

HT-S5910 5.1.2-Channel Home Theater Package

BLACK


4K HDR
 ULTRA HD
 HDR10, HLG, BT.2020

 COMPATIBLE
DOLBY
 VISION

DOLBY
 ATMOS

dts
dts
 VIRTUAL

HDCP 2.2
Bluetooth
AccuEQ
 ROOM CALIBRATION

Hi-Res
 AUDIO

 384kHz
 32bit

ZONE B
POWERED
ZONE B

The 3D home theater that fits in with you

Dolby Atmos® and DTS:X® sound can be yours, minus speaker clutter and installation hassle, with the 5.1.2-Ch HT-S5910 Home Theater Package. High-current amps develop 160 W/Ch to wrap your friends and family in 3D sound thanks to Dolby Atmos-enabled woofers concealed in the front speakers. The latest DTS® and Dolby® audio upmixing and virtualization technologies ensure the best reproduction from your chosen speaker layout. The receiver makes home entertainment easy with features such as Vocal Enhancer to boost dialog in-program; Zone B line-out ideal for a wireless headphone transmitter; powered Zone B audio distribution; video pass-through for 4K HDR; and AccuEQ speaker calibration with AccuReflex™. Get your tunes flowing with digital and analog audio connections or tap and stream with *Bluetooth*® wireless technology. Everything you need, down to a chunky 130 W subwoofer, is in one carton, ready to transform your evenings into events worth rushing home for.

PRODUCT HIGHLIGHTS

- 160 watts per channel
- 5.1.2-ch Dolby Atmos® and DTS:X® playback
- Dolby Atmos Height Virtualizer and DTS Virtual:X™
- Supports 4K/60p and HDR (HDR10, HLG, Dolby Vision®, BT.2020)
- AccuEQ Room Acoustic Calibration with AccuReflex™
- Discrete high-current amp system with 4-ohm drive capability
- *Bluetooth*® wireless technology and Advanced Music Optimizer™
- Vocal Enhancer DSP function improves voice audibility
- Zone B line-out connects wireless headphone transmitters or hi-fi systems for sound in Main and Zone B (including HDMI®/SPDIF)
- OSD window shows media format data for quick confirmation

* DTS Virtual:X is not selectable when Height speakers are connected.

- Discrete 7-ch analog amplification system with 4-ohm speaker-driving capability
- High-Current Low-Noise Power Transformer and audio-grade capacitors
- AccuEQ Room Acoustic Calibration, Subwoofer EQ, and AccuReflex
- *Bluetooth* wireless technology and Advanced Music Optimizer to enhance compressed audio playback quality
- DSP-controlled Vocal Enhancer function improves dialog audibility via remote control keys or front-panel controls
- 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 pre-/line-out shares any audio source to components with an RCA input, including mini hi-fi systems, integrated amps, wireless headphone docks, etc.
- Zone B speaker output for powered audio distribution in Main and Zone B (including SPDIF and HDMI audio)
- Supports Front L/R channel bi-amping
- Rear USB power supply terminal (5 V/1 A) for media streaming devices
- 2 subwoofer pre-outs
- Speaker terminals (banana-plug x 2 [Front L/R], lever-type x 5)
- 1/4" (6.35 mm) headphone output (front)
- 1/8" (3.5 mm) input for AccuEQ (front)
- 1080p to 4K Ultra HD Super Resolution upscaling over HDMI
- Numbered Quick Connection Guide illustrations on rear panel
- Direct Power On activates receiver when input key is pressed
- GUI via HDMI with OSD featuring new A/V input/output information display
- HDMI passthrough standby mode
- Tone controls for Front L/R channels (bass/treble)
- 3-Mode front-panel display dimmer (Normal/Dim/Dimmer)

- FM/AM tuner with 40 random presets
- Sleep timer
- Redesigned simple remote controller

HTP-596

5.1.2-Channel Home Theater Speaker System

SKF-596

2-Way Bass-Reflex Front Speakers
 Full-Range Acoustic-Suspension Height Speakers

- 5" (12 cm) cone woofer (Front)
- 1" (2.5 cm) balanced-dome tweeter (Front)
- 3 1/4" (8 cm) cone (Dolby Atmos-enabled Height channel)
- Max. input power: 130 W
- Ready to wall-mount

SKR-594

2-Way Bass-Reflex Center Speaker

- 3 1/4" (8 cm) cone woofer (x 2)
- 1" (2.5 cm) balanced-dome tweeter
- Max. input power: 130 W
- Ready to wall-mount

SKR-594

Full-Range Acoustic-Suspension Surround Speakers

- 3 1/4" (8 cm) cone
- Max. Input power: 130 W
- Ready to wall-mount

SKW-593

Bass-Reflex Powered Subwoofer

- 10" (25 cm) cone
- Max. output power: 130 W (4 ohms, 100 Hz, 10% THD)
- Rated output power: 120 W (Minimum continuous power, 4 ohms, 100 Hz, 1%, FTC)
- Energy-saving high-power amplifier
- Down-firing design

Note: All speakers have 6-ohm impedance (excluding subwoofer) and are not certified for Hi-Res Audio playback.



