

HT-S3910 5.1-Ch Home Cinema Receiver & Speaker Package



Start the next season with life-changing sound

Experience the ultimate in pure sound flexibility. The powerful yet compact HT-S3910 transforms tinny TV sound into a thrilling sonic sensation with Dolby Atmos® and DTS:X® playback through 3.1.2 channels. Legacy soundtracks are remapped to localize sound and add height dimensionality, or enjoy 3D immersion without height or rear speakers connected thanks to Dolby Atmos Height Virtualizer* and DTS Virtual:X™ technologies, which place you at the heart of the event. Support for 4K/60p and HDR primes you for next-gen Ultra HD content. Power an HDMI® network dongle via USB terminal or enjoy streaming audio with Bluetooth® technology. Advanced Music Optimizer™ works magic on lossy audio. Everything you need is in the box, right down to cables to connect factory-matched speakers. These full-range units love high-current power, so turn it up and enjoy home entertainment as it's meant to be. * Enabled with a future firmware update.

PRODUCT HIGHLIGHTS

- 155 watts per channel
- Supports 4K/60p and HDR (HDR10, HLG, Dolby Vision®, BT.2020)
- Dolby Atmos® and DTS:X® playback
- Dolby Atmos Height Virtualizer* and DTS Virtual:X™
- Discrete high-current analog amp system with 4-ohm drive capability
- Bluetooth® technology and Advanced Music Optimizer™
- Vocal Enhancer function improves voice audibility
- Zone B analog RCA line-output connects compatible devices such as wireless headphone transmitters or hi-fi systems to enable audio playback in Zone B or Main + Zone B simultaneously (including HDMI®/SPDIF)
- OSD window shows media format data for quick confirmation

* Enabled with a future firmware update.

HT-R398

5.1-Channel Home Cinema Receiver

- 155 W/Ch (6 Ω, 1 kHz, 10% THD, 1 channel driven) x 5 ch, 125 W (6 Ω, 100 Hz, 10% THD) subwoofer (passive); 135 W/Ch (6 Ω, 1 kHz, 1% THD, 1 channel driven, IEC) x 5 ch, 100 W (6 Ω, 100 Hz, 1% THD, IEC) subwoofer (passive)
- Dolby Atmos® and DTS:X® audio format playback through 3.1.2 channels
- Dolby Atmos Height Virtualizer* and DTS Virtual:X™ 3D audio processing
- Dolby Surround® and DTS® Neural:X technologies

- Supports Dolby® TrueHD, DTS-HD Master Audio®, 3D Video, ARC (Audio Return Channel), DeepColor™, x.v.Color™, and LipSync
- Supports 4K/60p video and HDR (HDR10, HLG, Dolby Vision®, BT.2020), 4:4:4 color-space, and HDCP 2.2
- 6-channel discrete high-current analog amp system with 4-ohm speaker-driving power (1 channel for passive subwoofer)
- High-Current Low-Noise Power Transformer
- Bluetooth® wireless streaming technology with Advanced Music Optimizer™ for enhanced playback quality
- DSP-controlled Vocal Enhancer function improves dialog audibility
- High-quality AKM 384 kHz/32-bit multichannel D/A conversion
- Direct Mode for source-authentic stereo sound
- 4 HDMI® inputs and 1 output with ARC (4K/60p, HDR, HDCP 2.2)
- 2 digital audio inputs (1 optical and 1 coaxial, assignable)
- 3 analog audio inputs (assignable)
- Zone B line-out for unpowered audio distribution
- Rear USB power supply terminal (5 V/1 A)
- 2 subwoofer pre-outs
- Speaker terminals (screw-type x 2 [Front L/R], lever-type x 4)
- 6.35 mm headphone output (front)
- GUI via HDMI with OSD featuring new A/V input/output information display
- 1080p to 4K Ultra HD upscaling over HDMI
- Quick Connection Guide on rear panel
- Direct Power On activates receiver when input key is pressed
- HDMI passthrough standby mode
- Tone controls for Front L/R channels (bass/treble)
- 3-Mode front-panel display dimmer (Normal/Dim/Dimmer)

- AM/FM tuner with 40 random presets
- Sleep timer
- Simple remote control

* Enabled with a future firmware update.

