D-F109

DRA-F109 Stereo Receiver / DNP-F109 Network Audio Player / DCD-F109 CD Player / SC-F109 Speaker System

DENON

Hi-Fi Mini Component Series with new Network Audio Player for improved sound quality and convenience

DRA-F109/DNP-F109/SC-F109

The D-F109 is a series of mini components packed with Denon Hi-Fi audio technologies that give you seriously high sound quality from a compact size of just 250 mm wide. To achieve high-quality sound, the various components of the D-F109 inherit the design concept of separate construction where the different signals cannot interfere with each other and cause noise. The sound you hear is thus beautifully clean and spacious. The DRA-F109 Stereo Receiver incorporates a 65 W + 65 W digital amplifier that not only provides a solid foundation for a powerful, dynamic sound but also allows fully digital sound processing of audio signals in digital format through the volume, tone, and other controls, to reproduce sound with minimal signal degradation and maximum clarity. The DNP-F109 Network Audio Player is equipped with Wi-Fi and networking features such as AirPlay and DLNA 1.5 so that you can play your favourite music tracks wirelessly from an iPod touch, iPhone, or iPad via AirPlay, or from a PC or HDD connected to the network. You can operate the DNP-F109 via the supplied remote control handset, or if you prefer, you can download the new Denon Remote App to your iPod touch, iPhone, or Android device and operate the DRA-F109 and DCD-F109 that way. The DCD-F109 is a CD player that plays CDs in high sound quality. The SC-F109 is a 2-way stereo speaker system with a 12 cm woofer and a 2.5 cm soft dome tweeter. These speakers produce a highly listenable, natural sound when connected to the DRA-F109.
Since the D-F109 flexibly supports individual lifestyles, you can configure your D-F109 system with the components you need for the types of music media you listen to and features you use.

DNP-F109's remote   DRA-F109's remote

cdisc DIGITAL AUDIO   MP3   WMA   RDS   RadioTEXT

.Network   last.fm   dlna CERTIFIED   WiFi CERTIFIED

Made for iPod iPhone

AirPlay

DCD-F109

Black version is also available

Features

DRA-F109 : Stereo Receiver
Serious Hi-Fi Quality Sound in compact body

- 65 W + 65 W (4 ohm) High Power Output
- ✓ Fully digital sound processing
- Simple & Straight circuit design
- ✓ Rigid construction, to eliminate noise caused by vibration
  - Double layered bottom chassis
  - Rigid heat sink
- Speaker Optimiser circuit for high quality sound with SC-F109 speaker system
- ✓ Parts rigorously selected for high sound quality through repeated listening tests
  - Custom-made coil for low pass filter
  - Selected capacitors

Ease of use

- ✓ Coaxial digital input for DNP-F109 and DCD-F109
- ✓ Optical digital input for upgrading the sound of your TV or other digital gear
- Two line FL display for easy reading, setting the alarm, and broadcasting information
- ✓ Newly developed remote control handset
- ✓ Supports convenient "System Function"
  The functions of the DCD-F109 and/or DNP-F109 can be linked by connecting these components with the supplied system cable. This gives you system-wide convenience even with separate components.

  (e.g.)
  - The DCD-F109 and DNP-F109 can both be operated using the DRA-F109's remote control handset.
  - Auto Power On function: Simply pressing the Internet Radio button or CD Play button automatically turns on power to the DCD-F109 and DNP-F109 and starts play.
  - Alarm function (Once alarm, Everyday alarm): The Alarm function can be used to turn on Internet Radio or start CD playback.

Others

- Auto-standby, to minimize power consumption
- Low power consumption in standby mode

Ports: DRA-F109

In	Coaxial digital (CD/Network)	2
	Optical digital	1
	Analog (L/R)	2
Out	Headphone jack (mini plug)	1
	Subwoofer (MONO)	1
Others	Tuner antenna FM	1
	Remote connector (Out)	1
	AC outlet (100 W)	1

Main Specifications: DRA-F109
Receiver section

Rated output	65 W + 65 W (4 ohms, 1 kHz, T.H.D. 0.7%)
	Speaker 4 – 16 ohms
	Suited for headphones/stereo headphones
Input sensitivity	200 mV/47 kohms
Tone control	S.D.B.: 100 Hz + 8 dB
	Treble 10 kHz ±10 dB
	Bass 100 Hz ±10 dB

FM section

Tuning frequency range	87.5 - 108 MHz

General

Power supply	AC 230 V, 50/60 Hz
Power consumption	48 W
Power consumption in standby mode	0.3 W
Dimentions (W x H x D)	250 x 82 x 250 mm (w/o terminals)
	250 x 82 x 283 mm
Weight	2.6 kg

DNP-F109: Network Audio Player
Enjoy digital content

- Network audio player with Wi-Fi and Ethernet connectivity
- ✓ Airplay
- Internet Radio/PC/NAS music file streaming
- Online music service, Last.fm[*1]
- ✓ WAV 192 kHz/24 bit, FLAC 192 kHz/24 bit content support
- DLNA 1.5 certified
- "Play to" from WMP12 or higher
- Direct play for iPod and iPhone via rear USB
- USB memory/USB memory player (mass storage audio support)

[*1]: Last.fm is not available in all countries.

