

HT-S6305

5.1-Channel Home Cinema Receiver/Speaker Package
 (with Dock for iPhone™/iPod®)



Enjoy the Convenience of Packaged Home Cinema Without Sacrificing Quality

With the HT-S6305, Onkyo offers a choice selection of today's key home cinema features in a superbly integrated and user-friendly package. Four HDMI® 1.4a inputs take care of your high-def sources and provide compatibility with upcoming 3D video content. Other inputs include a Universal Port for Onkyo peripherals and the UP-AI dock for your iPhone or iPod. Belying its status as a packaged system, the HT-S6305 brings master-quality HD audio to your living room in the form of lossless Dolby and DTS codecs. What's more, if you complement the included five-speaker set with two extra satellites, you have the option of powered audio in a second room or the immersive "front height" channels of Dolby® ProLogic® IIz. During speaker set-up, a full suite of Audyssey equalization and room-correction technologies ensure a properly balanced soundstage and an enveloping presentation. And when you need to fine-tune A/V settings on the fly, Onkyo's new overlaid on-screen display makes it easy and seamless. The bedrock underpinning it all is Onkyo's hallmark high-current power supply and precision-honed WRAT amplification.

TX-SR508 7.1-Channel Home Cinema Receiver

- 130 W/Ch at 6 Ω, 1 kHz, 1 Channel Driven, IEC
- HDMI® (Version 1.4a 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 2EQ™ for Room Acoustic Correction
- 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
- Bi-Amping Capability
- 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
- Pure Audio Mode

- Double Bass Function
- CinemaFILTER™
- Theater-Dimensional Virtual Surround Function
- Non-Scaling Configuration
- A-Form Listening Mode Memory
- Universal Port for Single-Cable Connection of Optional Onkyo Dock for iPhone/iPod or DAB+ 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
- Display Dimmer (Normal/Dim/Dimmer)
- RDS (PS/RT/PTY/TP)
- 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-638 5.1-Channel Home Cinema Speaker System

SKF-538 Full-Range Bass Reflex Front Speakers

- 8 cm Cone
- Max. Input Power: 120 W
- Gloss Finished
- Magnetically Shielded

SKC-538 Full-Range Bass Reflex Center Speaker

- 8 cm Cone
- Max. Input Power: 120 W
- Gloss Finished
- Magnetically Shielded

SKR-538 Full-Range Bass Reflex Surround Speakers

- 8 cm Cone
- Max. Input Power: 120 W
- Gloss Finished

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

SKW-501E Bass Reflex Powered Subwoofer

- 20 cm Cone
- Max. Output Power: 150 W (Dynamic power)
- Down-Firing
- 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-S6305 5.1-Channel Home Cinema Receiver/Speaker Package (with Dock for iPhone™/iPod®)

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

The four HDMI 1.4a inputs on the HT-S6305'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 1.4a 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 displays 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

Although the HT-S6305 package comprises a 5.1-channel speaker set, the included A/V receiver actually handles up to 7.1 speaker channels. By adding two optional satellite speakers, you can take advantage of the front height channels of Dolby Pro Logic IIz. These 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-S6305'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

- Audyssey 2EQ™** tailors multi-channel audio for your home cinema speaker set-up by measuring three room positions and applying a resolution filter to the satellite speakers to correct for room acoustics.
- Audyssey Dynamic Volume™** automatically compensates for volume fluctuations in different audio content—for example, during commercial breaks—while optimizing the dynamic range.
- 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 Ω, 1 kHz, 1 channel driven, IEC)
Center	130 W (6 Ω, 1 kHz, 1 channel driven, IEC)
Surround L/R	130 W/Ch (6 Ω, 1 kHz, 1 channel driven, IEC)
Surround Back L/R, Front High L/R, or Zone 2 L/R	130 W/Ch (6 Ω, 1 kHz, 1 channel driven, IEC)
Dynamic Power	
	180 W (3 Ω, Front)
	160 W (4 Ω, Front)
	100 W (8 Ω, Front)

THD (Total Harmonic Distortion)

0.08% (1 kHz, 1 W)

Damping Factor 60 (Front, 1 kHz, 8 Ω)

Input Sensitivity and Impedance

200 mV/47 kΩ (Line)

Output Level and Impedance

200 mV/2.2 kΩ (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 4 Ω–16 Ω or 6 Ω–16 Ω

VIDEO SECTION

Input Sensitivity/Output Level and Impedance

Video 1.0 Vp–p/75 Ω (Component)

0.7 Vp–p/75 Ω (Component Pa/Cs, Pr/Cs)

1.0 Vp–p/75 Ω (Composite)

Component Video Frequency Response

5 Hz–100 MHz/0 dB, -3 dB

TUNER SECTION

Tuning Frequency Range

FM 87.5 MHz–108 MHz

AM 522 kHz–1,611 kHz

530 kHz–1,710 kHz

FM/AM Preset Memory 40 stations

GENERAL

Power Supply AC 230 V~, 50 Hz

Power Consumption 450 W

Dimensions (W x H x D) 435 x 151.5 x 328.5 mm

Weight 9.4 kg

SPEAKER SYSTEM

Speaker Type

Front	Full-range, Bass reflex
Center	Full-range, Bass reflex
Surround	Full-range, Bass reflex
Subwoofer	Bass reflex, Powered

Drivers

Front	8 cm cone
Center	8 cm cone
Surround	8 cm cone
Subwoofer	20 cm cone

Frequency Response

Front	80 Hz–20 kHz
Center	80 Hz–20 kHz
Surround	80 Hz–20 kHz
Subwoofer	27 Hz–150 Hz

Output Sound Pressure Level

Front	82 dB/W/m
Center	82 dB/W/m
Surround	82 dB/W/m

Max. Input Power

Front/Center/Surround 120 W

Max. Output Power

Subwoofer 150 W (Dynamic power)

Nominal Impedance

Front/Center/Surround 6 Ω

Input Sensitivity/Impedance

Subwoofer 140 mV/20 kΩ

GENERAL

Dimensions (W x H x D)

Front	101 x 161 x 111 mm
Center	230 x 102 x 113 mm
Surround	101 x 161 x 111 mm
Subwoofer	230 x 425 x 412 mm

Weight

Front	0.8 kg
Center	0.9 kg
Surround	0.7 kg
Subwoofer	9.1 kg

CARTON

Dimensions (W x H x D) 566 x 716 x 480 mm

Weight 32.5 kg

Supplied Accessories

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



TX-SR508

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