HT-R495

7.1-Channel Home Theater Receiver

- 160 W/Ch x 7 (6 ohms, 1 kHz, 10% THD, 1-ch driven), 80 W/Ch x 7 (8 ohms, 20 Hz–20 kHz, 0.08% THD, 2-ch driven, FTC)
- Dolby Atmos and DTS:X audio format playback through 5.1.2 channels
- Dolby Atmos Height Virtualizer and DTS Virtual:X 3D audio processing
- Dolby Surround® and DTS® Neural:X 3D upmixing technologies
- Supports Dolby® TrueHD, DTS-HD Master Audio®, 3D Video, ARC (Audio Return Channel), DeepColor™, x.v.Color™, and LipSync
- Supports 4K/60p, HDR (HDR10, HLG, Dolby Vision®, BT.2020), and 4:4:4/24-bit video pass-through via HDCP 2.2-compliant HDMI terminals

HT-S5910 5.1.2-Channel Home Theater Package

Dolby Atmos® and DTS:X®

With Dolby Atmos and DTS:X audio formats, sounds in the movie scene are mapped to their corresponding positions within the entertainment space, allowing any audio to be localized or moved from one speaker to another all around the audience in sync with the on-screen action. The sense of spatiality unlocks a new dimension to movies and games. Enjoy classic titles through your Dolby Atmos-enabled speaker system with Dolby Surround® and DTS® Neural:X upmixers finding localization cues in legacy soundtracks and remapping them for 3D playback.

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.

Flexible 3D sound with DTS Virtual:X™

DTS Virtual:X is a surround virtualization technology that works with DTS:X, DTS® formats, and non-encoded stereo soundtracks to create an immersive 3D sound-field from horizontal speaker layouts without height speakers connected. It uses algorithms to create a convincing sense of 3D spatiality through a 5.1-ch layout, leaving you with a pair of channels for audio distribution in Zone B.

Flexible speakers make 3D sound easy

Factory-matched speakers suit the amp's personality and look cool in any room. Solid 2-Way front speakers include a 5" driver and 1" tweeter and have a strong, confident, vibrant sound. Sealed enclosures house Dolby Atmos-enabled drivers powered by the Height channels. These reproduce the vertical dimension in 3D audio without any installation clutter. The center unit has two big drivers and tweeter while an active 130 W subwoofer with 10-inch cone punches out deep, taut bass for a visceral impact. Compact surround speakers are easily placed about the listening position, or use them in Zone B with a 3.1.2 layout in Main.

Supports 4K HDR and Media Data Display

The receiver has four HDMI® inputs and one ARC-enabled output that supports up to 18 Gbps transmission of 4K video at 50/60 Hz along with HDR (HLG, HDR10, Dolby Vision™), the BT.2020 color standard, and 4:4:4/24-bit video. Video passes from connected players through the receiver to the TV via one easily concealed HDMI cable. You can check your player, receiver, and TV are working harmoniously by calling up a transparent on-screen media input-output display to confirm playback conditions such as audio codec, sound mode, video frame-rate, video resolution, and HDR format without interrupting your program.

Discrete high-current analog amplification

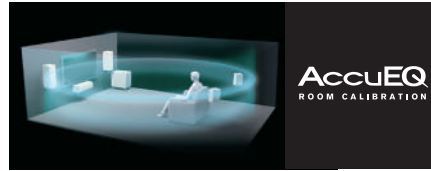
Watts seem like the most important number on an amp's spec sheet. However, they only indicate loudness, not audio quality. Amperes (current) are the secret to good sound. Current grips the speaker cones to control their travel. The higher the current, the greater the control. Better speaker control means faster dynamic response, clearer



detail, and more rhythmically exciting sound. The HT-S5910 features a High-Current Low-Noise Power Transformer, large capacitors, and discrete high-current amp circuitry that combine to deliver the highest current flow of any AVR in its class.

AccuEQ Room Acoustic Calibration with AccuReflex™

AccuEQ creates a harmonious sound-field in your room. It detects speaker presence and size, and distance from a measurement position and sets appropriate sound-pressure levels. It then selects the subwoofer crossover and EQ's all speakers, including the sub. AccuReflex optimizes 3D audio reproduction through Dolby Atmos-enabled speakers. It resolves phase-shift that arises from path differences between directional and non-directional sounds.



