

HT-S3700 5.1-Channel Home Theater Receiver/Speaker Package



Transform Your Entertainment with Authentic 5.1-Channel Sound

It's powerful, it's loaded with the latest connections, and it's ready to launch you on a high-resolution sonic adventure. The HT-S3700 has everything needed to supercharge music, movies, and games. Dynamic high-current amplification has muscle to fill rooms with clean and punchy sound, while top-quality 192 kHz/24-bit D/A conversion from TI Burr-Brown smoothly handles the Dolby® TrueHD and DTS-HD Master Audio™ soundtracks featured on Blu-ray Disc. There are six of the new 4K/60 Hz HDMI® inputs to connect all your media players and gaming consoles, an HDMI output with ARC to add surround sound to broadcast TV, and DSP-optimized Bluetooth for wireless music streaming from smartphone, tablet, or laptop. With the stylish full-range speakers and subwoofer hooked up, you'll find your new home theater is easy to use thanks to overlaid setup menus and selectable listening modes for different types of content. Don't be let down by a lightweight solution for boosting flat-screen sound—the compact Onkyo HT-S3700 package has serious hi-fi credentials with convenience and features you can't beat at this price.

HT-R393

5.1-Channel Home Theater Receiver

- 100 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC); 120 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA)
- HDMI® Support for 4K/60 Hz Video, 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 for 4K/60 Hz Ultra HD Entertainment
- Bluetooth Version 2.1 + EDR Capability (Compatible Profile: A2DP v1.2, AVRCP v1.3)
- Advanced Music Optimizer to Improve Compressed Digital Audio Quality (Now Including Bluetooth)
- USB Port for Mass Storage Class USB Memory Audio Playback Capability (MP3, FLAC, WAV, Ogg Vorbis, Apple Lossless, DSD)
- Zone 2 Line-Out for Distributed Audio Playback in Another Room
- Input Source Preview with InstaPrevue™ Technology
- Phase-Matching Bass Boost for Powerful Bass and Clear Mid-Range Sound
- WRAT (Wide Range Amplifier Technology) High-Current Amplification with Discrete Output Stage Circuitry
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- TI Burr-Brown 192 kHz/24-Bit DACs for All Channels
- PLL (Phase Locked Loop) Jitter-Cleaning Circuit Technology for S/PDIF Audio

- Advanced 32-Bit Processing DSP Chip
- Overlaid On-Screen Display (OSD) via HDMI
- 4 DSP Modes for Gaming: Rock, Sports, Action, and RPG
- Theater-Dimensional Virtual Surround Function
- CinemaFILTER™
- Direct Mode
- Double Bass Function
- Non-Scaling Configuration
- A-Form Listening Mode Memory
- Quick Set-up Menu for Easy Access to Frequently Used Settings
- HDTV-Capable (720p/1080i) Component Video Switching (1 Input and 1 Output)
- 4 Composite Video Inputs (1 Front/3 Rear) and 1 Output
- 3 Digital Audio Inputs (1 Optical and 2 Coaxial)
- 7 Analog Audio Inputs (1 Front/6 Rear)
- Color-Coded Speaker Terminals
- Headphone Jack
- Crossover Adjustment (40/50/60/70/80/90/100/120/150/200 Hz)
- A/V Sync Control (Up to 400 ms at 48 kHz)
- Hybrid Standby Function (HDMI Passthrough Only)
- Tone Control (Bass/Treble) for Front L/R Channels
- 3-Mode Display Dimmer (Normal/Dim/Dimmer)
- 40 FM/AM Random Presets
- RIHD (Remote Interactive over HDMI) for System Control
- Full-Function RI Remote Control

HTP-391

5.1-Channel Home Theater Speaker System

SKF-391

Full-Range Bass Reflex Front Speakers

- 8 cm Cone
- Max. Input Power: 120 W
- Gloss-Finished Exterior
- Wall-Mounting Capability

SKC-391C

Full-Range Acoustic Suspension Center Speaker

- 8 cm Cone x 2
- Max. Input Power: 120 W
- Gloss-Finished Exterior
- Magnetically Shielded
- Wall-Mounting Capability

SKR-391

Full-Range Bass Reflex Surround Speakers

- 8 cm Cone
- Max. Input Power: 120 W
- Gloss-Finished Exterior
- Wall-Mounting Capability

SKW-391

Bass Reflex Subwoofer

- 20 cm Cone
- Max. Input Power: 130 W
- Down-Firing



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

HT-S3700 5.1-Channel Home Theater Receiver/Speaker Package

Authentic High-Fidelity Amplification for Movies, Music, Games, and More

Onkyo's Wide Range Amplifier Technology (WRAT) is designed for high current delivery. High instantaneous current is needed to maintain control of the speaker drivers for precise yet musical audio reproduction. Backed by a massive high-output transformer, the amplifiers feature a discrete low-impedance output stage (not a cheap integrated circuit) with high-current transistors for instantaneous power and very low distortion. The resulting sound is detailed, dynamic, and highly realistic for both stereo and multichannel listening.

Future-Ready with the Latest HDMI®

Imagine displaying the latest blockbuster PC games on your Ultra HDTV at a breathtaking 60 frames per second. Now add powerful 5.1-channel surround-sound from Onkyo. With every HDMI terminal on the included receiver supporting 4K/60 Hz, all this and more is possible. Even if you're not planning on upgrading your current display right away, it's good to know your Onkyo receiver is ready for the future.

