

HT-S5105 5.1-Channel Home Entertainment Receiver/Speaker Package

BLACK **SILVER**


Supporting 1080p HD Video and Perfect Surround Sound at High or Low Volume

You're looking at the first Onkyo 5.1-channel receiver/speaker package to switch between three high-definition 1080p video sources for output to an HD ready display. The HT-S5105 can be partnered with any HD ready display to create an engaging home entertainment experience. On-board Audyssey 2EQ™ room-correction technology lets you get the best possible surround sound for your room's particular dimensions. A related technology, Audyssey Dynamic EQ™, ensures that you can experience a full soundscape, regardless of the volume level. This makes the HT-S5105 suitable for a range of listening environments, from cozy apartments to spacious family living rooms. The HTP-518 speaker package is gloss-finished to give the system a contemporary look that will harmonize with virtually any environment and any display.

HT-R518 5.1-Channel A/V Surround Home Theatre Receiver

- 130 W/Ch Minimum into 8 Ω, 1 kHz, 1 Channel Driven, IEC
- DTS® Neo:6 5.1, DTS® 96/24, Dolby® Pro Logic® II
- HDMI Pass-Thru* (1080p Compatible; 3 Inputs and 1 Output)
- HDMI and Component Video (720p, 1080i; 2 Inputs and 1 Output) Switching
- 4 Digital Inputs (2 Optical, 2 Coaxial)
- 3 S-Video Inputs and 2 Outputs
- 4 Composite Video Inputs and 2 Outputs
- 4 A/V Inputs and 1 Output
- 2 Audio Inputs and 1 Output
- Audyssey 2EQ to Correct Room Acoustic Problems and to Calibrate Speakers
- Audyssey Dynamic EQ for Loudness Correction
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- 192 kHz/24-Bit Audio DACs for All Channels
- WRAT (Wide Range Amplifier Technology)
- Advanced 32-Bit Processing DSP Chip
- Subwoofer Pre Out
- CinemaFILTER™
- A-Form Listening Mode Memory

- Optimum Gain Volume Circuitry
- Music Optimizer for Compressed Music Files
- Theater Dimensional Virtual Surround Function
- Double Bass Function
- Color-Coded 5.1-Multichannel Inputs (Receive 5.1 Surround Sound from Compatible Blu-ray Disc Players)
- Banana Plug-Compatible Speaker Posts
- Crossover Adjustment at 40/50/60/80/100/120/150/200 Hz for Bass Management
- A/V Synchronization Function (Up to 100 ms in 20 ms Steps)
- 40 FM/AM Radio Presets
- RDS (RT/PTY/TP/PS)
- Compatible with RI (Remote Interactive) Dock for the iPod
- Front Panel Auxiliary Input (for Camcorders, Game Consoles, etc.)
- Newly Designed Preprogrammed RI (Remote Interactive) Remote Control with Mode-Key LEDs

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

HTP-518 5.1-Channel Home Theatre Speaker System

SKF-518F 2-Way Bass Reflex Front Speakers

- 8 cm Cone Woofer
- 2.5 cm Balanced Dome Tweeter
- Max. Input Power: 130 W
- Magnetically Shielded

SKC-518C 2-Way Bass Reflex Center Speaker

- 8 cm Cone Woofer
- 2.5 cm Balanced Dome Tweeter
- Max. Input Power: 130 W
- Magnetically Shielded

SKM-518S Full-Range Bass Reflex Surround Speakers

- 8 cm Cone
- Max. Input Power: 130 W

Note: All speakers are gloss finished. They also feature an impedance of 8 Ω, color-coded speaker terminals and cable, wall-mounting capability.

SKW-518 Bass Reflex Powered Subwoofer

- 20 cm Cone
- Max. Power: 90 W
- Down-firing
- Output Level Control

HT-S5105

5.1-Channel Home Entertainment Receiver/Speaker Package

Connecting Up to Three HDMI-Enabled Sources for HDMI Pass-Thru*

With three HDMI inputs and one output, the HT-R518 receiver is perfect for linking multiple HDMI-enabled sources to a high-definition display. With HDMI as the video conduit, the HT-R518 will effortlessly transport and enable the full potential of Blu-ray Disc, standard DVD video, HD broadcasts and gaming. HDMI will deliver 720p, 1080i and 1080p video signals from up to three sources for a single connection direct to your HD ready TV. Its 1080p pass-thru capability is perfect for enabling the highest possible video resolution.

