

HT-S670

HOME ENTERTAINMENT 5.1-CHANNEL RECEIVER/SPEAKER PACKAGE

ONKYO
IMAGINATIVE SIGHT & SOUND



Available in Silver

The Perfect Match for Your DVD Player

If you're looking for the one box solution to turn any room into your own surround sound entertainment center, then stop right here. Designed to easily integrate with any DVD player, the HT-S670 combines style with power for your enjoyment. 100 watts of power to each channel are pumped out to the included speakers to surround you with the latest Dolby Digital or DTS encoded soundtracks. Onkyo exclusives like WRAT (Wide Range Amplifier Technology) and Optimum Gain Volume Circuitry give you the cleanest signal on the market. The included 5.1-channel speaker package blends style with functionality to immerse you in your movies and music. Now you can easily turn any room in the house into your own private theater with the HT-S670 home entertainment 5.1-channel receiver/speaker package from Onkyo.

Color-Coded Inputs and Outputs

Onkyo's commitment to bringing the most user-friendly designed products to market further manifests itself with color-coded inputs and outputs. Now you'll no longer have worries about which wire goes to which input or output. Simply attach the color-coded cable to the same colored input or output for fast and easy connection.

Crossover Adjustment for Bass Management

Previously crossover frequency was fixed at 80 Hz. With Crossover Adjustment, you can set the frequency at 60/80/100/120 or 150 Hz depending on your speaker's bass playback ability. This lets you more accurately match the performance characteristics of the subwoofer to your front speakers.

Optimum Gain Volume Circuitry

To produce volume at low levels, conventional volume attenuation methods must initially drop a signal close to the noise floor. This often taints the signal with a small amount of noise, which becomes amplified when the signal is amplified. Onkyo's Optimum Gain Volume Circuitry solves this problem by adjusting the gain so that less than half the typical amount of attenuation is needed. This ensures that the signal never comes close to the noise floor, and thereby eliminates the possibility of noise contamination that plagues conventional volume-attenuation designs.

Wide Range Amplifier Technology (WRAT)

This Onkyo exclusive was originally developed for our high-end receivers. It provides a movie-theater impact and sound purity that conventional receivers can't match by offering you three distinct advantages:

- 1) Low negative feedback design
- 2) Elimination of ground-potential fluctuations
- 3) High instantaneous current capability

5.1-Channel Speaker Package

Designed to instantly transform any room into an enveloping home theater. We've taken the guesswork out of matching speakers by giving you two 10 cm double cone woofer front speakers, a 10 cm double cone woofer center speaker, two 10 cm cone woofer surround speakers. All feature 2.5 cm balanced dome tweeters and color-coded speaker posts to make set up as easy as possible. To complete the home theater experience, we've also added an earth-shatteringly powerful 150 Watt subwoofer to bring out LFEs (Low Frequency Emissions) like you've never heard before.

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HT-R420 [Receiver]

- 100 W minimum of continuous RMS power to each of the five channels into 8 ohms from 20 Hz to 20 kHz with no more than 0.08% THD, FTC
- DTS, Dolby Digital, Dolby Pro Logic II decoding
- State-of-the-art linear PCM 96 kHz/24-bit DACs for all channels
- Wide Range Amplifier Technology (WRAT)
- Extended Frequency Response (10 Hz to 100 kHz)
- Optimum gain volume control circuitry
- A-Form Listening Mode Memory
- Non-scaling configuration
- Discrete output stage for all channels
- "Easy-set" speaker configuration
- CinemaFILTER
- Crossover Adjustment (60/80/100/120/150 Hz) for bass management
- 5.1-Multi-channel color-coded inputs for DVD-Audio and Super Audio CD
- 2 Digital inputs (1 coaxial, 1 optical)
- 3 S-Video inputs and 1 output
- Subwoofer Pre Out
- A/B Speaker Drive
- "Double Bass" function
- Color-coded speaker posts
- 9 DSP soundfields
- On-screen display controller
- RI Compatible Remote

HTP-420 [Speaker Package]

SKF-420 FL/FR 2-Way Front Speakers

- 10 cm Cone woofer x 2
- 2.5 cm Balanced dome tweeter
- Magnetically shielded

SKC-420C 2-Way Center Speaker

- 10 cm Cone woofer x 2
- 2.5 cm Balanced dome tweeter
- Magnetically shielded

SKM-420S 2-Way Surround Speakers

- 10 cm Cone woofer
- 2.5 cm Balanced dome tweeter
- Magnetically shielded

SKW-420 Powered Subwoofer

- Built-in 150 W dynamic power amplifier for powerful and natural sounding bass
- 20 cm Cone woofer
- Auto Standby/On

*All speakers feature 8 ohm impedance, color-coded speaker terminals and speaker cable



RI Compatible Remote



HT-R420 (front)



