

HT-S6505 5.1-Channel Network A/V Receiver/Speaker Package



Integrated Home Entertainment Never Sounded Better

In the market for a great-sounding 5.1-channel system that won't cost the earth, but will let you play internet- and PC-based audio as well as movies and games? This is the package for you. With wireless-capable networking bringing music from cloud to lounge via Spotify and MP3tunes, and easy access to internet radio as well as your PC-based music library, your biggest problem will be deciding what to listen to next. There's abundant connectivity, with six HDMI® inputs—plus one output with ARC—to handle Dolby® TrueHD, DTS-HD Master Audio™, and 3D video formats. A frontside USB port provides a clean digital link to your iPod or iPhone, while a Zone 2 line-out supports multi-room audio. An HDMI-enabled on-screen display makes in-program setting adjustment quick and easy, while Audyssey's 2EQ system optimizes sound during the initial set-up. InstaPrevue™ technology, meanwhile, shows thumbnail videos of what's playing on compatible HDMI-connected devices. A compact six-piece speaker set including heavy-hitting subwoofer rounds out this high value package.

HT-R758

5.1-Channel Network A/V Receiver

- 130 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC); 160 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA)
- HDMI® Support for 3D, Audio Return Channel, DeepColor™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC
- 6 HDMI Inputs and 1 Output
- Dolby® TrueHD, DTS-HD Master Audio™, Dolby® Digital Plus, DTS-HD High-Resolution Audio™ Decoding
- Direct Digital Connection of iPod/iPhone via Front-Panel USB Port
- Picture-in-Picture Input Source Preview with InstaPrevue™ Technology
- Internet Radio and Cloud Music Streaming Service Connectivity (Last.fm, MP3tunes, Spotify, AUPEO!, vTuner)^{*1}
- Playback of Audio Files Through Local Network (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, LPCM)
- Supports Onkyo Remote Apps for iPod touch/iPhone^{*2} and Android Phone^{*3}
- WRAT (Wide Range Amplifier Technology)
- Discrete Output Stage Circuitry
- Overlaid On-Screen Display (OSD) via HDMI
- Set-Up Menu for Quick Access to Frequently Used Settings
- Zone 2 Line-Out for Distributed Audio Playback in Another Room
- Audyssey 2EQ for Room Acoustic Correction
- Audyssey Dynamic EQ® for Loudness Correction
- Audyssey Dynamic Volume® to Maintain Optimal Listening Level and Dynamic Range
- TI Burr-Brown 192 kHz/24-Bit DACs for All Channels

- PLL (Phase Locked Loop) Jitter-Cleaning Circuit Technology for S/PDIF Audio
- 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
- Advanced Music Optimizer for Compressed Digital Music Files
- Theater-Dimensional Virtual Surround Function
- CinemaFILTER™
- Direct Mode
- Mass Storage Class USB Memory Playback Capability
- HDTV-Capable (720p/1080i) Component Video Switching (2 Inputs and 1 Output)
- 5 Composite Video Inputs (1 Front/4 Rear) and 1 Output
- 4 Digital Audio Inputs (2 Optical and 2 Coaxial)
- 6 Analog Audio Inputs (1 Front/5 Rear)
- Color-Coded, Banana Plug-Compatible Speaker Posts
- Crossover Adjustment (40/50/60/70/80/90/100/120/150/200 Hz)
- A/V Sync Control (Up to 400 ms at 48 kHz)
- Tone Control (Bass/Treble) for Front L/R Channels
- 3-Mode Display Dimmer (Normal/Dim/Dimmer)
- RDS (PS/RT/PTY/TP) (European Model Only)
- 40 FM/AM Random Presets
- RIHD (Remote Interactive over HDMI) for System Control
- Compatible with RI (Remote Interactive) Dock for iPod/iPhone
- Full-Function RI Remote Control

*1 Availability of services depends on region. Some services may require a firmware update. *2 Compatible with iPod touch (3rd generation or later) and iPhone 3GS or later. All models require iOS 4.2 or later. *3 Requires Android OS 2.1 or later.

HTP-658

5.1-Channel Home Cinema Speaker System

- SKF-558 Full-Range Bass Reflex Front Speakers
 - 8 cm Cone
 - Max. Input Power: 120 W
 - Gloss Finished
 - Wall-Mounting Capability
- SKC-391C Full-Range Acoustic Suspension Center Speaker
 - 8 cm Cone x 2
 - Max. Input Power: 120 W
 - Gloss Finished
 - Magnetically Shielded
 - Wall-Mounting Capability
- SKR-558 Full-Range Bass Reflex Surround Speakers
 - 8 cm Cone
 - Max. Input Power: 120 W
 - Gloss Finished
 - Wall-Mounting Capability
- SKW-658 Bass Reflex Powered Subwoofer
 - 20 cm Cone
 - Rated Output Power: 80 W (Minimum Continuous Power, 4 Ω, 100 Hz, IEC)
 - Energy-Saving Power Amplifier
 - Down-Firing

Note: All speakers feature an impedance of 6 Ω and color-coded speaker terminals.