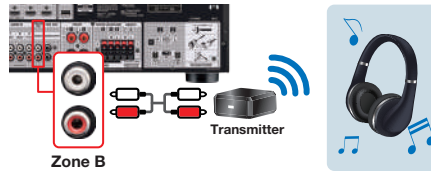
Clearer dialog at the touch of a button

This Onkyo technology solves the problem of inaudible dialog in TV programs and movies. DSP-controlled Vocal Enhancer identifies voice frequencies so you can raise or lower them using keys on the remote or controls on the front panel.



Flexible powered and unpowered zone audio

The Zone B line-out is ideal for connecting a compatible transmitter to make audio in the main room available to a pair of wireless headphones. This is great for watching TV at night or when you're viewing the screen from a distance. Any hi-fi with an analog RCA input can be connected to share audio (including SPDIF and HDMI) simultaneously in Main and Zone B. In addition, the HT-S5910 includes assignable Powered Zone B outputs that share amplified audio to speakers in another area of the home.



Stream with Bluetooth® wireless technology

Stream virtually any audio from your smartphone, tablet, or PC to your home theater with Bluetooth wireless technology. Select Advanced Music Optimizer™ listening mode to restore high-frequency bit information lost during the compression process in real time, leading to fuller, richer sound upon playback.

USB power for streaming sticks

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

SPECIFICATIONS

A/V RECEIVER

Amplifier Section	
Power output (All channels)	160 W/Ch (6 ohms, 1 kHz, 10% THD, 1-ch driven) 80 W/Ch (8 ohms, 20 Hz-20 kHz, 0.08% THD, 2-ch driven, FTC)
THD+N (Total Harmonic Distortion + Noise)	0.08% (20 Hz-20 kHz, half power)
Input sensitivity and impedance	200 mV rms/47 k-ohms (Line)
Frequency response	10 Hz-100 kHz/+1 dB, -3 dB (Direct Mode)
Tone control	±10 dB, 20 Hz (Bass) ±10 dB, 20 kHz (Treble)
Signal-to-noise ratio	109 dB (Line, IIF-A)
Speaker impedance	4 ohms-16 ohms
Tuner Section	
Tuning frequency range	FM 87.5 MHz-107.9 MHz AM 530 kHz-1,710 kHz
FM/AM preset memory	40 stations
General	
Power supply	AC 120 V-60 Hz
Power consumption	490 W
Standby power consumption	0.1 W
Dimensions (W x H x D)	17 1/8" x 6 5/16" x 12 13/16" (435 x 160 x 328 mm)
Weight	18.1 lbs. (8.2 kg)

SPEAKER SYSTEM

Speaker Type	
Front	2-Way bass-reflex, 5" (12 cm) cone woofer, 1" (2.5 cm) balanced-dome tweeter
Height	Full-range acoustic-suspension, 3 1/4" (8 cm) cone woofer
Center	2-Way bass-reflex, 8 cm cone woofer x 2 1" (2.5 cm) balanced-dome tweeter
Surround	Full-range acoustic-suspension, 3 1/4" (8 cm) cone woofer
Subwoofer	Bass-reflex, 10" (25 cm) cone
Frequency Response	
Front	55 Hz-50 kHz
Height	80 Hz-20 kHz
Center	65 Hz-50 kHz
Surround	80 Hz-20 kHz
Subwoofer	25 Hz-150 Hz
Output Sound Pressure Level	
Front	83 dB/W/m
Height	82.5 dB/W/m
Center	86 dB/W/m
Surround	81 dB/W/m
Max. Input Power	
Front, height/center/surround	130 W
Max. Output Power	
Subwoofer	130 W (4 ohms, 100 Hz, 10% THD)
Nominal Impedance	
Front, height/center/surround	6 ohms
General	
Dimensions (W x H x D)	
Front/height	6 1/8" x 18 3/8" x 7 3/16" (155 x 467 x 183 mm)
Center	16 1/8" x 4 1/2" x 4 3/4" (409 x 115 x 121 mm)
Surround	4 1/2" x 9 1/16" x 3 3/4" (115 x 230 x 96 mm)
Subwoofer	12 1/2" x 18 1/4" x 15 1/16" (317.5 x 463 x 398 mm)
Weight	
Front/height	7.9 lbs. (3.6 kg)
Center	4.9 lbs. (2.2 kg)
Surround	2.2 lbs. (1.0 kg)
Subwoofer	21.2 lbs. (9.6 kg)

CARTON

Dimensions (W x H x D)	30 3/4" x 33 1/16" x 20 1/4" (772 x 855 x 514 mm)
Weight	77.2 lbs. (35.0 kg)

UPC CODE

(B)	88995 1002901
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Supplied Accessories

- Indoor FM antenna • AM loop antenna • Non-skid pads
- Color-coded speaker cables • Subwoofer cable • Quick Start Guide
- Remote controller • AAA (R03) batteries x 2

HT-R495



Front View



Rear View

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