

# HT-S5205 5.1-Channel Home Entertainment Receiver/Speaker Package

BLACK



HDMI

## A Simple Home Theatre Solution to Cover All Your Entertainment Needs

Keeping it simple is always a good idea if you've got your priorities right. And that's what you get with the HT-S5205: a typically practical home theatre solution from Onkyo. Designed to support high-definition entertainment—taking up to three different 1080p video sources—this package is the ideal complement to your HD-compatible display. A quality video experience deserves comparable audio excellence. That's why the HT-S5205 boasts a suite of technologies from Audyssey (a leading industry innovator) to give you a tailor-made surround sound experience from all your movies and broadcasts. Music is no afterthought, either. The HT-S5205's A/V receiver has a convenient front-panel input that you can use to connect your iPod or other MP3 player for playback of digital audio files.

### TX-SR307 5.1-Channel A/V Surround Home Theatre Receiver

- 100 W/Ch at 6 Ω, 1 kHz, 1 Channel Driven, IEC
- DTS®, DTS Neo:6® 5.1, DTS 96/24™, Dolby® Digital, Dolby® Pro Logic® II
- DTS Surround Sensation® Speaker Technology
- 3 HDMI™ Inputs and 1 Output for Video
- HDMI Pass-Thru\* (Version 1.3 Compatible with 1080p, Deep Color™, and x.v.Color™)
- Audyssey 2EQ™ to Correct Room Acoustic Problems
- Audyssey Dynamic Volume™ to Maintain Optimal Listening Level and Dynamic Range
- Audyssey Dynamic EQ™ for Loudness Correction
- 4 DSP Modes for Gaming: Rock, Sports, Action, and Role Playing Game (RPG)
- HDTV-Capable (720p/1080i) Component Video Switching (2 Inputs and 1 Output)
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- 192 kHz/24-Bit DACs for All Channels
- Advanced 32-Bit Processing DSP Chip
- 3 Digital Inputs (2 Optical and 1 Coaxial)
- 4 A/V Inputs and 1 Output
- Video Output (Monitor)
- 2 Audio Inputs and 1 Output
- Front-Panel Audio Input for Portable Devices

- Front-Panel Auxiliary A/V Input (for Camcorders, Game Consoles, etc.)
- Optimum Gain Volume Control Circuitry
- Music Optimizer™ for Compressed Digital Music Files
- Theater-Dimensional Virtual Surround Function
- CinemaFILTER™
- A-Form Listening Mode Memory
- Double Bass Function
- Direct Mode
- Crossover Adjustment (40/50/60/80/100/120/150/200 Hz)
- A/V Sync Control Function (Up to 100 ms in 20 ms Steps)
- Late Night Mode (High/Low/Off)
- Non-Scaling Configuration
- Subwoofer Pre Out
- Speaker A/B Drive
- Banana Plug-Compatible Speaker Posts for Front L/R Channels (Speaker A)
- Color-Coded Speaker Terminals
- 40 FM/AM Random Presets
- RDS (PS/RT/PTY/TP)
- Compatible with RI (Remote Interactive) Dock for the iPod
- Full-Function RI (Remote Interactive) Remote Control

\*A separate audio connection is necessary to process multichannel audio.

### HTP-528 5.1-Channel Home Theatre Speaker System

#### SKF-528 Full-Range Bass Reflex Front Speakers

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

#### SKC-528 Full-Range Bass Reflex Center Speaker

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

#### SKR-528 Full-Range Bass Reflex Surround Speakers

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

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

#### SKW-501 Bass Reflex Powered Subwoofer

- 20 cm Cone
- Down-Firing
- Max. Output Power: 150 W
- Auto Standby/On Circuitry

# HT-S5205 5.1-Channel Home Entertainment Receiver/Speaker Package

## HDMI™ Pass-Thru\* for Connecting up to Three Video Sources for Output to a High-Definition Display

The HT-S5205 takes up to three HDMI video inputs from sources such as Blu-ray Disc players, DVD players, gaming consoles, and set-top boxes, and delivers the output to a compatible high-definition display. Video is passed in its native resolution—right up to 1080p—from Blu-ray Disc, PlayStation® games, or HD broadcasts.

\*A separate audio connection is necessary to process multichannel audio.

## A Suite of Audyssey Technologies for the Ideal Listening Environment

The HT-S5205 has three Audyssey technologies to help create the most suitable listening environment for your home.

(1) **Audyssey 2EQ™ Room Acoustic Correction**  
Tailors multichannel audio for your home theatre by correcting problems both in frequency response and in the time domain (where most of the problems lie) for a clear, precise, and natural sound.

(2) **Audyssey Dynamic Volume™**  
Maintains the desired listening level for all content while optimizing the dynamic range.

(3) **Audyssey Dynamic EQ™ for Loudness Correction**

Solves the problem of deteriorating sound quality at lower volumes.

