals) 250 x 82 x 260 mm
Weight	3.1 kg

#### EAN

##### D-F107DAB

D-F107DABBKBEK	4582116362051
D-F107DABSPBKEK	4582116362174
D-F107DABSPCWEK	4582116362167

##### DCD-F107

DCD-F107BKE2	4582116362242
DCD-F107SPE2	4582116362235

##### DRA-F107DAB

DRA-F107DABBKEK	4582116362198
DRA-F107DABSPEK	4582116362181

##### SC-F107

SC-F107BKEM	4582116362082
SC-F107CWEM	4582116362075

### Main Specifications: SC-F107

Type	2-way, 2-speakers Reflex box / Low-leakage-flux
Drivers	14 cm cone bass-mid x1 2.5cm soft dome high range x1
Frequency range	40 Hz - 40 kHz
Max. input	60 W (IEC), 120 W (PEAK)
Input impedance	6 ohms
Dimensions (W x H x D)	182 x 296 x 237 mm
Weight	5.2 kg/unit

\* Design and specifications are the subject to change without notice.  
\* Made for iPod™ means that an electronic accessory has been designed to connect specifically to iPod and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.  
\* iPod is a trademark of Apple Inc., registered in the U.S. and other countries.  
\* Windows Media is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.

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## DCD-F107

### Serious Hi-Fi quality

#### Minimum signal path and minimum CD pickup path, for pure sound playback

The farther a signal needs to travel, the easier it is for it to become influenced by external noise and other factors that degrade signal quality. By minimizing the DCD-F107's signal path from where the signal is read by the CD pickup to where it is output as an analog signal, the sound you hear remains as pure as possible.

#### High precision 24-bit 192 kHz D/A converter and strictly selected parts

This D/A converter, strictly selected parts and the audio circuit design that Denon has developed over many years masterfully reproduce the delicate nuances of music in the audio signal.

### Connectivity

#### USB port, for connecting an iPod or USB memory (\*1)

When you connect an iPod or USB memory (containing WMA/MP3 files) to the DCD-F107's USB port, you can play the music files stored on these media. The battery is also charged while connected. When you connect the iPod, you can even continue listening to the track that was in play before connection. Since the iPod transmits digital signals, the sound you hear as they pass through the DCD-F107's audio circuitry is of much higher quality. You can control the iPod or USB memory using the remote control unit that comes with the DRA-F107. \*1) Supports USB mass storage class.

- CD-R/CD-RW playback (MP3, WMA)
- Optical digital output

### Ease of use

- 2-line front display, to easily identify music tracks

## SC-F107

### Newly-developed speakers... inheriting Denon's CX concepts and technology

#### 14 cm D.D.L. cone woofer units with ventilation hole

D.D.D.(Denon Double Layer) cone with ventilation hole, to prevent the woofer cone from swelling when the air inside heats up and to maintain uniform centring of the diaphragm. By reviewing the shape of the woofer unit frame to obtain better control of air flow, Denon engineers reduced unwanted radiated sound from the edges and improved the richness of sound.

#### 2.5 cm high definition tweeter with ventilation hole

High definition tweeter with ventilation hole, to maintain uniform centring of the diaphragm and to ensure constantly ideal piston motion.

- Crossover network, to separate woofer and tweeter to reproduces the smoothness of natural sound
- Anti-vibration Crossbar arranged for optimum acoustics inside the cabinet
- Born from European sound design and Denon collaboration