

# HT-S3100 Home Entertainment 5.1-Channel Receiver/Speaker Package

**BLACK** **SILVER**


## Keeping the Focus on Real Power, Source Flexibility and Simple Connectivity

It's easy to get excited about home theater that's easy on the wallet. And in recent times, we've been spoilt for choice. The only downside is that most packaged home theater systems have largely missed the target. It's all about covering the fundamental A/V considerations—that's the design focus of the HT-S3100 5.1-channel receiver/speaker package. Where others fall short, the HT-S3100 covers today's key entertainment options—DVD video, audio CDs and digital music files, TV and satellite broadcasts, and gaming. With the reliability of component video, you can even bring Blu-ray Disc and HD DVD into the mix. And as with all Onkyo A/V components, the HT-S3100 has a trademark amplification design that puts power and precision before all else.

### HT-R340 5.1-Channel A/V Surround Home Theater Receiver

- 700 Watts into 5.1 Channels (115 Watts per Channel Minimum into 6 Ohms, 1 kHz, FTC [Front/Center/Surround]; 125 Watts Minimum into 6 Ohms, 1 kHz, FTC [Subwoofer])
- DTS<sup>®</sup>, DTS<sup>®</sup> Neo:6 5.1, Dolby<sup>®</sup> Digital, Dolby<sup>®</sup> Pro Logic<sup>®</sup> II
- 192 kHz/24-Bit DACs for All Channels
- HDTV-Capable (50 MHz) Component Video Switching (3 Inputs, 1 Output)
- 3 Digital Inputs (2 Optical, 1 Coaxial)
- 4 Composite Video Inputs and 2 Outputs
- 4 A/V Inputs and 1 Output
- 2 Audio Inputs and 1 Output
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- Optimum Gain Volume Circuitry
- A-Form Listening Mode Memory
- Non-Scaling Configuration
- OR-EQ<sup>™</sup> Equalizer Function
- Late Night Mode (High/Low/Off)
- CinemaFILTER<sup>™</sup>
- Direct Mode

- Speaker A/B Drive
- Color-Coded 5.1-Multichannel Inputs (Receive 5.1 Surround Sound from Compatible Blu-ray Disc and HD DVD Players)
- Color-Coded Speaker Terminals
- 30 FM/AM Random Presets
- "Easy-Set" Speaker Configuration
- Crossover Adjustment (40/50/60/80/100/120/150/200 Hz)
- Compatible with RI (Remote Interactive) Dock for the iPod<sup>®</sup>
- A/V Sync Control Function (Fixed at 0/20/40 ms)
- Full-Function RI (Remote Interactive) Remote Control

### HTP-360 5.1-Channel Home Theater Speaker System

#### SKF-360F 2-Way Bass Reflex Front Speakers

- 3 1/4" (8 cm) Cone Woofer
- 3/4" (2 cm) Ceramic Tweeter
- Max. Input Power: 120 W
- Magnetically Shielded

#### SKC-360C 2-Way Bass Reflex Center Speaker

- 3 1/4" (8 cm) Cone Woofer
- 3/4" (2 cm) Ceramic Tweeter
- Max. Input Power: 120 W
- Magnetically Shielded

#### SKM-360S Full-Range Bass Reflex Surround Speakers

- 3 1/4" (8 cm) Cone Woofer
- Max. Input Power: 120 W

Note: All speakers feature a gloss finish, an impedance of 6 ohms, color-coded speaker terminals, wall-mounting capability (compatible with 4-axis tilt wall mounts) and speaker cable.

#### SKW-360 Bass Reflex Subwoofer

- 8" (20 cm) Cone
- Down-firing
- Color-Coded Speaker Terminals and Speaker Cables

# HT-S3100 Home Entertainment 5.1-Channel Receiver/Speaker Package

## Drawing on the Onkyo Approach for Dynamic, Noise-Free Audio

Onkyo's High Current Power Supply (H.C.P.S.) concept ensures that you will always have the power to respond to the wide dynamics of surround sound. To complement this power capacity, it is essential to limit the effects of signal noise. When the sound is attenuated in a conventional amplifier, the audio signal drops close to the noise floor at low volumes, thereby tainting the signal. The noise that results is magnified when the signal is amplified. Onkyo's Optimum Gain Volume Circuitry adjusts the gain so that less than half the standard amount of attenuation is necessary. The signal never comes close to the noise floor, thereby eliminating the possibility of the noise found in conventional volume-attenuation designs.

## Component Video Switching (50 MHz) Passing 720p/1080i to HDTVs

With three component video inputs, you can have up to three of today's latest A/V components—think Blu-ray Disc and HD DVD players, hard disc recorders, DVD players, cable/satellite boxes, and gaming consoles such as the Xbox, PlayStation and Nintendo Wii—connected simultaneously for output to the latest flat-panel and rear-projection displays. With a frequency range out to 50 MHz, you have more than enough bandwidth to pass a 720p or 1080i signal (which require at least 37 MHz of bandwidth) to a high-definition display.

## Speaker Package with Gloss Finish and Easy Wall Mounting

The HTP-360 5.1 speaker system's compact, contemporary design is an ideal match for flat-screen displays. The gloss finish of the speakers accentuates the minimalist styling of today's displays. What's more, the speakers have 4-axis tilt mounts that allow them to be wall-mounted in the right environment.

## DTS Neo:6 5.1 and Dolby Pro Logic II for Enhanced Surround Decoding

DTS Neo:6 5.1 is an advanced matrix decoder that takes any two-channel source (from, say, a television broadcast, CD or DVD) and expands it into a surround sound field for a 5.1-channel system. It also provides separate, optimized modes for stereo music materials and matrix surround movie soundtracks. An equivalent technology from Dolby Digital, Pro Logic II, also brings you multichannel sound from regular stereo, for a more expansive home cinema experience.