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

Correcting Room Distortion and Loudness with Audyssey 2EQ™ and Audyssey Dynamic EQ

The HT-S5105 uses Audyssey 2EQ to counter distortion created by walls, furniture, and other objects. This technology detects speaker distance and then sets levels, delays, and crossovers, while also measuring room acoustics. Compared to one-position room correction systems, Audyssey 2EQ covers a much wider listening area. Moreover, it corrects problems in both frequency response and time domain (where most of the problems lie) across the entire listening area. The results are immediately obvious—a clear, well-balanced and natural sound.

After 2EQ calibration, Audyssey Dynamic EQ solves the problem of deteriorating sound quality at lower volumes. When volume is reduced on a standard home theatre receiver, the bass disappears, voices change, and the surround soundstage becomes less enveloping. As volume is adjusted on the HT-R518 receiver, however, Dynamic EQ selects the best possible frequency response and surround levels moment-by-moment, resulting in an ideal listening experience at any volume level.

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 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.

Speaker Package with Gloss Finish and Easy Wall Mounting

The HTP-518 speaker system's compact, contemporary design is an ideal match for flat-screen displays. The gloss finish of the speakers (except for the subwoofer) accentuates the minimalist styling of today's displays. What's more, the speakers are compatible with 4-axis tilt mounts.

Fully Compatible with the iPod Through the Onkyo RI Docks

The ubiquitous iPod has revolutionized how we listen to and store our music. With an Onkyo RI Dock (sold separately), you can integrate virtually any iPod model with your home theatre system. Using the dock also gives you additional functionality when connected through Onkyo's RI (Remote Interactive) system.

SPECIFICATIONS

RECEIVER SECTION

AMPLIFIER SECTION

Power Output	
Front L/R	130 W/Ch (8 Ω, 1 kHz, 1 Channel Driven, IEC)
Center	130 W (8 Ω, 1 kHz, 1 Channel Driven, IEC)
Surround	130 W/Ch (8 Ω, 1 kHz, 1 Channel Driven, IEC)
Dynamic Power	
	210 W (3 Ω, front)
	190 W (4 Ω, front)
	130 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

Tone Control ±10 dB, 50 Hz (Bass)

±10 dB, 20 kHz (Treble)

Signal-to-Noise Ratio 100 dB (Line, IHF-A)

Speaker Impedance 8 Ω–16 Ω

VIDEO SECTION

Input Sensitivity/Output Level and Impedance

Video 1.0 Vp-p/75 Ω (Component and S-Video Y)

0.7 Vp-p/75 Ω (Component Pb/Cs, Pr/Cs)

0.28 Vp-p/75 Ω (S-Video C)

1.0 Vp-p/75 Ω (Composite)

Component Video Frequency Response

5 Hz–50 MHz, -3 dB

TUNER SECTION

Tuning Frequency Range

FM 87.5 MHz–108 MHz

AM 522 kHz–1,611 kHz

FM/AM Preset Memory 40 stations

GENERAL

Power Supply AC 230 V, 50 Hz

Power Consumption 390 W

Dimensions (W x H x D) 435 x 150 x 379.5 mm

Weight 10.4 kg

SPEAKER SECTION

Speaker Type

Front/Center 2-way, bass reflex
Surround Full-range, bass reflex
Subwoofer Bass reflex

Drivers

Front 8 cm cone woofer,
2.5 cm balanced-dome tweeter
Center 8 cm cone woofer,
2.5 cm balanced-dome tweeter
Surround 8 cm cone
Subwoofer 20 cm cone

Frequency Response

Front 60 Hz–50 kHz
Center 60 Hz–50 kHz
Surround 70 Hz–22 kHz
Subwoofer 27 Hz–150 Hz

Output Sound Pressure Level

Front 78 dB/W/m
Center 78 dB/W/m
Surround 79 dB/W/m

Max. Input Power

Front/Center/Surround 130 W

Max. Output Power

Subwoofer 90 W

Nominal Impedance

Front/Center/Surround 8 Ω

Input Sensitivity/Impedance

Subwoofer 140 mV/20 kΩ

GENERAL

Dimensions (W x H x D)

Front 101 x 273 x 121 mm
Center 273 x 101 x 106 mm
Surround 101 x 175 x 116 mm
Subwoofer 230 x 425 x 383 mm

Weight

Front 1.1 kg
Center 1.1 kg
Surround 0.7 kg
Subwoofer 9.4 kg

CARTON

Dimensions (W x H x D) 569 x 707 x 515 mm

Weight 30 kg



HT-R518

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