

HT-S5300 7.1-Channel Home Theater Receiver/Speaker Package (with Dock for iPhone™/iPod®)

BLACK



UP-AI Dock for iPhone/iPod

The Ideal Foundation for Fully Immersive Home Entertainment

Onkyo has built a reputation for making advanced features and performance more affordable for budget-conscious fans of home entertainment. Take, as a prime example, the HT-S5300 receiver and speaker package. At the heart of this 7.1-channel system, you have an A/V receiver sporting four of the latest HDMI® 1.4 inputs—enough for all your high-def sources. HDMI 1.4 brings compatibility with 3D video—coming soon—and an Audio Return Channel. With the HT-S5300, you can also adjust settings on the fly with a handy overlaid on-screen display. The receiver offers a broad range of connectivity options, such as a front input for portable devices and a Universal Port for one-cable connection of the included Dock for iPhone/iPod. High-quality Burr-Brown DACs ensure pristine analog conversion of all digital audio sources, including HD audio formats from Dolby and DTS. And Dolby® Pro Logic® IIz gives you the option of a new height-channel set-up with the included 7.1-channel speaker package.

HT-R580 7.1-Channel Home Theater Receiver

- HDMI® (Version 1.4 to Support 3D and Audio Return Channel) with Deep Color™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC
- Audio and 1080p Video Processing via HDMI (4 Inputs and 1 Output)
- Dolby® TrueHD, DTS-HD Master Audio™, Dolby® Digital Plus, DTS-HD High-Resolution Audio™ Decoding
- Dolby® Pro Logic® IIz for New Surround Channels
- Burr-Brown 192 kHz/24-Bit DACs (PCM1690) for All Channels
- Jitter-Cleaning Circuit Technology
- Audyssey EQ™ for System Equalization
- Audyssey Dynamic Volume™
- Audyssey Dynamic EQ™ for Loudness Correction
- Powered Zone 2 and Zone 2 Line-Out for Playback of Separate Source in Another Room
- Overlaid On-Screen Display (OSD) via HDMI
- WRAT (Wide Range Amplifier Technology)
- H.C.P.S. (High Current Power Supply) Massive High-Power Transformer
- Optimum Gain Volume Circuitry
- Advanced 32-Bit Processing DSP Chip
- 4 DSP Modes for Gaming: Rock, Sports, Action, and RPG (Role Playing Game)
- Music Optimizer™ for Compressed Digital Music Files
- Direct Mode
- Double Bass Function
- CinemaFILTER™

- Non-Scaling Configuration
- A-Form Listening Mode Memory
- Theater-Dimensional Virtual Surround Function
- Universal Port for Single-Cable Connection of UP-AI Dock for iPhone/iPod or Optional Onkyo HD Radio™ Tuner
- HDTV-Capable (720p/1080i) Component Video Switching (2 Inputs and 1 Output)
- Front-Panel Audio Input for Portable Devices
- Front-Panel Auxiliary A/V Input
- 4 Digital Inputs (2 Optical and 2 Coaxial)
- 4 A/V Inputs and 1 Output
- Video Output (Monitor)
- 1 Audio Input
- Subwoofer Pre Out
- Color-Coded, Banana Plug-Compatible Speaker Posts (Except Front High or Zone 2)
- Headphone Jack
- Crossover Adjustment (40/50/60/80/100/120/150/200 Hz)
- A/V Sync Control Function (Up to 100 ms in 10 ms Steps)
- Tone Control (Bass/Treble) for Front L/R Channels
- 3-Mode Display Dimmer (Normal/Dim/Dimmer)
- 40 FM/AM Random Presets
- RIHD (Remote Interactive over HDMI) for System Control
- Compatible with RI (Remote Interactive) Dock for iPod
- Preprogrammed RI Remote Control

HTP-580 7.1-Channel Home Theater Speaker System

SKF-580 2-Way Bass Reflex Front Speakers

- 5" (12 cm) OMF Diaphragm Woofer
- 1" (2.5 cm) Balanced-Dome Tweeter
- Max. Input Power: 130 W
- Gloss-Finished Top Panel
- Magnetically Shielded

SKC-580 2-Way Bass Reflex Center Speaker

- 3 1/4" (8 cm) Cone Woofer x 2
- 1" (2.5 cm) Balanced-Dome Tweeter
- Max. Input Power: 130 W
- Gloss-Finished Side Panel
- Magnetically Shielded

SKR-580/SKB-580 Full-Range Acoustic Suspension Surround/Surround Back Speakers

- 3 1/4" (8 cm) Cone
- Max. Input Power: 130 W
- Gloss Finished

Note: All speakers feature an impedance of 6 ohms, color-coded speaker terminals and cable, and wall-mounting capability.