HT-S6505 5.1-Channel Network A/V Receiver/Speaker Package

Wireless Cloud Streaming, Internet Radio, and PC-Based Music

Connecting to your home network wirelessly via a UWF-1 Wireless LAN Adapter (sold separately), or using a standard LAN cable, the HT-S6505 makes streaming audio and internet radio easy. You can also play MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, and LPCM audio files stored on your PC through your Onkyo home cinema system with stunning power and fidelity. The receiver offers easy access to internet radio channels from Last.fm and vTuner, plus cloud-based music streaming from Spotify, AUPEO!, and MP3tunes*.

*Availability of services depends on region. Some services may require a firmware update.

Audio Return Channel and 3D Video via HDMI®

Six HDMI inputs on the HT-S6505's receiver allow seamless integration of high-definition devices such as Blu-ray players, cable/satellite tuners, and gaming consoles. HDMI implementation on this receiver also supports an Audio Return Channel, allowing TV audio to be sent upstream to the A/V receiver. That means you can enjoy television programs in magnificent Onkyo sound. HDMI also supports 3D video and other popular high-resolution formats.

InstaPrevue™ Technology Makes Switching Sources Easy

The HT-S6505 incorporates InstaPrevue visual port management technology, making input source selection much easier. InstaPrevue technology provides a live video thumbnail of the available content on your devices connected via HDMI. You no longer have to remember that your gaming console is connected to Port 3, or your Blu-ray player to Port 1, for example—you can see what's playing and choose accordingly.

Direct Digital iPod/iPhone Connection for Cleaner Sound

The receiver's front-panel USB port lets you play MP3 and AAC stored on an iPod/iPhone, and MP3, WMA, AAC, and FLAC audio files stored on a flash-memory device using the system's own remote for track selection and playback. Your music will also sound much cleaner and clearer, as the audio signal is transported in digital form (rather than analog) via the direct digital connection.

Onkyo Remote Apps for iPod touch/iPhone and Android Phone

The Onkyo Remote App 2 for iPod touch/iPhone*1 and Onkyo Remote for Android phone*2 both provide an intuitive way to operate Onkyo network A/V receivers. Control input sources, adjust settings, and play audio stored in a smartphone wirelessly (Android phone only) using the application's interactive graphical display. The two Remote Apps are available separately as free downloads.

*1 Compatible with iPod touch (3rd generation or later) and iPhone 3GS or later. All models require iOS 4.2 or later. *2 Requires Android OS 2.1 or later.

Overlaid On-Screen Display with Quick Set-Up Menu

The receiver's HDMI-enabled On-Screen Display (OSD) makes initial set-up and in-program calibration very easy. The 'Q' button on your remote overlays a 'Quick Setup' menu on the program you're watching. This handy shortcut includes the most frequently used settings, and helps you optimize your home cinema's performance with the minimum of disruption. The 'Home' button accesses standard set-up menus for more detailed adjustment.

Audyssey Technologies Optimize Home Cinema Performance

The HT-S6505 comes equipped with three sound-enhancing Audyssey technologies.

(1) **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.

(2) **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.

(3) **Audyssey Dynamic Volume®** automatically compensates for volume fluctuations in different audio content—for example, during commercial breaks—while optimizing the dynamic range.

Quality Speakers for Quality Sound

A carefully matched Onkyo speaker set delivers clear, dynamic audio reproduction. Wall-mountable bass reflex front and rear speakers feature powerful 8 cm drivers for excellent mid-range response. The curved, gloss-finished center speaker boasts twin 8 cm drivers, and the cabinet is magnetically shielded to prevent unwanted electrical interference. A powered 80 W subwoofer lends impact to games, movies, and music, yet is energy efficient, drawing 80 percent less power than the 2011 model.