HTP-398

5.1-Channel Home Cinema Speaker System

SKF-398

Full-Range Acoustic-Suspension Front Speakers

- 7.7 cm cone
- Max. input power: 150 W
- High-quality matte black finish
- Ready to wall-mount

SKC-398

Full-Range Acoustic-Suspension Center Speaker

- 7.7 cm cone
- Max. input power: 150 W
- High-quality matte black finish
- Ready to wall-mount

SKR-398

Full-Range Acoustic-Suspension Surround Speakers

- 7.7 cm cone
- Max. input power: 150 W
- High-quality matte black finish
- Ready to wall-mount

SKW-398

Bass Reflex Subwoofer

- 16 cm cone
- Max. input power: 120 W
- Down-firing design

Note: All speakers feature an impedance of 6 Ω.



HT-S3910 5.1-Ch Home Cinema Receiver & Speaker Package

Surround yourself in Dolby Atmos® and DTS:X® sound

The HT-S3910 supercharges your Dolby Atmos and DTS:X experience. Object-based audio is mixed in 3D space and lets individual sounds play through any speaker, tracking the action and placing sounds all around you. Dolby Surround® and DTS® Neural:X complement 3D audio playback. These technologies find localization cues in legacy stereo or multichannel soundtracks and upmix these elements to create immersive top-to-bottom dimensionality.



Dolby Atmos Height Virtualizer

When playing any Dolby® format, engaging Dolby Atmos Height Virtualizer enables a more immersive listening experience, creating a virtual surround and height effect from traditional speaker layouts without employing additional surround or height speakers.

Note: Enabled with a future firmware update.

Elevated sound with DTS Virtual:X™

DTS Virtual:X is a new sound virtualization technology that creates an immersive 3D soundfield from any speaker layout, such as 2.1, 3.1, and 5.1 setups with no need for height, surround, or rear surround speaker connection. It uses DSP-based algorithms to place the audience at the center of a multidimensional soundfield with height and surround spatiality, and is effective in large or small spaces. DTS Virtual:X works with DTS:X, DTS® formats, and non-encoded stereo.

Space-saving speakers pack a punch

Want space-filling sound without speakers dominating the room? The supplied Onkyo system is factory-matched to harmonize with the amp's unique sound signature. These compact units are pleasingly heavy thanks to large magnets and full-range drivers. Neat size makes for easy placement, even on the wall, while cloth-wrapped baffles protect against curious young fingers. With a small footprint and down-firing 16 cm cone, the powerful 120 W sub can be placed wherever you want—deep bass adds impact to LFEs in games and movies.

Supports new 4K HDR video formats

This receiver has four HDMI® inputs and one ARC-enabled output that support 4K/60p video, HDR formats (HLG, HDR10, Dolby Vision®, and BT.2020), and the ultra-large 4:4:4 color-space. Video passes from player to your 4K HDR-ready TV, while the receiver decodes and amplifies the audio. It's easy to check your player, receiver, and TV are working in harmony by calling up a new media input-output on-screen display using the remote control.

High current, great sound

Watts seem like the most important number on an amp's spec sheet. However, they only indicate loudness, not audio quality. Amperes—current—are the secret to good sound. More current gives a tighter grip on the speaker cones, helping

to control their travel with greater precision. Speaker control means faster dynamics, clearer detail, and more life. The HT-S3910 features a High-Current Low-Noise Power Transformer, large custom audio capacitors, and discrete high-current amps that deliver the highest flows of current in their class. Expect rhythmically exciting, energetic sound from any source.



Fix inaudible dialog at the touch of a button

We include a quick and effective function to solve the problem of inaudible dialog in TV programs and movies. DSP-controlled Vocal Enhancer identifies vocal frequencies and allows you to raise or lower them to taste using keys on the remote or via the tone controls on the receiver's front panel.



