



MP3

WMA

RDS



## Main Unit

### ■ Simple, compact design with versatile connectivity and ease of use inherited from Denon's S series

The S-81 has been built on the design concept inherited from Denon's S-301 home theater system that was released last year and has since received considerable acclaim. This design features ease of operation combined with a visually pleasing appearance in a round form that integrates the main unit and speakers. The front panel on the main unit is made of tactile aluminum, and the control keys have been arranged in a layout that make them easy to find even for beginners. The speaker output terminals have a unique shape with easy-to-handle one-touch cable connection jacks that are color-coded for the Left and Right channels.

### ■ High-power 50W+50W digital amp

The compact body of the main unit houses a robust 50W+50W power amp. Despite its compact size, this amp reproduces music through the speakers with considerable detail and power on a rock-stable foundation. The amp also has a built-in Speaker Optimize filter circuit that takes maximum advantage of the speakers' characteristics to ensure high-grade audio reproduction from the overall system.

### ■ iPod® support

The front panel includes a port for connecting Apple Computer's iPod music player via a dedicated cable that comes with the S-81. iPod playback versatility can be expanded by connecting Denon's separately available ASD-1R iPod Control Dock to a dedicated control port and other terminals on the rear panel. With the ASD-1R, the user can enjoy not only music from the iPod but also video on a TV monitor, and the remote control unit that comes with the S-81 can be used to control the iPod.\*



\*Supports 3rd-generation and later iPods equipped with a dock connector. Some features may not work depending on the version of the software used.

### ■ Analog Music Input, for connecting a portable player

The front panel also provides a mini-jack input terminal for connecting a portable digital or analog audio player and enjoying music from the player in high sound quality.

### ■ MP3 and WMA audio files supported

The S-81 plays MP3 and WMA audio files stored on CD-R or CD-RW discs\*. Music libraries on computers or portable digital audio players can also easily be enjoyed through the S-81. The names of files, artists, and tracks are shown on the S-81's large display

\* Some discs may not be playable due to poor writing conditions or other factors.

### ■ Optical digital output terminal

### ■ Useful CD playback functions

The S-81 provides two types of playback patterns: Repeat Play, Random play and Program Play.

### ■ XM Satellite Radio Ready with optional XM Passport System\*

\*Subscription to XM services also required.

### ■ 60-station FM/AM Preset

Up to a total of 60 FM/AM stations can be preset and called up through the system remote control unit. A convenient Auto Preset Memory feature is also provided.

### ■ Handy Timers

The S-81 includes an "Everyday Timer" that automatically turns on and off the power at a preset time each day, a "Once Timer" that automatically turns on and off the power that has been preset once during the day, and a "Sleep Timer" that automatically turns off the power in a time interval that can be preset in 10-minute increments from 10 to 60 minutes.

### ■ Remote control unit with simple design

The buttons that are most often used have been arranged so that they are easy to find and operate. The other buttons are accessed by simply opening a small door.



### ■ MONO OUT terminal equipped

## Speaker System

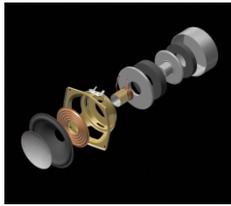
### ■ A marriage of European sound design and Denon engineering

In the history of audio, Denon speakers have been developed on a foundation of European taste from such countries as Denmark and England. The S-81's speaker system represents the result of collaboration between Denon engineers and European sound designers intimately familiar with classical music. The speakers have been tuned to produce a European sound that tastefully matches the main unit. These compact speakers have been carefully crafted with the latest technology and materials to produce a sound that is sensitive to the music.

# S-81

## Large 12-cm woofer unit with D.D.L. (Denon Double Layer) cone

The newly-developed D.D.L. (Denon Double Layer) cone has been used for the woofer diaphragm. This dual-layer diaphragm whose structure is the result of meticulous simulations is both highly rigid and light-weight and achieves a precision piston motion across the entire sonic spectrum. The ingenious structural design ensures that sympathetic vibration from the edge do not adversely affect the audio characteristics but deliver the best possible quality in sound. Improvements in top-bottom symmetry in magnetic flux distribution and other areas, together with the magnetic circuit of advanced design, bring out a deeply impressive strength of expression.



## Soft-dome tweeter

The tweeter features a 2.5-cm soft-dome diaphragm. Designed to achieve flat radiation impedance following a rigorous regimen of tests, the shape of the frame helps to produce a supple sound. A highly-magnetic, low-distortion neodymium magnet has been used in the magnetic circuitry.

## Cabinet design

Metal powder has been mixed in the speaker cabinet walls to ensure that the cabinet is not only highly rigid but also suppresses unwanted vibration. Along with enhancing the S-81's overall sense of design, the gentle shape of the cabinet contributes to a sense of presence as a Hi-Fi speaker. The speakers can be set up vertically or horizontally according to the installation of the stand, or they can be mounted on a wall using the supplied brackets. The S-81's speakers offer considerable flexibility for system set-up.

## Speaker cables with one-touch jacks and color coding for easy connection

The connectors on the speaker cables and the speaker terminals on the amp have been color coded-white for the Left channel and red for the Right-to simplify system set-up. The one-touch jacks on the cables make the connection process a snap.



## Antimagnetic design

### Main Specifications

#### Amplifier Section

Max. effective output	Front channels: 50W + 50W (4 ohms, 1 kHz, T.H.D. 10%)
Input sensitivity/impedance	320 mV/47 kohms
S/N ratio	92 dB

#### Tuner Section

Reception frequencies	FM: 87.5 - 107.9 MHz AM: 520 - 1710 kHz
Reception sensitivity	FM: 1.5 μV/75ohms (14.7 dBf) AM: 20 μV
Preset memory	Max. 60 stations

#### CD Section

Supported media	CD-DA, CD-R/RW*
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\*Some discs may not be playable due to poor writing conditions or other factors.

#### Speaker Section

Format	2 speakers, 2-way; bass reflex
Design	antimagnetic
Units	12-cm cone woofer x 1, 2.5-cm soft-dome tweeter x 1
Max. allowable input	60W (IEC), 120W (Peak)
Impedance	4 ohms

### General

Power supply	AC 120V, 60 Hz
Power consumption	45W (Standby: 0.2W in the low-power standby mode)
Dimensions	
Main unit	380 (W) x 97 (H) x 265 (D) mm (14-61/64" x 3-13/16" x 10-7/16") (Incl. feet, knobs, etc.)
Speakers	150 (W) x 269 (H) x 190 (D) mm (5-29/32" x 10-19/32" x 7-31/64") (Vertical set-up incl. stand) 230 (W) x 178 (H) x 200 (D) mm (9-2/32" x 7" x 7-28/32") (Horizontal set-up incl. stand)
Weight	Main unit: 4.1 kg (9 lbs 0.6 oz) Speakers: 3.1 kg each (6 lbs 13.4 oz)
Accessories	Remote control unit x 1, AA battery x 2, Speaker cable (approx. 5 m) x 2, iPod cable (approx. 1 m) x 1, AM loop antenna x 1, FM antenna x 1, Wall-mount bracket x 2, Screw (for wall mount) x 4, Hexagonal wrench x 1



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

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