

HT-SR800 Home Entertainment 7.1-Channel Receiver/Speaker Package

SILVER **BLACK**


Neatly Covering All A/V Formats, Precisely Tailored for Your Home

When it comes to all-in-one home theatre, the HT-SR800 has made a clean break from the pack. You're looking at packaged home theatre that neatly integrates your high-definition entertainment and your HDTV through an HDMI channel that transports video with a resolution all the way up to 1080p. Aply supported by component video switching, the HT-SR800 will handle most of the A/V components or formats currently available, as well as the spectacular quality of high-definition discs. Also, reinforcing the convenience of matched components, this package is the first on the block to use Audyssey 2EQ™/HTIB room-correction technology specifically designed for integrated systems. The options—such as iPod integration—can really extend your reach, making the HT-SR800 one of the more complete packages available.

HT-R550 7.1-Channel A/V Surround Home Theatre Receiver

- 160 W/Ch, Minimum into 8 Ω, 1 kHz, 1 Channel Driven, JEITA
- 130 W/Ch, Minimum into 8 Ω, 1 kHz, 1 Channel Driven, IEC
- 110 W/Ch, Minimum into 8 Ω, 1 kHz, 2 Channels Driven, FTC
- DTS*, DTS* 96/24, DTS-ES* Discrete/Matrix, DTS* Neo:6 Decoding
- Dolby® Digital, Dolby® Digital EX, Dolby® Pro Logic® IIx Decoding
- VRAT (Wide Range Amplifier Technology)
- Optimum Gain Volume Circuitry
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- 192 kHz/24-Bit DACs for All Channels
- 32-Bit Processing DSP Chip
- HDMI Pass-Thru (1080p Compatible; 2 Inputs and 1 Output)*
- HDTV-Capable (50 MHz) Component Video Switching (3 Inputs/1 Output)
- 4 Digital Inputs (2 Optical/2 Coaxial)
- 3 S-Video Inputs and 2 Outputs
- A-Form Listening Mode Memory
- Non-Scaling Configuration
- Late Night Mode (High/Low/Off)
- Pure Audio Mode

- CinemaFILTER™
- Double Bass Function
- Tone Control (Bass/Treble) for Front L/R Channels
- Direct Mode
- Speaker A/B Drive
- Color-Coded 7.1-Multichannel Inputs (Receive 7.1 Surround Sound from Compatible Blu-ray and HD-DVD Players)
- Color-Coded Speaker Terminals
- 40 FM/AM Random presets
- Audyssey 2EQ/HTIB Technology to Correct Room Acoustic Problems and to Calibrate Speakers
- Crossover Adjustment (40/50/60/80/100/120/150/200 Hz) for Bass Management
- Compatible with the RI (Remote Interactive) Dock for the iPod
- A/V Synchronization Function (Up to 100 ms in 20 ms Steps)
- Headphone Jack
- Preprogrammed RI (Remote Interactive) Remote Control

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

HTP-550 7.1-Channel Home Theatre Speaker System

SKF-550F 2-Way Bass Reflex Front Speakers

- 12 cm OMF Diaphragm Cone Woofer x 2
- 2.5 cm Balanced-Dome Tweeter
- Frequency Response: 60 Hz–50 kHz
- Max. Input Power: 130 W
- Magnetically Shielded

SKC-550C 2-Way Bass Reflex Center Speaker

- 12 cm OMF Diaphragm Cone Woofer x 2
- 2.5 cm Balanced-Dome Tweeter
- Frequency Response: 60 Hz–50 kHz
- Max. Input Power: 130 W
- Magnetically Shielded

SKM-550S/SKB-550 Full-Range Acoustic-Suspension Surround/Surround Back Speakers

- 8 cm Cone
- Frequency Response: 160 Hz–20 kHz
- Max. Input Power: 130 W

Note: All speakers feature an impedance of 8 ohms, a maximum input power rating of 130 W, color-coded speaker terminals and speaker cable.

SKW-550 Bass Reflex Powered Subwoofer

- Built-in 230 W Amplifier
- Auto-Standby/On Circuitry
- Output Level Control
- 25 cm Cone Woofer
- Line Level Input
- Frequency response: 25 Hz–150 Hz



HT-SR800 Home Entertainment 7.1-Channel Receiver/Speaker Package

HDMI Pass-Thru* for the Leading Hi-Def Displays and Media

With two HDMI inputs and one output, the HT-SR800 is the perfect complement for high-definition displays and media. With HDMI as the video conduit, the HT-SR800 will effortlessly transport and enable the full potential of Blu-ray, HD-DVD, DVD, HD broadcasts and gaming. HDMI will deliver 720p, 1080i and 1080p video signals from two sources for one connection direct to your HDTV. Its 1080p pass-thru capability is perfect for getting the highest possible video resolution from PlayStation® 3 and dedicated Blu-ray Disc and HD-DVD players.

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

Component Video Switching (50 MHz) with HDTV Connectivity

Giving you even more integration, the HT-SR800 will take up to three of the latest A/V components—including DVRs and the latest gaming consoles—connected simultaneously for one component video output to an HDTV.

Wide Range Amplifier Technology (WRAT) Providing Amplification Backbone

Without a time-tested amplifier design and precise digital-to-analog conversion process, the most advanced processing features cannot deliver a higher standard of audio from the latest high-definition video and audio formats. WRAT is based on three key factors: (1) A low negative-feedback design for cleaner audio across the frequency range; (2) Closed ground-loop circuits to cancel individual circuit noise and keep the ground potential free of distortion; and (3) A High Instantaneous-Current Capability to handle speaker reflex energy and impedance fluctuations. WRAT will bring the best out of movie, music, broadcast and gaming sources.