HT-R420 (rear)/North American model

SPECIFICATIONS

RECEIVER SECTION	SPEAKER SECTION
AMPLIFIER SECTION	
Power Output (8 Ω, 20 Hz-20 kHz, FTC)	
Front L/R.....	100 W + 100 W
Center.....	100 W
Surround L/R.....	100 W + 100 W
Power Output (8 Ω, 1 kHz, JEITA)	
Front L/R.....	140 W + 140 W
Center.....	140 W
Surround L/R.....	140 W + 140 W
Dynamic Power	
230 W + 230 W (3 Ω, Front)	170 W + 170 W (4 Ω, Front)
115 W + 115 W (8 Ω, Front)	
THD (Total Harmonic Distortion).....	
0.08 % (Rated Power)	
Damping Factor.....	
60 (Front, 1 kHz, 8 Ω)	
Input Sensitivity and Impedance	
Line.....	200 mV/47 kΩ (CD, Tape, etc.)
Output Level and Impedance	
Rec out.....	200 mV/470 Ω (Tape, Video 1)
Frequency Response.....	
10 Hz-100 kHz + 1 dB, -3 dB (Direct mode)	
Tone Control.....	
± 12 dB, 50 Hz (BASS)	
± 12 dB, 20 kHz (TREBLE)	
Signal-to-Noise Ratio.....	
100 dB (CD, IHF-A)	
Speaker Impedance.....	
8 Ω-16 Ω	
VIDEO SECTION	
Input Sensitivity/Output Level and Impedance	
Video.....	1.0 Vp-p/75 Ω (Component and S-Video Y)
	0.28 Vp-p/75 Ω (Component Pa/Ca, Pr/Ca)
	0.28 Vp-p/75 Ω (S-Video C)
	1.0 Vp-p/75 Ω (Composite)
TUNER SECTION	
[FM]	
Tuning Frequency Range.....	
87.50 MHz-108.00 MHz	
Usable Sensitivity	
FM Stereo.....	17.2 dBf, 2.0 μV (75 Ω IHF)
FM Mono.....	11.2 dBf, 1.0 μV (75 Ω IHF)
Signal-to-Noise Ratio	
FM Stereo.....	70 dB (IHF-A)
FM Mono.....	76 dB (IHF-A)
Total Harmonic Distortion	
FM Stereo.....	0.3 %
FM Mono.....	0.2 %
FM Stereo Separation.....	
45 dB at 1 kHz	
[AM]	
Tuning Frequency Range.....	
530/522 kHz-1,710/1,611 kHz	
Usable Sensitivity	
AM.....	30 μV
Signal-to-Noise Ratio	
AM.....	40 dB
Total Harmonic Distortion	
AM.....	0.7 %
GENERAL	
Power Supply.....	
AC 120-220/230 V, 50/60 Hz	
Power Consumption.....	
370 W	
Dimensions (W x H x D).....	
435 x 150 x 365 mm	
Weight.....	
8.6 kg	
SPEAKER SECTION	
Speaker Type	
Front.....	2-Way, Bass Reflex
Center.....	2-Way, Bass Reflex
Surround.....	2-Way, Bass Reflex
Subwoofer.....	Bass Reflex Powered
Drivers	
Front.....	10 cm Cone x 2
	2.5 cm Balanced dome
Center.....	10 cm Cone x 2
	2.5 cm Balanced dome
Surround.....	10 cm Cone
	2.5 cm Balanced dome
Subwoofer.....	20 cm Cone
Frequency Response	
Front.....	60 Hz-50 kHz
Center.....	60 Hz-50 kHz
Surround.....	60 Hz-50 kHz
Subwoofer.....	30 Hz-150 Hz
Sound Pressure Level	
Front.....	84 dB/W/m
Center.....	84 dB/W/m
Surround.....	82 dB/W/m
Max. Power	
Front.....	100 W
Center.....	100 W
Surround.....	100 W
Subwoofer.....	150 W
Nominal Impedance	
Front.....	8 Ω
Center.....	8 Ω
Surround.....	8 Ω
Sensitivity/Input Impedance	
Subwoofer.....	220 mV/15 kΩ
GENERAL	
Dimensions (W x H x D)	
Front.....	124 x 465 x 179 mm
Center.....	435 x 130 x 179 mm
Surround.....	147 x 280 x 124 mm
Subwoofer.....	235 x 518 x 411 mm
Weight	
Front.....	3.4 kg
Center.....	3.4 kg
Surround.....	1.7 kg
Subwoofer.....	12.8 kg

Due to a policy of continuous product improvement, Onkyo reserves the right to change specifications and appearance without notice. "Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories. "DTS" is trademark of Digital Theater Systems, Inc. "CinemaFILTER" is a trademark of Onkyo Corporation. All other trademarks and registered trademarks are the property of their respective holders.

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