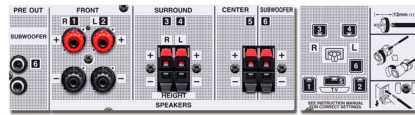
Share sound or enjoy privately

Any hi-fi system with an analog RCA input can be connected to the A/V receiver's Zone B line output. Now you can share audio (including SPDIF and HDMI) to the hi-fi in Zone B, or play in both Main Room and Zone B simultaneously. Alternatively, connect a compatible transmitter and enjoy audio from any A/V source on your wireless headphones.



Simple steps to sweet surround

The HT-S3910 simplifies your home entertainment setup. Conceal the receiver and players in an entertainment unit. A single HDMI cable links TV to receiver for a super-clean look. Check the easy-to-follow diagram on the rear panel to hook up the speakers. The process takes moments, enjoyment is limitless.



Bluetooth® wireless technology with Advanced Music Optimizer™

Whatever audio is playing on your phone, tablet, or PC app can be streamed to the receiver with Bluetooth wireless technology. Compressed audio commonly stored on or streamed from smartphones, such as MP3 or AAC, is enhanced by Advanced Music Optimizer, a DSP technology that restores high-frequency bit data for rich, clear sound.

USB power for streaming dongles

A USB terminal on the rear panel powers any media streaming stick plugged into an adjacent HDMI input—great if you don't have enough power-points.

SPECIFICATIONS

A/V RECEIVER

Amplifier Section

Power output (Front L/R / Center / Surround L/R / Subwoofer)
155 W/Ch (6 Ω, 1 kHz, 10% THD, 1 channel driven) × 5 ch,
125 W (6 Ω, 100 Hz, 10% THD) subwoofer (passive)
135 W/Ch (6 Ω, 1 kHz, 1% THD, 1 channel driven, IEC) × 5 ch,
100 W (6 Ω, 100 Hz, 1% THD, IEC) subwoofer (passive)

THD+N (Total Harmonic Distortion + Noise)

0.08% (20 Hz–20 kHz, Half Power)

Input sensitivity and impedance

200 mV rms/47 kΩ (Line)

Tone control

±10 dB, 20 Hz (Bass)

±10 dB, 20 kHz (Treble)

Signal-to-noise ratio

109 dB (Line, IHF-A)

Speaker impedance

4 Ω–16 Ω

Tuner Section

Tuning frequency range

FM 87.5 MHz–107.9 MHz

AM 520 kHz–1,710 kHz

522 kHz–1,611 kHz

FM/AM preset memory

40 stations

General

Power supply AC 220–240 V–50/60 Hz

Power consumption 445 W

Standby power consumption 0.2 W

Dimensions (W × H × D) 435 × 160 × 328 mm

Weight 8.2 kg

SPEAKER SYSTEM

Speaker Type

Front/center/surround Full-range acoustic-suspension with 7.7 cm cone

Subwoofer Bass reflex, 16 cm cone

Frequency Response

Front/surround 80 Hz–20 kHz

Center 70 Hz–20 kHz

Subwoofer 28 Hz–5 kHz

Output Sound Pressure Level

Front/center/surround 80 dB/W/m

Subwoofer 78 dB/W/m

Max. Input Power

Front/center/surround 150 W

Subwoofer 120 W

Nominal Impedance

Front/center/surround/subwoofer 6 Ω

General

Dimensions (W × H × D)

Front/surround 98.5 × 140.5 × 106 mm

Center 244 × 96 × 102 mm

Subwoofer 230 × 389 × 331 mm

Weight

Front/surround 0.5 kg

Center 0.6 kg

Subwoofer 4.6 kg

CARTON

Dimensions (W × H × D) 535 × 675 × 435 mm

Weight 19.0 kg

Supplied Accessories

• Indoor FM antenna • AM loop antenna • Non-skid pads

• Speaker cables • Quick Start Guide • Remote controller

• AAA (R03) batteries × 2

HT-R398



Front View



Rear View

Text on receiver may vary with region.

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