SKW-580 Bass Reflex Powered Subwoofer

- 10" (25 cm) Cone
- Max. Output Power: 290 W (Dynamic Power)
- Output Level Control

UP-AI Dock for iPhone/iPod

- Audio and Video Playback with iPhone/iPod
- Easy Connection via Universal Port
- Recharges iPhone/iPod

HT-S5300 7.1-Channel Home Theater Receiver/Speaker Package (with Dock for iPhone™/iPod®)

HDMI® 1.4 Support for 3D Video and Audio Return Channel

The four HDMI 1.4 inputs on the HT-S5300's A/V receiver let you simultaneously connect high-def sources such as a Blu-ray player, a gaming console, and a cable/satellite tuner. A single output then sends a pristine signal to your connected high-resolution display. As the latest version of this connector, HDMI 1.4 adds the exciting possibilities of 3D video and an Audio Return Channel. 3D video is the next big thing in home entertainment, with movie, game, and broadcast content on the increase and 3D-compatible TVs on the near horizon. This system also offers the convenience of an Audio Return Channel via HDMI. Audio content received directly by your HDTV's tuner can be sent "upstream" to the A/V receiver, without the need for a separate S/PDIF audio cable.

Dolby® Pro Logic® IIz Adds New Dimensions to Surround Sound

On the HT-S5300's A/V receiver, Dolby Pro Logic IIz enables you to incorporate two "front high" speakers into your surround-sound set-up as an alternative to the two surround back speakers. The front high channels carry ambient, non-directional audio that helps immerse you even more deeply into your movies and games.

192 kHz/24-Bit Burr-Brown DACs Improve Jitter Performance to Deliver Clearer Sound

High-quality Burr-Brown DACs (PCM1690) work to optimize analog audio performance on the HT-S5300's A/V receiver. These DACs perform advanced 24-bit signal processing and support sampling rates of up to 192 kHz, while displaying high resistance to clock jitter and offering a 113 dB dynamic range.

Convenient Overlaid On-Screen Display via HDMI

Changing your A/V receiver's settings is now more seamless than ever, thanks to Onkyo's new overlaid On-Screen Display (OSD) feature. On-screen set-up menus appear overlaid on the video image you're watching. This means you can adjust the settings immediately, without having to switch back and forth from a blank screen background.

A Suite of Audyssey Technologies for the Ideal Listening Environment

- (1) **Audyssey EQ™** automates the speaker-configuration process and employs a pre-set correction filter for each speaker, reducing the acoustic interference caused by a typical listening room.
- (2) **Audyssey Dynamic Volume™** automatically compensates for volume fluctuations in different audio content—for example, during commercial breaks—while optimizing the dynamic range.
- (3) **Audyssey Dynamic EQ™** maintains a consistent bass response, tonal balance, and surround-sound effect at different volume levels, so you can enjoy the natural dynamics of your content regardless of the volume.

SPECIFICATIONS

A/V RECEIVER

AMPLIFIER SECTION

Power Output	
Front L/R	130 W/Ch (6 ohms, 1 kHz, 1%)
Center	130 W (6 ohms, 1 kHz, 1%)
Surround L/R	130 W/Ch (6 ohms, 1 kHz, 1%)
Surround Back L/R	130 W/Ch (6 ohms, 1 kHz, 1%)

Dynamic Power	
180 W (3 ohms, Front)	
160 W (4 ohms, Front)	
100 W (8 ohms, Front)	

THD (Total Harmonic Distortion)	0.08% (Rated power)
--	---------------------

Damping Factor	60 (Front, 1 kHz, 8 ohms)
-----------------------	---------------------------

Input Sensitivity and Impedance	
200 mV/47 k-ohms (Line)	

Output Level and Impedance	
200 mV/2.2 k-ohms (Rec out)	

Frequency Response	5 Hz–100 kHz/±1 dB, -3 dB (DSP bypass)
---------------------------	--

Tone Control	
±10 dB, 50 Hz (Bass)	
±10 dB, 20 kHz (Treble)	

Signal-to-Noise Ratio	106 dB (Line, IHF-A)
------------------------------	----------------------

Speaker Impedance	6 ohms–16 ohms
--------------------------	----------------

VIDEO SECTION

Input Sensitivity/Output Level and Impedance

Video	
1.0 Vp-p/75 ohms (Component)	
0.7 Vp-p/75 ohms (Component Pb/Ca, Pr/Cr)	
1.0 Vp-p/75 ohms (Composite)	

Component Video Frequency Response	5 Hz–100 MHz/0 dB, -3 dB
---	--------------------------

TUNER SECTION

Tuning Frequency Range

FM	87.5 MHz–107.9 MHz
AM	530 kHz–1,710 kHz

FM/AM Preset Memory	40 stations
----------------------------	-------------

GENERAL

Power Supply	AC 120 V~, 60 Hz
---------------------	------------------

Power Consumption	4.9 A
--------------------------	-------

Dimensions (W x H x D)	17 1/8" x 5 15/16" x 12 15/16" (435 x 151.5 x 328.5 mm)
-------------------------------	--

Weight	19.0 lbs. (8.6 kg)
---------------	--------------------

SPEAKER SYSTEM

Speaker Type

Front	2-way, Bass reflex
Center	2-way, Bass reflex
Surround	Full-range, Acoustic suspension
Surround Back	Full-range, Acoustic suspension
Subwoofer	Bass reflex, Powered