Easy-to-Use

- ✓ Supports WMM (Wi-Fi Multimedia)[*2], for efficient transfer of audio data during streaming
- Support for Wi-Fi Protected Setup (WPS)[*3], easy connection to wireless LAN
- ✓ Build-in Diversity Antenna (Wi-Fi), to enhance communication stability
- Easy-to-read front 3 line OEL (organic electro-luminescence) display for clear and wide view
- Coaxial digital and analogue output
- ✓ Controllable with new Denon Remote App from iPhone/iPod touch, and Android
- Includes remote control handset
- Supports convenient "System Functions"

[*2] Your broadband router must support WMM for this to work.

[*3] Your broadband router must support WPS for this to work.

Others

- ✓ Battery recharge function continues to charge even during standby
- ✓ Auto-standby, to minimize power consumption
- Low power consumption in standby mode

Ports: DNP-F109

In	Coaxial digital	1
	Analog (L/R)	1
Others	Network (Ethernet)	1
	USB	1
	Remote connector (IN/OUT)	1/1
	AC outlet (100 W)	1

Analog audio section

Playable frequency range	2 Hz - 96 kHz
Playable frequency response	2 Hz - 50 kHz
	(Sampling frequency: 192 kHz)
	2 Hz - 20 kHz
	(Sampling frequency: 44.1 kHz)
S/N	110 dB (Audible Range)
Dynamic Range	98 dB (Audible Range)
Harmonic Distortion	0.0035 % (1 kHz, Audible Range)
Output Level	2.0 Vrms

Wireless LAN section

Network type (wireless LAN standards)	
	Conforming to IEEE 802.11 b
	Conforming to IEEE 802.11 g

General

Power Supply	AV 230 V, 50/60 Hz
Power consumption	16 W
Power consumption in standby mode	0.2 W
Power consumption in "Network Control" - "on" mode	6 W
Dimensions (W x H x D)	250 x 82 x 250 mm (w/o terminals)
	250 x 82 x 257 mm
Weight	2.0 kg

DCD-F109: CD Player
Serious Hi-Fi Quality Sound in compact body

- Clear and pure sound
- Minimum signal path and minimum CD pickup path, for pure sound playback
- Direct play for iPod and iPhone via rear USB
- CD-R/CD-RW playback (MP3, WMA)

Easy-to-Use

- Two line FL display for easy reading, setup
- ✓ Coaxial digital output
- Supports convenient "System Function"

Others

- ✓ Battery recharge function continues to charge even during standby
- ✓ Auto-standby, to minimize power consumption

Ports: DCD-F109

Out	Coaxial digital	1
Others	USB	1
	Remote connector (IN/OUT)	1
	AC outlet (100 W)	1

Main Specifications: DCD-F109
General

Power supply	AC 230 V, 50/60 Hz
Power consumption	25 W
Power consumption in stadby mode	0.3W
Dimensions (W x H x D)	250 x 82 x 250 mm (w/o terminals)
	250 x 82 x 264 mm
Weight	2.8 kg

SC-F109: Speaker System
Serious Hi-Fi Quality Sound

- Two way two speakers
- ✓ New 12 cm woofer
- ✓ New 2.5 cm soft dome high definition tweeter
- European Sound Tuned new speaker system

Main Specifications: SC-F109

Type	2-way, 2-speakers Relax box
Frequency	40 Hz - 40 kHz
Input impedance	6 phms
Max. input	60 W (IEC), 120 W (PEAK)
Speakers	12 cm cone bass-mid x1
	2.5 cm soft dome high range x1
Dimensions (W x H x D)	165 x 245 x 234 mm
Weight	3.8 kg/unit

*Design and specifications are subject to change without notice. *"WMA"(Windows Media Audio) is a new audio codec developed by Microsoft® in the United States of America. *"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. *"Made for iPod," and "Made for iPhone," mean that an electronic accessory has been designed to connect specifically to iPod, or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Please note that the use of this accessory with iPod, or iPhone, may affect wireless performance. *Apple is not responsible for the operation of this device or its compliance with safety and regulatory. *iPhone, iPod, iPod classic, iPod nano, iPod shuffle, iPod touch and iTunes are trademarks of Apple Inc., registered in the U.S. and other countries.

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