

TX-SR575 7.1-Channel Home Theatre Receiver

SILVER BLACK



A Home Theatre Bonanza of Audio-Video Prowess and Precision

Without sophisticated engineering know-how and design, combining multichannel surround sound with video processing capabilities in A/V receivers presents some formidable challenges, particularly in the mid-level price range. The TX-SR575 comes up with a smart solution. Wide Range Amplifier Technology (WRAT) provides the platform for high-quality audio, while HDMI 1080p pass-thru and component video switching with upconversion capability gives you access to every video resolution available. Not simply content with giving you multi-dimensional home theatre, the TX-SR575 comes equipped with Audyssey 2EQ™ room correction technology to accurately align home theatre audio to the contours of your home. With the TX-SR575, the emphasis is on A/V power and precision.

- 160 W/Ch Minimum into 6 Ω, 1 kHz, JEITA (1 Channel Driven); 130 W/Ch Minimum into 6 Ω, 1 kHz, IEC (1 Channel Driven); 80 W/Ch Minimum into 8 Ω, 20 Hz–20 kHz, 0.08%, FTC (2 Channels Driven)
- DTS®-ES™ Discrete/Matrix, DTS® Neo:6, DTS® 96/24, Dolby® Digital EX™, Dolby® Pro Logic IIx
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- 192 kHz/24-Bit DACs for All Channels
- HDMI Pass-Thru (1080p Compatible; 2 Inputs and 1 Output)*
- HDTV-Capable (50 MHz) Component Video Switching (3 Inputs and 1 Output)
- Component Video Upconversion with Time Base Corrector (TBC)
- WRAT (Wide Range Amplifier Technology)
- High-Current, Low-Impedance Drive
- Advanced 32-Bit Processing DSP Chip
- Audyssey 2EQ to Correct Room Acoustic Problems and to Calibrate Speakers
- 4 Digital Inputs (2 Optical/2 Coaxial)
- 3 S-Video Inputs and 2 Outputs
- Subwoofer Pre Out
- CinemaFILTER™
- Pure Audio Mode
- A-Form Listening Mode Memory
- Optimum Gain Volume Circuitry
- Color-Coded 7.1-Multichannel Inputs (Receive 7.1 Surround Sound from Compatible Blu-ray and HD-DVD Players)
- Speaker A/B Drive
- Color-Coded Dual Banana Plug-Compatible Speaker Posts (Except Speaker B)
- Crossover Adjustment at 40/50/60/80/100/120/150/200 Hz for Bass Management
- A/V Synchronization Function (Up to 100 ms in 20 ms Steps)
- 40 FM/AM Random Presets
- Compatible with RI (Remote Interactive) Dock for the iPod
- Front Panel Auxiliary Input (for Camcorders, Games Consoles, etc.)
- Preprogrammed RI (Remote Interactive) Remote Control with Mode-Key LEDs

* A separate audio connection is necessary to process multichannel audio.



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HDMI Pass-Thru* for the Leading Hi-Def Displays and Media

With two HDMI inputs and one output, the TX-SR575 is the perfect complement for high-definition displays and media. With HDMI as the video conduit, the TX-SR575 will effortlessly transport and enable the full potential of Blu-ray, HD-DVD, DVD, HD broadcasts and gaming. HDMI will deliver 720p, 1080i and 1080p video signals from two sources for one connection direct to your HDTV. Its 1080p pass-thru capability is perfect for getting the highest possible video resolution from PlayStation® 3 and dedicated Blu-ray Disc and HD-DVD players.

* A separate audio connection is necessary to process multichannel audio.

Digital Inputs and 7.1 Multichannel Analog Inputs to Cover Surround Sound Formats

With 2 optical and 2 coaxial inputs covering the core suite of Dolby Digital and DTS formats, you're covered for playback of both standard- and high-definition discs. Along with 7.1 multichannel analog inputs, you're also set up for playback of the new audio formats for hi-definition formats—such as Dolby® True HD, Dolby® Digital Plus, DTS Master Audio and DTS-HD—when the audio signal is decoded in a compatible player.

Component Video Switching and Upconversion of All Other Signals

Giving you even more integration, the TX-SR575 will take up to three of the latest A/V components—including set-top boxes, DVRs and the latest gaming consoles—connected simultaneously for one component output to the latest HDTVs. With a frequency range out to 50 MHz, you have more than enough bandwidth to pass 720p and 1080i signals (which require at least 37 MHz of bandwidth) to a high-definition display. Also, any other S-Video or composite signals will be upconverted to component video with the TX-SR575's time base corrector dealing with any timing inaccuracies in the process.

