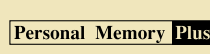
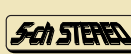


Home Theater Package with 6 Speakers and DVD Video Player

**DENON****DHT-683DVD****DHT-683DVD Home Theater Package with 6 Speakers and DVD Video Player****AV RECEIVER: AVR-683****■ Fully Discrete, Equal Power Five Amplifier Channels, 100 Watts Each**

Front 110 W + 110 W (6 ohms, 1 kHz, 0.7 %)

Center 110 W (6 ohms, 1 kHz, 0.7 %)

Surround 110 W + 110 W (6 ohms, 1 kHz, 0.7 %)

For optimum Dolby Digital and DTS reproduction, the AVR-683 features high quality, wideband audio amplification, providing 110 watts power output for each of the five main channels. A large capacity power supply includes a high current power transformer along with discrete power output devices on all five amplifier channels for highest dynamic range and superb reproduction clarity.

**■ Dolby Pro Logic II Decoder**

Enjoy 2-channel stereo recordings in stunning 5.1-channel surround playback. The Dolby Pro Logic II decoder reproduces dynamic 5.1-channel surround sound not only from normal 5.1-channel DVD but from 2-channel sources such as videos and CDs, too. Dolby Pro Logic II uses matrix decoding technology that has been dramatically improved over Pro Logic. With Pro Logic II, for instance, the Surround (Rear) channels are in stereo (only mono with Pro Logic) and playback covers the full frequency range (only up to 7 kHz with Pro Logic). These improvements let you enjoy a wide variety of 2-channel sources with the exciting effects of 5.1-channel surround sound.

**■ Dolby Digital and DTS Decoders**

Equipped with both Dolby Digital and DTS 5.1 channel decoding, the AVR-683 provides thrilling surround sound with the thousands of Dolby Digital and DTS encoded DVDs, as well as the growing library of DTS 5.1 channel music recordings available on CD.

**■ Cinema Equalizer**

The sound from movie sources recorded in Dolby Digital, DTS or other formats emphasizes high-frequency range due to a theater's front speakers being placed behind the movie screen. If this sound is reproduced in the home theater without correction, the high-frequency range is too strong. The AVR-683 features a Cinema Equalizer to correct these high-frequency components so that the sound is clearer and easier to listen to. (For Dolby Digital, Dolby Pro Logic II, and DTS surround modes)

**■ 5 Channel Stereo Mode**

DENON's popular 5 Channel Stereo mode transforms your favorite 2-channel sources such as CD, tape, stereo radio and stereo video sources into exciting surround sound, free of delay effects and unnatural artifacts, from all five speakers. This 5 Channel Stereo mode was originally developed by DENON to enhance music lovers' enjoyment of home theater ambience.

**■ Virtual Surround Mode****■ DENON DSP Surround Modes Add Listening Excitement**

Put yourself in the middle of your favorite concert hall and music environments with DENON's DSP acoustic environment simulation modes. These DSP modes add spacious surround sound enhancements to your favorite music and video sources, and include these distinctly different sounding effects:

- |                     |               |
|---------------------|---------------|
| 1. 5 Channel Stereo | 5. Video Game |
| 2. Virtual Surround | 6. Matrix     |
| 3. Rock Arena       | 7. Mono Movie |
| 4. Jazz Club        |               |

**■ Versatile Input & Output Terminals**

- Digital Optical Output
- Front Panel Inputs

**• Audio Inputs**

- 8 Sets Analog Inputs ..... CD, TUNER, DVD/VDP, TV/DBS, AUX, VCR, CDR/TAPE, V.AUX(FRONT)
- 6 Analog EXT. Input ..... FRONT L/R, CENTER, SURROUND L/R, SUBWOOFER
- 3 Sets Digital (Optical) Input..... OPTICAL X 3 (FRONT: 1)
- 1 Set Digital (Coaxial) Input..... COAXIAL X 1

**• Audio Outputs**

- 1 Set Analog PRE OUT Terminals SUBWOOFER
- 2 Sets Analog REC OUT Terminals VCR, CDR/TAPE
- 1 Set Digital (Optical) Output..... OPTICAL X 1

**• Video Inputs**

- 4 Composite Inputs ..... DVD/VDP, TV/DBS, VCR, V.AUX(FRONT)
- 3 S-Video Inputs..... DVD/VDP, TV/DBS, VCR
- 2 Sets Component Inputs..... DVD/VDP, TV/DBS

**• Video Outputs**

- 2 Composite Outputs..... VCR, MONITOR
- 2 S-Video Outputs ..... VCR, MONITOR
- 1 Set Component Output..... MONITOR

**■ Front A/B Speaker Terminals****■ High-grade Speaker Terminals (for speakers A):****■ Personal Memory Plus, for Easy Operation****■ Multi-Function Preset Memory Remote Controller****■ Acclaimed Customization Feature****■ Frequency Synthesis Tuning**

- 40-Station AM/FM Random Preset Memory Tuning
- Auto Preset Memory

**DVD VIDEO PLAYER: DVD-900**

- 24-bit, 192-kHz High Resolution Audio D/A Converters
- Progressive Scan
- Highest resolution 10-bit, 54-MHz Video D/A Conversion System
- 2 MB Buffer Memory
- Picture Zooming (x2 or x4)

During play, when you press the Zoom button on the remote control, you can enlarge the picture by 2x or 4x. Use the cursor to move the enlarged viewing area up, down, to the left, or to the right.

