

TX-SR577 7.1-Channel AV Surround Home Theatre Receiver

SILVER BLACK



7.1 Channels of Surround Sound and HDMI™ Version 1.3a for High-Definition Audio and Video Formats

The TX-SR577 rewrites the rules of affordable home theatre by combining superb video processing, convenient connectivity, and 7.1 channels of spectacular high-definition audio. With its four HDMI 1.3a inputs, the TX-SR577 lets you hook up, say, a Blu-ray Disc player, an HD set-top box, an upscaling DVD player, and a PlayStation® 3 gaming system. HDMI is also the conduit for the superb, master-quality audio of Dolby® TrueHD and DTS-HD Master Audio™. The very latest Dolby technology, Dolby® Pro Logic® IIz, gives you the option of incorporating front height channels to enhance the spatial sensation of music, movies, and video games. When it comes to balancing volume levels and customizing the multichannel soundstage to the dimensions of your room, the TX-SR577 employs a suite of intelligent Audyssey surround-sound listening modes. Rounding out this versatile A/V receiver is a rear-side universal port that lets you connect an optional Onkyo Dock for the iPod or Onkyo DAB+ Radio Tuner.

1080p Video and High-Def Surround Sound via HDMI 1.3a*

Incorporating HDMI version 1.3a, along with advanced processing capabilities, the TX-SR577 makes for a powerful A/V control center. Up to four components can be connected via HDMI, including Blu-ray Disc players, gaming consoles, and set-top boxes. The TX-SR577 can receive and switch high-def media, such as HD broadcasts and Blu-ray Discs, and send a pure digital output to your HDTV. What's more, all multichannel audio—from bit-for-bit streams to standard Dolby Digital—can be input via HDMI for processing on the TX-SR577. HDMI version 1.3a enables CEC (Consumer Electronics Control) and offers greater bandwidth to deal with higher resolutions, 36-bit Deep Color™, and high frame rates.

*HDMI version 1.3a supports Deep Color™, x.v.Color™, LipSync, Dolby TrueHD, DTS-HD Master Audio, DVD-Audio, Super Audio CD, and CEC.

Dolby Pro Logic IIz for a 3-Dimensional Sound Field

Dolby Pro Logic IIz offers the proven quality of Dolby Pro Logic IIx and adds a new vertical dimension to your home theatre soundstage. As with previous versions of Dolby Pro Logic, this latest version delivers a convincing surround-sound experience from any movie or music source—even a stereo one. On the TX-SR577, Dolby Pro Logic IIz enables you to incorporate two “front height” speakers into your surround-sound set-up as an alternative to the two surround back speakers. The front height channels carry ambient, non-directional audio that helps immerse you even more deeply into your movies and games. With Dolby Pro Logic IIz, rain seems to burst from clouds right above you, and helicopters fly realistically overhead.

A Full Range of the Latest High-Definition Surround-Sound Codexes

The TX-SR577 handles Dolby TrueHD and DTS-HD Master Audio—two lossless decoding formats that enable delivery of a bit-for-bit soundtrack identical to the studio master track. Both codexes take advantage of the high data capacity of the Blu-ray Disc (BD) format. Another BD-related technology is DTS-HD Express, which provides access to secondary audio features. The TX-SR577 also handles two “lossy” audio formats: Dolby® Digital Plus and DTS-HD High Resolution Audio™. Dolby Digital Plus is designed to accompany high-definition video delivered via disc media, broadcasts, and online content. DTS-HD High Resolution Audio, meanwhile, offers a greater bit rate, a higher sampling rate, and more channels than the core DTS technology.

A Suite of Audyssey Technologies for the Ideal Listening Environment

The TX-SR577 has three Audyssey technologies to help create the most suitable listening environment for your home.

(1) Audyssey 2EQ™ for Room Acoustic Correction

Tailors multichannel audio for your home theatre by correcting problems both in frequency response and in the time domain (where most of the problems lie) for a clear, precise, and natural sound.

(2) Audyssey Dynamic Volume™

Maintains the desired listening level for all content while optimizing the dynamic range.

