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.

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

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

www.denon.eu
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 box. 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.

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 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.

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.L. (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.

Connectivity

Dock control port, for networked connectivity
By connecting an optional Denon Control Dock for iPods (ASD-3IN/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 broadcast 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. For the buttons 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

Ease of use

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

Connectivity

USB port, for connecting an iPod or USB memory
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

Terminals: DRA-F107

In
Phono x 1
CD x 1
Aux 1/ Dock x 1
Aux 2 /Phono x 1
Portable x 1
Preamplifier input x 1

Out
Aux 2 (REC) x 1

Others
Dock control x 1
System connector x 1
Tuner antenna AMP/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%) more efficient audio codec.

Preamplifier section
Input sensitivity/ Impedance
Phono (MM) 2.5 mV/47 ohms, CD 20 mV/47 ohms

Tone control
Basic 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
-90 dB

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)

Weight
2.6 kg

Termsinals: 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)

Weight
3.1 kg

EAN

D-107DAB
D-F107DAB8K9K
D-F107DAB6K9K
D-F107DABPC8K

D-107DAB8K2
D-107DAB8K2

DRA-F107DAB
DRA-F107DAB8K9K
DRA-F107DAB8K2

SC-F107
SC-F107E5K
SC-F107GB5K

SC-F107GW5K

Main Specifications: SC-F107

Type
2-way, 2-speakers

Drivers
14 cm cone bass ±6 dB
2.5cm soft dome high range ±1 dB

Frequency range
40 Hz - 40 kHz

Max. input
60 W (REC), 120 W (PEAK)

Input impedance
6 ohms

Dimensions (W x H x D)
182 x 206 x 237 mm

Weight
5.2 kg

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3) Windows Media is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.

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