## Four Game Modes for More Thrilling Action

A new addition to Onkyo home theater, these four gaming modes create an experience with more realism and impact. You can select from Rock, Sports, Action, or Role Playing Game (RPG) modes to match your gaming content.

## Convenient Front-Panel Audio Input for Portable Devices

You can connect an iPod or other MP3 player to the A/V receiver's front panel for playback. Your player's compressed digital music files receive a quality boost thanks to the HT-S5205's Music Optimizer technology.

## Music Optimizer™ to Support Compressed Digital Music Files

While MP3 or AAC files may sound fine on a portable digital player, the limitations of these compressed files can be exposed when played back through a home entertainment system. Onkyo has designed onboard Music Optimizer technology to improve the quality of the compressed audio signals. Compressed music loses a substantial amount of bit information at higher frequencies, so the Music Optimizer technology works to overcome this limitation and enhance audio quality.

## SPECIFICATIONS

### A/V RECEIVER

#### Amplifier Section

<b>Power Output</b>	
Front L/R	100 W/Ch (6 Ω, 1 kHz, IEC)
Center	100 W (6 Ω, 1 kHz, IEC)
Surround L/R	100 W/Ch (6 Ω, 1 kHz, IEC)

<b>Dynamic Power</b>	160 W (3 Ω) 125 W (4 Ω) 85 W (8 Ω)
----------------------	--

<b>THD (Total Harmonic Distortion)</b>	0.08% (1 W Output)
--	--------------------

<b>Damping Factor</b>	60 (Front, 1 kHz, 8 Ω)
-----------------------	------------------------

<b>Input Sensitivity and Impedance</b>	200 mV/47 kΩ (Line)
--	---------------------

<b>Output Level and Impedance</b>	200 mV/470 Ω (Rec out)
-----------------------------------	------------------------

<b>Frequency Response</b>	20 Hz–50 kHz/+1 dB, -3 dB (Direct mode)
---------------------------	---

<b>Tone Control</b>	±10 dB, 50 Hz (Bass) ±10 dB, 20 kHz (Treble)
---------------------	---

<b>Signal-to-Noise Ratio</b>	100 dB (Line, IHF-A)
------------------------------	----------------------

<b>Speaker Impedance</b>	6 Ω–16 Ω
--------------------------	----------

#### Video Section

<b>Input Sensitivity/Output Level and Impedance</b>	
Video	1.0 Vp–p/75 Ω (Component) 0.7 Vp–p/75 Ω (Component Pa/Ca, Pb/Cb) 1.0 Vp–p/75 Ω (Composite)

<b>Component Video Frequency Response</b>	5 Hz–50 MHz (-3 dB)
---	---------------------

#### Tuner Section

<b>Tuning Frequency Range</b>	
FM	87.5 MHz–108 MHz
AM	522 kHz–1,611 kHz

<b>FM/AM Preset Memory</b>	40 stations
----------------------------	-------------

#### General

<b>Power Supply</b>	AC 230 V~, 50 Hz
<b>Power Consumption</b>	330 W
<b>Dimensions (W x H x D)</b>	435 x 151.5 x 329 mm
<b>Weight</b>	8.0 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/Center	80 Hz–20 kHz
Surround	80 Hz–20 kHz
Subwoofer	27 Hz–150 Hz

#### Output Sound Pressure Level

Front	81 dB/W/m
Center	82 dB/W/m
Surround	81 dB/W/m

#### Max. Input Power

Front/Center/Surround	120 W
-----------------------	-------

#### Max. Output Power

Subwoofer	150 W
-----------	-------

#### 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 175 x 116 mm
Center	273 x 101 x 106 mm
Surround	101 x 175 x 116 mm
Subwoofer	230 x 425 x 412 mm

##### Weight

Front	0.7 kg
Center	1.0 kg
Surround	0.7 kg
Subwoofer	9.1 kg

### CARTON

#### Dimensions (W x H x D)

Dimensions (W x H x D)	566 x 715 x 480 mm
------------------------	--------------------

#### Weight

Weight	26 kg (tentative)
--------	-------------------



TX-SR307

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 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. Manufactured under license from Audyssey Laboratories. U.S. and foreign patents pending. 2EQ, 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. x.v.Color is a trademark of Sony Corporation. 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-cho, Neyagawa-shi, Osaka 572-8540, JAPAN Tel: +81-72-831-8136 Fax: +81-72-833-5222 <http://www.onkyo.com/>  
Australia: Sole Distributor, Amber Technology Ltd. Unit B, Skyline Place, Frenchs Forest NSW 2086, Sydney, AUSTRALIA Tel: +61-2-9452-8600 Fax: +61-2-9972-7143  
<http://www.ambertech.com.au> e-mail: [consumer@ambertech.com.au](mailto:consumer@ambertech.com.au)

**Amber**  
TECHNOLOGY