(3) Audyssey Dynamic EQ™ for Loudness Correction

Solves the problem of deteriorating sound quality at lower volumes.



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Universal Port for Single-Cable Connection of Optional Onkyo Dock for the iPod or DAB+ Radio Tuner

The TX-SR577 features a proprietary universal port, located on the rear side of the unit, to which you can connect Onkyo's DAB+ Radio Tuner or Dock for the iPod. The dock sends both video and audio signals through a single cable. Earlier versions of Onkyo's Dock for the iPod can be connected via our Remote Interactive (RI) system.

Music Optimizer™ and Convenient Front-Panel Audio Input for Portable Devices

An audio input on the front panel of the TX-SR577 enables you to connect your iPod or other MP3 player directly to the system. The TX-SR577's onboard Music Optimizer technology then works to enhance the quality of your compressed digital music files by compensating for bit information lost at higher frequencies.

Four Game Modes for More Thrilling Action

A new addition to Onkyo home theatre, these four gaming modes create an experience with more realism and impact. You can select from Rock, Sports, Action, or Role Playing Game (RPG) modes to match your gaming content.

Playback of Different Audio Sources in Two Different Zones

With Powered Zone 2 and a Zone 2 line-out, you can enjoy surround-sound entertainment in the main room while you play back a completely different stereo source in a second zone equipped with an amplifier or a pair of speakers.

Bi-Amping Capability for High-Impact Movies and Music

The TX-SR577's surround back speaker channels provide the ambience and effects for movies. They can also be used with the front left and right channels to provide two separate amplification channels for compatible bi-amping speakers (i.e., those with two sets of input terminals). In effect, bi-amping gives a more powerful, dynamic soundfield for two-channel music and movie sound effects.

ADVANCED FEATURES

- DTS-HD Master Audio™, DTS-HD High Resolution Audio™, DTS-HD Express, Dolby® TrueHD, Dolby® Digital Plus, Dolby® Pro Logic® IIz Decoding
- HDMI™ Version 1.3a to Support Deep Color™, x.v.Color™, LipSync, Dolby TrueHD, DTS-HD Master Audio, DVD-Audio, Super Audio CD, and CEC
- HDMI Audio and Video Processing (1080p; 4 Inputs and 1 Output)
- HDTV-Capable HDMI Video Switching
- Audyssey 2EQ™ to Correct Room Acoustic Problems
- Audyssey Dynamic Volume™ to Maintain Optimal Listening Level and Dynamic Range
- Audyssey Dynamic EQ™ for Loudness Correction
- Powered Zone 2 and Zone 2 Line-Out for Playback in Another Room (Separate Source)
- Bi-Amping Capability for Music and Movie Sound Effects
- 4 DSP Modes for Gaming: Rock, Action, and Role Playing Game (RPG)

- Universal Port for Single-Cable Connection of Optional Onkyo Dock for the iPod or DAB+ Radio Tuner
- Front-Panel Audio Input for Portable Devices

AUDIO & VIDEO FEATURES

- 130 W/Ch at 6 Ω, 1 kHz, 1 Channel Driven, IEC
- DTS-ES™ Discrete/Matrix, DTS Neo:6®, DTS 96/24™, Dolby® Digital EX™ Decoding
- DTS Surround Sensation® Speaker Technology
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- 192 kHz/24-Bit DACs for All Channels
- Advanced 32-Bit Processing DSP Chip
- 4 Digital Inputs (2 Optical and 2 Coaxial)
- Front-Panel Auxiliary A/V Input (for Camcorders, Game Consoles, etc.)
- HDTV-Capable (720p/1080i) Component Video Switching (2 Inputs and 1 Output)
- Optimum Gain Volume Control Circuitry
- WRAT (Wide Range Amplifier Technology)
- Music Optimizer for Compressed Digital Music Files
- Theater-Dimensional Virtual Surround Function
- CinemaFILTER™
- RIHD (Remote Interactive over HDMI) for System Control
- A-Form Listening Mode Memory
- Double Bass Function
- Pure Audio Mode
- Direct Mode
- Crossover Adjustment (40/50/60/80/100/120/150/200 Hz)
- A/V Sync Control Function (Up to 100 ms in 20 ms Steps)
- Subwoofer Pre Out
- Banana Plug-Compatible Speaker Posts (Except Zone 2)
- Color-Coded Speaker Terminals
- RDS (PS/RT/PTY/TP)
- 40 FM/AM Radio Presets
- Compatible with RI (Remote Interactive) Dock for the iPod
- Preprogrammed RI (Remote Interactive) Remote Control