High-Resolution Audio Processing

There's nothing quite like plunging into a high-resolution studio-master 5.1-channel movie soundtrack. The included Onkyo A/V receiver can play Dolby® TrueHD and DTS-HD Master Audio™ formats via HDMI for a thrilling surround-sound experience. A 32-bit DSP chip and high-quality 192 kHz/24-bit TI Burr-Brown DAC smoothly and efficiently decode all the lossless and high-resolution formats common to DVD and Blu-ray Disc.

Inbuilt Bluetooth with Music Optimizer

Stream almost any audio you like from your smartphone, tablet, or PC to your home theater for clear and powerful hi-fi playback. Everything from tracks on internet streaming services to your device's MP3 library are smoothly transmitted via Bluetooth 2.1 + EDR, with an Advanced Music Optimizer function compensating for lower-quality compressed audio.

Enhances Low-Quality Digital Audio

While MP3 files may sound fine on a portable stereo, the limitations of these files can be exposed when played through a quality home entertainment system. Advanced Music Optimizer mode improves the quality of compressed audio signals for clearer, more expansive sound. The technology also includes a handy loudness correction feature.

Play Lossless and Hi-Res Music via USB

If you prefer a wired connection, the rear-panel USB port is ready to accept a range of audio formats from mass-storage class disks. As well as MP3, AAC, and WMA, you can play FLAC and WAV up to 192 kHz/24-bit resolution as well as WMA Lossless, Apple Lossless, and 5.6 MHz DSD. Alternatively, you can connect your PC, smartphone, tablet, or media player via the digital or analog audio inputs.

Preview Your HD Video Sources

Video switching is easy with InstaPrevue™ technology. Select InstaPrevue via the Home Menu and video thumbnails showing what's playing on devices connected via HDMI are

overlaid on screen. As well as being a fast and intuitive way to switch sources, it's also great for keeping an eye on the cable sports channel while you're playing a console game, for example.

Easy Operation for Everyone in Your Family

The included A/V receiver is very simple to use. The Home menu is mainly for detailed adjustment and setup (such as configuring your A/V receiver remote to control other components in your system, or to assign specific listening modes to different inputs). But if you want to quickly boost the center level or change sources, the "Q" button overlays a text menu on screen and lets you get the job done in seconds.

Phase-Matching Bass Enhancement

PM Bass optimizes low frequencies while preserving mid-range clarity. It counters phase shifting (which generally occurs in the all-important mid-range zone occupied by vocals) by synchronizing the timing of different frequencies. The result is deep, well-defined bass that won't blur vocals or strings.

More Realistic Action with Four Gaming Modes

Select from four surround-sound modes optimized to match different content for a more realistic gaming experience. Rock, Sports, Action, and RPG game modes bring out the best in any soundtrack, from subtle ambient effects to thundering explosions.

Zone 2 Line-Out for Multi-Room Audio

The Zone 2 line-level output lets you enjoy music from the source devices connected to your A/V receiver via the analog audio inputs in another area of your home. If you have a power amp and a pair of speakers lying around, you could set them up in your kitchen, garage, or even out on the deck and listen to CDs and radio playing via your A/V receiver.

SPECIFICATIONS

A/V RECEIVER

Amplifier Section

Power Output	
Front L/R	120 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 100 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC)
Center	120 W (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 100 W (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC)
Surround L/R	120 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 100 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC)
Subwoofer	120 W (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 100 W (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC)

Dynamic Power	160 W (3 Ω, Front)
	125 W (4 Ω, Front)
THD+N (Total Harmonic Distortion + Noise)	0.08% (20 Hz–20 kHz, Half Power)
	60 (Front, 1 kHz, 8 Ω)

Damping Factor	60 (Front, 1 kHz, 8 Ω)
Input Sensitivity and Impedance	200 mV/47 Ω (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	1.0Vp–p/75 Ω (Component Y) 0.7Vp–p/75 Ω (Component Pb/Cb, PR/CR) 1.0Vp–p/75 Ω (Composite)

Component Video Frequency Response	5 Hz–100 MHz/+0 dB, -3 dB
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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 220–240V ~, 50/60 Hz
Power Consumption	410 W
Dimensions (W x H x D)	435 x 150 x 321 mm
Weight	8.1 kg

SPEAKER SYSTEM

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

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	30 Hz–150 Hz

Output Sound Pressure Level	
Front	80 dB/W/m
Center	84.5 dB/W/m
Surround	80 dB/W/m
Subwoofer	83 dB/W/m

Max. Input Power	
Front/Center/Surround	120 W
Subwoofer	130 W

Nominal Impedance	Front/Center/Surround/Subwoofer 6 Ω
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General	
Dimensions (W x H x D)	
Front	101 x 200 x 114 mm
Center	240 x 102 x 121 mm
Surround	101 x 200 x 114 mm
Subwoofer	295 x 345 x 368 mm

Weight	Front 0.7 kg Center 1.3 kg Surround 0.7 kg Subwoofer 6.4 kg
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CARTON

Dimensions (W x H x D)	537 x 751 x 414 mm
Weight	23.0 kg

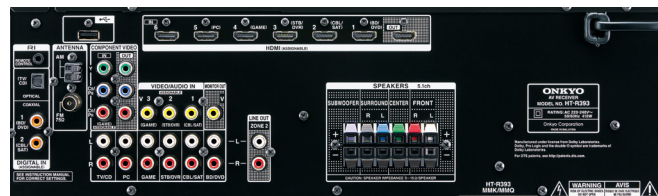
Supplied Accessories

- Indoor FM antenna • Antenna isolator* • AM loop antenna
 - Color-coded speaker cable • Instruction manual • Quick start guide
 - Remote controller • AA (R6) batteries** x 2
- * Included with Chinese model only. ** Not included with Chinese model.

HT-R393



Front View



Rear View

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