

HT-S5800 5.1.2-Channel Dolby Atmos® Home Theater Package



BLACK



HDCP 2.2



192kHz/24bit



Movie Night Will Change Forever

What an awesome way to experience game-changing Dolby Atmos® sound! Everything you need to create a face-melting entertainment system is right here in one simple package, starting with a 115 W/Ch A/V receiver that connects all your media players and sends video to the TV via a single HDMI® cable—from your old analog game consoles to the latest 4K/60 Hz video with 4:4:4 color space and 21:9 cinema aspect. Want full Smart TV capabilities? Plug a media streaming stick into the rearside STRM Box port and enjoy a wealth of audio and video streaming apps. Once you've connected the speaker system—which allows multidimensional Atmos soundtracks to flow above and around you—AccuEQ optimizes the sound to suit the unique shape of your room. We've also included Bluetooth technology so you can hear streamed audio with Onkyo's legendary clarity and dynamism. Unleash tomorrow's entertainment at home today!

HIGHLIGHTS

- Supports Dolby Atmos® up to 5.1.2 Channels (Speakers Included)
- 115 W per Channel
- HDMI® 4 In / 1 Out (4K UltraHD / HDCP 2.2 / 4:4:4)
- Pure Driving Power from Discrete Amp Technology
- Bluetooth Wireless Audio Streaming
- Simple Rear Panel Layout for Easy Connection

HT-R494 7.1-Channel A/V Receiver

- 115 W/Ch (6 Ohms, 1 kHz, 0.9% THD, 1 Channel Driven, FTC); 65 W/Ch (8 Ohms, 20 Hz–20 kHz, 0.7% THD, 2 Channels Driven, FTC)
- 4K/60 Hz-Capable HDMI® Terminals with 4:4:4 Color Space for UltraHD Entertainment (4 In/1 Out)
- Bluetooth Version 2.1 + EDR Capability (Compatible Profile: A2DP v1.2, AVRCP v1.3)
- Advanced Music Optimizer to Improve Compressed Digital Audio Quality (Bluetooth Audio Included)
- Phase-Matching Bass Boost for Deep Bass and Clear Mid-Range
- AccuEQ Room Acoustic Calibration
- WRAT (Wide Range Amplifier Technology)
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- Discrete Output Stage Circuitry
- PLL (Phase Locked Loop) Jitter-Cleaning Circuit Technology for S/PDIF Audio

- Dolby® TrueHD and DTS-HD Master Audio™ Decoding
- HDMI Support for 4K/60 Hz, 3D, Audio Return Channel, DeepColor™, x.v.Color™, LipSync, Dolby Atmos®, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC
- TI Burr-Brown 192 kHz/24-bit DAC for All Channels
- Advanced 32-bit DSP Chip
- 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
- STRM Box Port (Rear) for Powering Media Streaming Sticks
- 2 Component Video Inputs (Rear)
- 3 Composite Video Inputs (1 Front/2 Rear)
- 3 Digital Audio Inputs (2 Optical and 1 Coaxial)
- 7 Analog Audio Inputs (1 Front/6 Rear)
- Subwoofer Pre-Out
- Headphone Jack
- Crossover Adjustment (40/50/60/70/80/90/100/120/150/180/200 Hz)
- A/V Sync Control (Up to 500 ms in 10 ms Steps at 48 kHz)
- Overlaid On-Screen Display (OSD) via HDMI with Quick Set-Up
- HDMI Passthrough Function
- 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 Interactive) Remote Control

HTP-594

5.1.2-Channel Home Theater Speaker System

SKF-594

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

- 5" (12 cm) Cone Woofer
- 1" (2.5 cm) Balanced-Dome Tweeter
- 3 1/4" (8 cm) Cone (Separately Powered By Height Channel)
- Max. Input Power: 130 W
- Wall-Mounting Capability

SKC-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
- Wall-Mounting Capability

SKR-594

Full-Range Acoustic-Suspension Surround Speakers

- 3 1/4" (8 cm) Cone
- Max. Input Power: 130 W
- Wall-Mounting Capability

SKW-594

Bass Reflex Powered Subwoofer

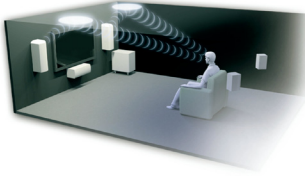
- 10" (25 cm) Cone
- Rated Output Power: 120 W (Minimum Continuous Power, 4 Ohms, 100 Hz, 1%, FTC)
- Energy-Saving High Power Amplifier
- Down-Firing Design



HT-S5800 5.1.2-Channel Dolby Atmos® Home Theater Package

Extraordinary Dolby Atmos®

Dolby Atmos transports you into an extraordinary surround sound experience with captivating multidimensional sound objects that fill your room and flow all around you. This 7.1-channel receiver powers a 5.1.2-channel Dolby Atmos speaker setup: 5.1 standard surround configuration plus two height channels inside the front speakers.



Top Quality Speaker System

Onkyo knows a thing or two about building great speakers, having almost 70 years' experience in Hi-Fi. The included speaker package features precision drivers housed in solid cabinets—the front speakers also housing up-firing height drivers that unlock the magic of Dolby Atmos.