Drivers	
Front	5" (12 cm) OMF diaphragm woofer 1" (2.5 cm) balanced-dome tweeter
Center	3 1/4" (8 cm) cone woofer x 2 1" (2.5 cm) balanced-dome tweeter
Surround/Surround Back	3 1/4" (8 cm) cone
Subwoofer	10" (25 cm) cone

Frequency Response

Front	55 Hz–50 kHz
Center	65 Hz–50 kHz
Surround/Surround Back	80 Hz–20 kHz
Subwoofer	25 Hz–150 Hz

Output Sound Pressure Level

Front	85 dB/W/m
Center	86 dB/W/m
Surround/Surround Back	81 dB/W/m

Max. Input Power

Front/Center/Surround/Surround Back	130 W
-------------------------------------	-------

Max. Output Power

Subwoofer	290 W (Dynamic power)
-----------	-----------------------

Nominal Impedance

Front/Center/Surround/Surround Back	6 ohms
-------------------------------------	--------

Input Sensitivity/Impedance

Subwoofer	140 mV/20 k-ohms
-----------	------------------

GENERAL

Dimensions (W x H x D)

Front	6 1/8" x 14 13/16" x 6 11/16" mm (155 x 375.5 x 170 mm)
Center	16 9/16" x 4 1/2" x 4 3/4" mm (420 x 115 x 121 mm)
Surround/Surround Back	4 1/2" x 9 1/16" x 3 3/4" mm (115 x 230 x 96 mm)
Subwoofer	12 1/2" x 18 1/4" x 15 11/16" mm (317.5 x 463 x 398 mm)

Weight

Front	6.0 lbs. (2.7 kg)
Center	5.3 lbs. (2.4 kg)
Surround/Surround Back	2.2 lbs. (1.0 kg)
Subwoofer	23.6 lbs. (10.7 kg)

CARTON

Dimensions (W x H x D)

	30 3/8" x 30 1/4" x 18 3/4" mm (772 x 768 x 477 mm)
--	--

Weight

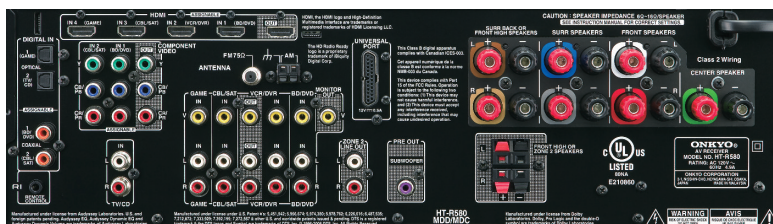
	80.5 lbs. (36.5 kg)
--	---------------------

UPC CODE

(B)	751398009488
-----	--------------

Supplied Accessories

- Indoor FM loop antenna • AM loop antenna • Speaker cable labels
- Subwoofer cable • Color-coded speaker cable • Instruction manual
- Quick start guide • Remote controller • AA (R6) batteries x 2



HT-R580

Due to a policy of continuous product improvement, Onkyo reserves the right to change specifications and appearance without notice. Manufactured under license from Dolby Laboratories. Dolby, Pro Logic, and the double-D symbol are trademarks of Dolby Laboratories. DTS is a registered trademark and the DTS logos and Symbol are trademarks of DTS, Inc. iPod is a trademark of Apple Inc., registered in the U.S. and other countries. iPhone is a trademark of Apple Inc. "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. "Works with iPhone" means that an electronic accessory has been designed to connect specifically to iPhone and has been certified by the developer to meet Apple performance standards. Manufactured under license from Audyssey Laboratories. U.S. and foreign patents pending. EQ, Dynamic EQ, and Dynamic Volume are trademarks of Audyssey Laboratories. HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. x.v.Color is a trademark of Sony Corporation. WRAT, OMF, Music Optimizer, CinemaFILTER, and Theater-Dimensional are trademarks of Onkyo Corporation. All other trademarks and registered trademarks are the property of their respective holders.

ONKYO
IMAGINATIVE SIGHT & SOUND

Onkyo Corporation 2-1 Nishin-chō, Neyagawa-shi, Osaka 572-8540, JAPAN Tel: +81-72-831-8136 Fax: +81-72-833-5222 <http://www.onkyo.com/>
Onkyo U.S.A. Corporation 18 Park Way, Upper Saddle River, N.J. 07458, U.S.A. Tel: +1-201-785-2600/800-229-1687 (Toll free) Fax: +1-201-785-2650 <http://www.onkyousa.com/>
Mexico: Representaciones de Audio, S.A. de C.V. Calle 10 No. 133 Col. Granjas San Antonio Del. Iztapalapa C.P. 09070 Mexico, D.F. MEXICO Tel: +52-55-3300-4550 Fax: +52-55-3300-4569
Brazil: Disac Comercial Ltda Av. Brígida Faria Lima, No. 1.461-Torre SUL-cj 151-154 São Paulo-SP BRAZIL CEP 01452-002 Tel: +55-11-3811-7272 Fax: +55-11-3811-7265 <http://www.disac.com.br/>