- Color Component Video Output
- Aspect Ratio Function for Correct Image Displays
- Wide Selection of Playback Options
- 1) Program Play, 2) Repeat Play, 3) Random Play

- Brilliant Black
- CD-R/RW (audio/MP3) Playback (\*1)
- 24/96 PCM Digital Output Capability
- PCM, Dolby Digital and DTS Digital Output
- On-screen Display
- High-class Aluminum Front Panel
- SRS True Surround
- Auto Power OFF

**Specifications****■ DVD Video Player Section****■ Video Section**

Signal system ..... NTSC  
 Disc played ..... DVD Video, Music CD, CD-R/RW (audio/MP3)  
 Video outputs ..... 1 set of Composite Video Output: 1.0 Vp-p (with 75 ohms load)  
 1 set of S-Video Output: Y; 1.0 Vp-p (with 75 ohms load), C; 0.286 Vp-p  
 1 set of Component Video Output:  
 Y, Cb/Pb, Cr/Pr:  
 Y; 1.0 Vp-p (with 75 ohms load),  
 Cb/Pb; 0.7 Vp-p (with 75 ohms load),  
 Cr/Pr; 0.7 Vp-p (with 75 ohms load)

**■ Audio Section**

Audio outputs ..... Analog Output (L/R): 2.0 Vrms  
 Optical Digital Output  
 Coaxial Digital Output

Frequency response ..... 20 Hz - 20 kHz  
 Signal-to-noise ratio ..... 110 dB  
 Dynamic range ..... 94 dB  
 Total harmonic distortion 0.005%

**■ General**

Power supply ..... AC 120 V, 60 Hz  
 Dimensions ..... 435 (W) x 75 (H) x 211 (D) mm  
 17.1" (W) x 3.0" (H) x 8.3" (D)  
 Weight ..... 2.2 kg, 4.8 lbs

**■ Power Amplifier Section**

Rated output ..... \*THD figures are power amp stage values.  
 Front ..... 110 W + 110 W (6 ohms, 1 kHz, 0.7 %)  
 80 W + 80 W (8 ohms, 20 Hz - 20 kHz, 0.08 % THD)  
 Center ..... 110 W (6 ohms, 1 kHz, 0.7 %)  
 80 W (8 ohms, 20 Hz - 20 kHz, 0.08 % THD)  
 Surround ..... 110 W + 110 W (6 ohms, 1 kHz, 0.7 %)  
 80 W + 80 W (8 ohms, 20 Hz - 20 kHz, 0.08 % THD)

**■ Preamp Section**

Input sensitivity/Impedance  
 CD, DVD/VDP, TV/DBS, VCR, CDR/TAPE,  
 V.AUX(FRONT) ..... 200 mV/47 kohms  
 Output level/Load impedance  
 SUBWOOFER ..... 1.2 V/10 kohms  
 CDR/TAPE, VCR ..... 200 mV/47 kohms  
 Frequency response ..... 10 Hz - 100 kHz (+1, -3 dB) (Tone Defeat On)  
 Signal-to noise ratio ..... 98 dB (A-weighting) (Tone Defeat On)  
 Tone control ..... Treble: ±10 dB at 10 kHz  
 Bass: ±10 dB at 100 Hz

**■ FM Section**

Tuning frequency range ..... 87.5 - 107.9 MHz  
 Usable sensitivity ..... 1.0 μV (11.2 dBf)

**■ AM Section**

Tuning frequency range ..... 520 - 1710 kHz  
 Usable sensitivity ..... 18 μV

**■ General**

Power supply ..... AC 120 V, 60 Hz  
 Power consumption ..... 3.7 A  
 Dimensions ..... 434 (W) x 147 (H) x 417 (D) mm  
 17.1" (W) x 5.8" (H) x 16.4" (D)  
 Weight ..... 10.4 kg, 22.9 lbs

**■ Speaker section**

**SC-53S** (Satellite speaker system)  
 Type ..... 2-way Acoustic Suspension  
 Magnetic shielding ..... Yes  
 Impedance ..... 6 ohms  
 Dimensions ..... 110 (W) x 175 (H) x 130 (D) mm (+9 mm grill)  
 4.3" (W) x 6.9" (H) x 5.1" (D)  
 Weight ..... 1.7 kg, 3.74 lbs

**■ SC-53C** (Center speaker system)

Type ..... 2-way Acoustic Suspension  
 Magnetic shielding ..... Yes  
 Impedance ..... 6 ohms  
 Dimensions ..... 275 (W) x 110 (H) x 130 (D) mm (+9 mm grill)  
 10.8" (W) x 4.3" (H) x 5.1" (D)  
 Weight ..... 2.8 kg, 6.16 lbs

**■ DSW-37** (Subwoofer system with built-in Amplifier)

Impedance ..... 4 ohms  
 Power supply ..... AC 120 V, 60 Hz, 60 W  
 Dimensions ..... 216 (W) x 300 (H) x 400 (D) mm  
 8.5" (W) x 11.8" (H) x 15.7" (D)  
 Weight ..... 5.5 kg, 12.1 lbs



Front panel with terminal cover.

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

\*\*Dolby, "Dolby Digital", "Pro Logic II", and the double-D device are registered trademarks of Dolby Laboratories Licensing Corporation.

\*DTS is registered trademarks of DTS Technology.

DENON ELECTRONICS  
 DIVISION OF DENON CORPORATION (USA)  
 19 CHAPIN ROAD, P.O. BOX 867, PINE BROOK, NJ 07058-9777 USA  
 TEL: 973-396-0810 www.denon.com

DENON, LTD.  
 3-16-11, YUSHIMA, BUNKYO-KU, TOKYO 113-0034, JAPAN

## Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>