- Headphone Jack
- Sleep Timer (via Remote)
- Battery-Free Memory Backup

SPECIFICATIONS

Amplifier Section

| Power Output | |
|---------------------------------|--|
| Front L/R | 130 W/Ch (6 Ω, 1 kHz, 1 channel driven, IEC) |
| Center | 130 W (6 Ω, 1 kHz, 1 channel driven, IEC) |
| Surround L/R | 130 W/Ch (6 Ω, 1 kHz, 1 channel driven, IEC) |
| Surround Back L/R | 130 W/Ch (6 Ω, 1 kHz, 1 channel driven, IEC) |
| 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% (1 kHz, 1W Output) |
| Damping Factor | |
| | 60 (Front, 1 kHz, 8 Ω) |
| Input Sensitivity and Impedance | |
| | 200 mV/47 kΩ (Line) |
| Output Level and Impedance | |
| | 200 mV/2.2 kΩ (Rec out) |
| Frequency Response | |
| | 5 Hz–100 kHz/+1 dB, -3 dB |
| Tone Control | |
| | ±10 dB, 50 Hz (Bass) |
| | ±10 dB, 20 kHz (Treble) |
| Signal-to-Noise Ratio | |
| | 106 dB (Line, IHF-A) |
| Speaker Impedance | |
| | 4 Ω–16 Ω or 6 Ω–16 Ω |

Video Section

| Input Sensitivity/Output Level and Impedance | |
|--|--|
| Video | 1.0 Vp–p/75 Ω (Component) |
| | 0.7 Vp–p/75 Ω (Component Ps/Cs, Ph/Cs) |
| | 1.0 Vp–p/75 Ω (Composite) |

Component Video Frequency Response

| | |
|--|--------------------|
| | 5 Hz–50 MHz, -3 dB |
|--|--------------------|

Tuner Section

| Tuning Frequency Range | |
|------------------------|-------------------|
| FM | 87.5 MHz–108 MHz |
| AM | 522 kHz–1,611 kHz |
| FM/AM Preset Memory | |
| | 40 stations |

General

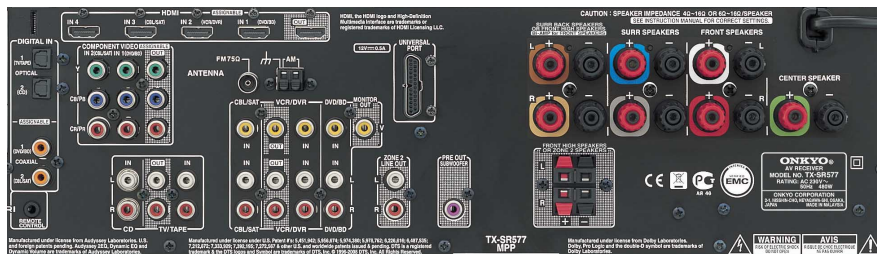
| | |
|------------------------|----------------------|
| Power Supply | AC 230 V~, 50 Hz |
| Power Consumption | 480 W |
| Dimensions (W x H x D) | 435 x 151.5 x 329 mm |
| Weight | 9.7 kg |

■ CARTON

| | |
|------------------------|-------------------|
| Dimensions (W x H x D) | 537x 268 x 416 mm |
| Weight | 11.5 kg |

OTHER FEATURES

- Non-Scaling Configuration
- Tone Control (Bass/Treble) for Front L/R Channels
- 4 A/V Inputs and 1 Output
- Video Output (Monitor)
- 2 Audio Inputs and 1 Output
- Display Dimmer (Normal/Dim/Dimmer)



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IMAGINATIVE SIGHT & SOUND

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