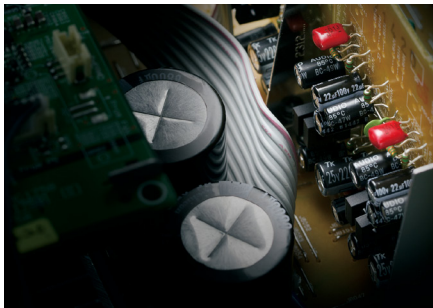
HDMI® 4 In / 1 Out for UltraHD

All HDMI terminals support the latest TV video displays, and HDCP 2.2 copy protection encoded in content from movie studios, broadcasters, and streaming services, for next-generation UltraHD.



True Power from Discrete Amplifiers

Discrete amps deliver high instantaneous current to increase speaker control for accurate and dynamic audio reproduction. This precise power is the cornerstone of Onkyo's amplification philosophy.



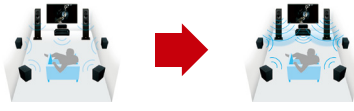
Bluetooth Audio Streaming

Stream virtually any audio from your smartphone, tablet, or PC to your home cinema for clear and powerful sound.



AccuEQ Room Acoustic Calibration

AccuEQ measures and corrects speaker distances, output levels, crossover frequencies, and frequency response from one quick and easy listening position to ensure clear and balanced surround-sound.



AccuEQ
ROOM CALIBRATION

HDMI Video Up-Conversion

Only one wire! Every video signal is converted and sent to your TV through one HDMI cable.

Ready for Streaming Media Devices

The handy STRM Box port supplies power to streaming media players. Keep up with your video subscription services and other programs streamed from the Internet.

SPECIFICATIONS

A/V RECEIVER

Amplifier Section

| | |
|--|--|
| Power Output | All Channels 115 W/Ch (6 Ohms, 1 kHz, 0.9% THD, 1 Channel Driven, FTC) 65 W/Ch (8 Ohms, 20 Hz–20 kHz, 0.7% THD, 2 Channels Driven, FTC) |
| Dynamic Power | 160 W (3 Ohms, Front) 125 W (4 Ohms, Front) 85 W (8 Ohms, Front) |
| THD+N (Total Harmonic Distortion + Noise) | 0.08% (20 Hz–20 kHz, Half Power) |
| Input Sensitivity and Impedance | 200 mV/47 k-ohms (Line) |
| Rated RCA Output Level and Impedance | 1 Vrms/470 Ohms (Subwoofer Pre Out) |
| Maximum RCA Output Level and Impedance | 2 V/470 Ohms (Subwoofer Pre Out) |
| Frequency Response | 10 Hz–100 kHz/+1 dB, -3 dB (Direct Mode) |
| Tone Control | ±10 dB, 20 kHz (Bass) ±10 dB, 20 kHz (Treble) |
| Signal-to-Noise Ratio | 100 dB (Line, IHF-A) |
| Speaker Impedance | 6 Ohms–16 Ohms |

Video Section

| | |
|---|---|
| Input Sensitivity/Output Level and Impedance | Video 1.0 Vp–p/75 Ohms (Component Y) 0.7 Vp–p/75 Ohms (Component Pb/Cb, Pr/Cr) 1.0 Vp–p/75 Ohms (Composite) |
|---|---|

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 120V~ 60 Hz |
| Power Consumption | 4.3 A |
| No-Sound Power Consumption | 80 W |
| Standby Power Consumption | 0.1 W |
| Dimensions (W x H x D) | 17 1/8" x 6 3/16" x 12 13/16" (435 x 160 x 328 mm) |
| Weight | 17.2 lbs. (7.8 kg) |

SPEAKER SYSTEM

| | |
|------------------------------------|---|
| Speaker Type | Front 2-Way, Bass Reflex Height Full-Range, Acoustic-Suspension Center 2-Way, Bass Reflex Surround Full-Range, Acoustic-Suspension Subwoofer Bass Reflex, Powered |
| Drivers | Front 5" (12 cm) Cone Woofer 1" (2.5 cm) Balanced-Dome Tweeter 3 1/4" (8 cm) Cone Center 3 1/4" (8 cm) Cone Woofer x 2 1" (2.5 cm) Balanced-Dome Tweeter Surround 3 1/4" (8 cm) Cone Subwoofer 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 81 dB/W/m Center 86 dB/W/m Surround 81 dB/W/m |
| Max. Input Power | Front/Height/Center/Surround 130 W |
| Rated Output Power | Subwoofer 120 W (Minimum Continuous Power, 4 Ohms, 100 Hz, 1%, FTC) |
| Nominal Impedance | Front/Height/Center/Surround 6 Ohms |
| Input Sensitivity/Impedance | Subwoofer 540 mV/20 k-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 6 1/8" x 4 1/2" x 4 3/4" (109 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 3/8" x 33 1/16" x 20 1/4" (772 x 855 x 514 mm) |
| Weight | 77.2 lbs. (35 kg) |

UPC CODE

| | |
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| (B) | 751398012273 |
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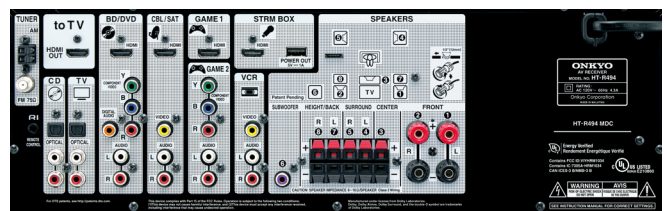
Supplied Accessories

- Indoor FM antenna • AM loop antenna • Speaker setup microphone
- Color-coded speaker cables • Subwoofer cable • Instruction manual
- Remote controller • AA (R6) batteries x 2

HTR494



Front View



Rear View

Text on receiver may vary with region.

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