## CinemaFILTER and OR-EQ Equalizer to Enliven the Experience

The tonal balance of a film soundtrack can be edgy and "bright" when played back over audio equipment in your home. This is because film soundtracks are designed to be played back in large theaters using heavy-duty equipment. CinemaFILTER restores the correct tonal balance for playing a movie soundtrack in the smaller confines of your home theater. CinemaFILTER can be used with DTS and Dolby listening modes, and is easily activated from your remote control. Also, if you use the OR-EQ equalizer button, you'll get a more powerful, direct sound from movie sources.

## Designed for Quick Set-Up and Straightforward Connectivity

The receiver's rear panel is designed so that you can connect it easily to your A/V components and speakers. Component video inputs and output are conveniently located on the top left of the rear panel, as are the digital inputs for Dolby and DTS surround signals. These are supplemented by color-coded 5.1-multichannel inputs that can connect to compatible Blu-ray Disc and HD DVD players to receive audio output from high-definition discs.

## Compatible with the iPod Family Through the Onkyo RI Docks

The ubiquitous iPod has revolutionized how we listen to and store our music. With Onkyo's RI Docks (sold separately), you can integrate almost any iPod model with your home theater system. Using the dock also gives you additional functionality when connected through Onkyo's Remote Interactive (RI) system.

## SPECIFICATIONS

### RECEIVER SECTION

#### AMPLIFIER SECTION

<b>Power Output</b>	
Front L/R	115 W + 115 W (6 ohms, 1 kHz, FTC)
Center	115 W (6 ohms, 1 kHz, FTC)
Surround L/R	115 W + 105 W (6 ohms, 1 kHz, FTC)
<b>Dynamic Power</b>	
	180 W (3 ohms)
	140 W (4 ohms)
	95 W (8 ohms)

#### THD (Total Harmonic Distortion)

0.9% (Rated power)

#### Damping Factor

60 (Front, 1 kHz, 8 ohms)

#### Input Sensitivity and Impedance

200 mV/47 k-ohms (Line)

#### Output Level and Impedance

200 mV/470 ohms (Rec out)

#### Frequency Response

10 Hz–50 kHz/±1 dB, -3 dB (Direct mode)

#### Tone Control

±10 dB, 80 Hz (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)

0.7 Vp-p/75 ohms (Component Pb/Cb/Pr/Cr)

1.0 Vp-p/75 ohms (Composite)

#### Component Video Frequency Response

5 Hz–50 MHz

### TUNER SECTION

#### Tuning Frequency Range

FM 87.5 MHz–107.9 MHz

AM 530 kHz–1,710 kHz

#### FM/AM Preset Memory

30 stations

### GENERAL

#### Power Supply

AC 120 V, 60 Hz

#### Power Consumption

3.4 A

#### Standby Power Consumption

0.1 W

#### Dimensions (W x H x D)

17 1/8" x 5 1/8" x 14 1/8" (435 x 150 x 369 mm)

#### Weight

19.4 lbs. (9.6 kg)

### SPEAKER SECTION

#### Speaker Type

Front/Center 2-way, bass reflex

Surround Full-range, bass reflex

Subwoofer Bass reflex, passive

#### Drivers

Front 3 1/2" (8 cm) cone woofer,

1/2" (2 cm) ceramic tweeter

Center 3 1/2" (8 cm) cone woofer,

1/2" (2 cm) ceramic tweeter

Surround 3 1/2" (8 cm) cone

Subwoofer 8" (20 cm) cone

#### Frequency Response

Front/Center 80 Hz–22 kHz

Surround 80 Hz–22 kHz

Subwoofer 30 Hz–150 Hz

#### Output Sound Pressure Level

Front 82 dB/W/m

Center 82 dB/W/m

Surround 81 dB/W/m

Subwoofer 83 dB/W/m

#### Max. Input Power

Front/Center/Surround 120 W

Subwoofer 130 W

#### Nominal Impedance

Front/Center/Surround 6 ohms

Subwoofer 6 ohms

### GENERAL

#### Dimensions (W x H x D)

Front 4" x 10 1/4" x 4 1/4" (101 x 273 x 121 mm)

Center 10 1/4" x 4" x 4 1/4" (273 x 101 x 106 mm)

Surround 4" x 10 1/4" x 4 1/4" (101 x 273 x 121 mm)

Subwoofer 9 1/2" x 16 1/2" x 14 1/8" (245 x 410 x 372 mm)

#### Weight

Front 2.2 lbs. (1.0 kg)

Center 2.2 lbs. (1.0 kg)

Surround 1.5 lbs. (0.8 kg)

Subwoofer 14.6 lbs. (6.6 kg)

### CARTON

#### Dimensions (W x H x D)

21 1/8" x 27 1/8" x 18 1/8" (538 x 707 x 459 mm)

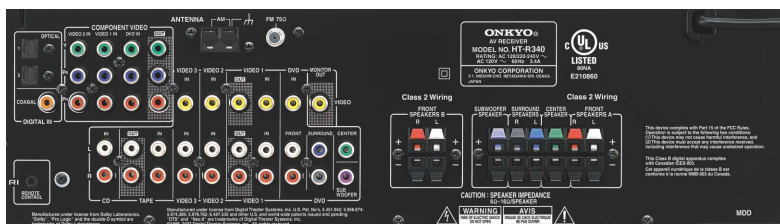
#### Weight

54.0 lbs. (24.5 kg)

### UPC CODE

(S) 751398008139

(B) 751398008122



HT-R340

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