SPECIFICATIONS

A/V RECEIVER

Amplifier Section

Power Output

Front L/R	130 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC)
	160 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, JETA)
Center	130 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC)
	160 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, JETA)
Surround L/R	130 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC)
	160 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, JETA)
Surround Back L/R	130 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC)
	160 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, JETA)

Dynamic Power

	180 W (3 Ω, Front)
	160 W (4 Ω, Front)
	100 W (8 Ω, Front)

THD+N (Total Harmonic Distortion + Noise)

	0.08% (20 Hz–20 kHz, Half Power)
--	----------------------------------

Damping Factor

	60 (Front, 1 kHz, 8 Ω)
--	------------------------

Input Sensitivity and Impedance

	200 mV/47 kΩ (Line)
--	---------------------

Rated RCA Output Level and Impedance

	200 mV/2.2 kΩ (Line Out)
--	--------------------------

Maximum RCA Output Level and Impedance

	2.0 V/2.2 kΩ (Line 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	100 dB (Line, IHF-A)
Speaker Impedance	6 Ω – 16 Ω

Video Section

Input Sensitivity/Output Level and Impedance

Video	1.0 Vp–p/75 Ω (Component Y) 0.7 Vp–p/75 Ω (Component Pb/Cb, Pr/CR) 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	400 W
Standby Power Consumption	0.2 W
Dimensions (W x H x D)	435 x 173.5 x 328 mm
Weight	9.0 kg

SPEAKER SYSTEM

Speaker Type

Front	Full-Range, Bass Reflex
Center	Full-Range, Acoustic Suspension
Surround	Full-Range, Bass Reflex
Subwoofer	Bass Reflex, Powered

Drivers

Front	8 cm Cone
Center	8 cm Cone x 2
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	81 dB/W/m
Center	84.5 dB/W/m
Surround	81 dB/W/m

Max. Input Power

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

Rated Output Power

Subwoofer	80 W (Minimum Continuous Power, 4 Ω, 100 Hz, IEC)
-----------	---

Nominal Impedance

Front/Center/Surround	6 Ω
-----------------------	-----

Input Sensitivity/Impedance

Subwoofer	440 mV/20 kΩ
-----------	--------------

General

Dimensions (W x H x D)	101 x 175 x 116 mm 240 x 102 x 121 mm 101 x 175 x 116 mm 230 x 425 x 410 mm
Weight	0.7 kg 1.3 kg 0.7 kg 7.7 kg

CARTON

Dimensions (W x H x D)	566 x 768 x 515 mm
Weight	26.0 kg

Supplied Accessories

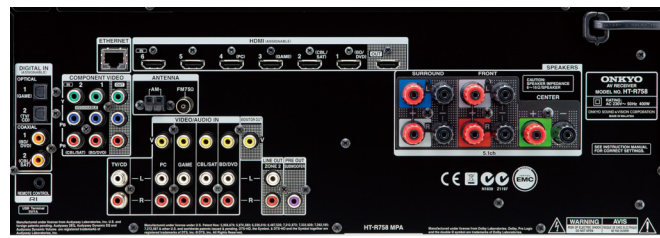
- Indoor FM Antenna • AM Loop Antenna
- Color-Coded Speaker Cables • Subwoofer Cable
- Speaker Set-Up Microphone • Instruction Manual
- Quick Start Guide • Remote Controller • AA (R6) Batteries* x 2

*Not included with Chinese model.

HT-R758



Front View



Rear View

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, DTS-HD, the Symbol, & DTS or DTS-HD and the Symbol together are registered trademarks of DTS, Inc. © DTS, Inc. All rights reserved. Manufactured under license from Audyssey Laboratories, Inc. U.S. and foreign patents pending Audyssey 2EQ, Audyssey Dynamic EQ, and Audyssey Dynamic Volume are registered trademarks of Audyssey Laboratories, Inc. 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. iPhone, iPod, iPod classic, iPod nano, iPod shuffle, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. "Made for iPod" and "Made for iPhone" mean that an electronic device has been designed to connect specifically to iPod or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this device with iPod or iPhone may affect wireless performance. Android is a trademark of Google Inc. InstaPrevue and the InstaPrevue logo are trademarks or registered trademarks of Silicon Image, Inc. in the United States and other countries. xv.Color is a trademark of Sony Corporation. WRAT, 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 Sound & Vision Corporation 2-1 Nishin-cho, Neyagawa-shi, Osaka 572-8540, JAPAN <http://www.onkyo.com/>
 Onkyo Europe Electronics GmbH Liegertstrasse 6, 82194 Grobenzell, GERMANY Tel: 49-8142-4401-0 Fax: 49-8142-4401-555 <http://www.eu.onkyo.com/>
 Onkyo Europe Electronics GmbH (UK Branch) The Coach House, 81A High Street, Marlow, Buckinghamshire SL7 1AB, UNITED KINGDOM Tel: +44(0)1628-473350 Fax: +44(0)1628-401700
<http://www.onkyo.co.uk/>
 Onkyo China Limited Unit 1033, 10/F., Star House, No. 3, Salisbury Road, Tsim Sha Tsui, Kowloon, Hong Kong, CHINA Tel: 852-2429-3118 Fax: 852-2428-9039 <http://www.onkyochina.com/>