Audyssey 2EQ/HTIB for the Ideal Loudspeaker Response

Sound from your loudspeakers is affected by walls, furniture and other objects in your room, creating peaks and dips at different frequencies. To counter this, Audyssey (in collaboration with Onkyo) has developed the first in its combination of room-correction technologies specifically designed for home theatre packages. Audyssey 2EQ/HTIB works by combining speaker calibration with room correction to deliver optimally tuned sound for affordable home theatre packages. First, the speakers are pre-calibrated to optimize the speaker system. Then 2EQ performs room correction to remove distortion, thereby creating the perfect match between the speakers and your room. The end result is an ideal loudspeaker response that ensures your movies and music sound exactly as they should.

7.1 Speaker System with Fine-Tuning Capabilities

These speakers can easily handle the most dynamic film soundtracks and provide good music reproduction as well. Given the low-frequency energy requirements of home theatre, the package is anchored around its 230 W bass amplification. The front, center and surround speakers provide the dynamic range and the ability to handle demanding audio signals.

Fully Compatible with the iPod Family via Onkyo RI Docks

The ubiquitous iPod continues to revolutionize modern media. By connecting the HT-SR800 with

either of Onkyo's RI Docks, you can integrate most iPod models into your home theatre system. You'll also be able to take advantage of Onkyo's Remote Interactive (RI) system for greater iPod control through your remote.

SPECIFICATIONS

RECEIVER SECTION

AMPLIFIER SECTION

Power Output	
Front L/R	160 W + 160 W (8 Ω, 1 kHz, 1 channel driven, JEITA) 130 W + 130 W (8 Ω, 1 kHz, 1 channel driven, IEC)
Center	110 W + 110 W (8 Ω, 1 kHz, 2 channels driven, FTC) 160 W (8 Ω, 1 kHz, 1 channel driven, JEITA) 130 W (8 Ω, 1 kHz, 1 channel driven, IEC)
Surround L/R	110 W + 110 W (8 Ω, 1 kHz, 2 channels driven, FTC) 160 W + 160 W (8 Ω, 1 kHz, 1 channel driven, JEITA) 130 W + 130 W (8 Ω, 1 kHz, 1 channel driven, IEC)
Surround Back L/R	110 W + 110 W (8 Ω, 1 kHz, 2 channels driven, FTC) 160 W + 160 W (8 Ω, 1 kHz, 1 channel driven, JEITA) 130 W + 130 W (8 Ω, 1 kHz, 1 channel driven, IEC)
Dynamic Power	
	210 W (3 Ω, 1 ch) 190 W (4 Ω, 1 ch) 130 W (8 Ω, 1 ch)
THD (Total Harmonic Distortion)	
	0.9% (Rated Power)
Damping Factor	
	60 (Front, 1 kHz, 8 Ω)
Input Sensitivity and Impedance	
	200 mV/47 kΩ (Line)
Output Level and Impedance	
	200 mV/470 Ω (Rec out)
Frequency Response	
	5 Hz–100 kHz +1 dB, -3 dB (Direct mode)
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/Cb, Pr/Cr) 0.28 Vp-p/75 Ω (S-Video C, Pr/Cr) 1.0 Vp-p/75 Ω (Composite)
Component Video Frequency Response	
	5 Hz–50 MHz

TUNER SECTION

Tuning Frequency Range	
FM	87.5 MHz–108.0 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	670 W
Standby Power Consumption	0.5 W
Dimensions (W x H x D)	435 x 150 x 377 mm
Weight	10.2 kg

SPEAKER SECTION

Speaker Type	
Front/Center	2-way, bass reflex
Surround/Surround Back	Full-range, acoustic-suspension
Subwoofer	Bass reflex powered
Drivers	
Front/Center	12 cm OMF diaphragm woofer x 2, 2.5 cm balanced-dome tweeter
Surround/Surround Back	8 cm full-range cone
Subwoofer	25 cm cone
Frequency Response	
Front/Center	60 Hz–50 kHz
Surround/Surround Back	160 Hz–20 kHz
Subwoofer	25 Hz–150 Hz
Output Sound Pressure Level	
Front/Center	87.5 dB/W/m
Surround/Surround Back	82 dB/W/m
Max. Input Power	
Front/Center/Surround/ Surround Back	130 W
Max. Output Power	
Subwoofer	230 W
Nominal Impedance	
Front/Center/Surround/ Surround Back	8 Ω
Input Sensitivity/Impedance	
Subwoofer	140 mV/20 kΩ

CARTON

Dimensions (W x H x D)	779 x 794 x 512 mm
Weight	45.0 kg



Due to a policy of continuous product improvement, Onkyo reserves the right to change specifications and appearance without notice. Dolby, Pro Logic, Surround EX and the double-D symbol are trademarks of Dolby Laboratories. DTS, DTS-ES Extended Surround, DTS 96/24 and Neo:6 are trademarks of Digital Theater Systems, Inc. Manufactured under license from Audyssey Laboratories. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. iPod is a trademark of Apple Inc., registered in the U.S. and other countries. CinemAFILTER and Theater Dimensional are trademarks of Onkyo Corporation. All other trademarks and registered trademarks are the property of their respective holders.

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