Wide Range Amplifier Technology (WRAT) Providing Amplification Backbone

Without a time-tested amplifier design and precise digital-to-analog conversion process, the most advanced processing features cannot deliver a higher standard of audio from the latest high-definition video and audio formats. WRAT is based on three key factors: (1) A low negative-feedback design for cleaner audio across the frequency range; (2) Closed ground-loop circuits to cancel individual circuit noise and keep the ground potential free of distortion; and (3) A High Instantaneous-Current Capability to handle speaker reflex energy and impedance fluctuations. WRAT will bring the best out of movie, music, broadcast and gaming sources.

Audyssey 2EQ to Counteract Room Acoustic Problems and Calibrate Speakers

Audyssey 2EQ counters distortion created by walls, furniture and other objects. It detects speaker distance, and then sets levels, delays and crossovers and measures room acoustics. Compared to one-position room correction systems, Audyssey 2EQ covers a much wider listening area. Moreover, it corrects problems in both frequency response and time domain (where most of the problems lie) across the entire listening area. The results are immediately obvious—a clear, well-balanced and natural sound.

Fine-Tuning Features Including Crossover Adjustment and A/V Synchronization

With a wide-ranging crossover adjustment—40/50/60/80/100/120/150/200 Hz—the TX-SR575 gives you greater capacity to choose from a range of speaker packages. You can accurately control bass management to suit your speakers and your preferences. The A/V synchronization feature, meanwhile, addresses the problem of out-of-sync audio and video signals on DVD players using progressive scan. You can delay the audio signal up to 100 milliseconds in 20-millisecond steps to realign the audio and video output.

Fully Compatible with the iPod Family via Onkyo RI Docks

The ubiquitous iPod has revolutionized how we listen to and store our music and video. With Onkyo's RI Docks (sold separately), you can integrate virtually 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

AMPLIFIER SECTION

Power Output	
Front L/R	160 W + 160 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 130 W + 130 W (6 Ω, 1 kHz, 1 channel driven, IEC) 80 W + 80 W (8 Ω, 20 Hz–20 kHz, 0.08%, 2 channels driven, FTC)
Center	160 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 130 W (6 Ω, 1 kHz, 1 channel driven, IEC) 80 W (8 Ω, 20 Hz–20 kHz, 0.08%, 2 channels driven, FTC)
Surround L/R	160 W + 160 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 130 W + 130 W (6 Ω, 1 kHz, 1 channel driven, IEC) 80 W + 80 W (8 Ω, 20 Hz–20 kHz, 0.08%, 2 channels driven, FTC)
Surround Back L/R	160 W + 160 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 130 W + 130 W (6 Ω, 1 kHz, 1 channel driven, IEC) 80 W + 80 W (8 Ω, 20 Hz–20 kHz, 0.08%, 2 channels driven, FTC)
Dynamic Power	
	180 W (3 Ω, 1 ch) 160 W (4 Ω, 1 ch) 100 W (8 Ω, 1 ch)
THD (Total Harmonic Distortion)	
	0.08% (Rated power)
Damping Factor	
	60 (Front, 1 kHz, 8 Ω)
Input Sensitivity and Impedance	
	200 mV/47 kΩ (Line)
Output Level and Impedance	
	200 mV/470 Ω (Rec out)
Frequency Response	
	5 Hz–100 kHz+1 dB, -3 dB (Direct mode)
Tone Control	
	±10 dB, 50 Hz (Bass) ±10 dB, 20 kHz (Treble)
Signal-to-Noise Ratio	
	100 dB (Line, IIF-A)
Speaker Impedance	
	4 Ω–16 Ω or 6 Ω–16 Ω

VIDEO SECTION

Input Sensitivity/Output Level and Impedance	
Video	1 Vp-p/75 Ω (Component and S-Video Y) 0.7 Vp-p/75 Ω (Component Pb/Cs, Pr/Cs) 0.28 Vp-p/75 Ω (S-Video C) 1 Vp-p/75 Ω (Composite)
Component Video Frequency Response	
	5 Hz–50 MHz

TUNER SECTION

Tuning Frequency Range	
FM	87.5 MHz–108 MHz
AM	522 kHz–1.611 kHz
FM/AM Preset Memory	
	40 stations

GENERAL

Power Supply	AC 230 V, 50 Hz
Power Consumption	570 W
Standby Power Consumption	0.5 W
Dimensions (W x H x D)	435 x 150 x 377 mm
Weight	10.2 kg
■ CARTON	
Dimensions (W x H x D)	537 x 252 x 481 mm
Weight	12.4 kg

OTHER FEATURES

- Double Bass Function
- Non-Scaling Configuration
- Tone Control (Bass/Treble) for Front L/R Channels
- 4 Composite Video Inputs and 2 Outputs
- 4 A/V Inputs and 1 Output
- 2 Audio Inputs and 1 Output
- Late Night Mode (High/Low/Off)
- Digital Upsampling
- Display Dimmer (3 Modes)
- Headphone Jack
- Sleep Timer (via Remote)
- Battery-Free Memory Backup
- Aluminum Front Panel



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IMAGINATIVE SIGHT & SOUND

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