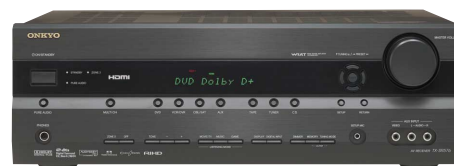


TX-SR576 7.1-Channel Home Theatre Receiver

SILVER BLACK



Entry-Level Home Theatre with a Remarkable Difference—High-Def 1080p Video and Dolby® Digital Plus Surround Sound

Bringing both high-definition audio and video into an entry-level Onkyo A/V receiver for the first time, the TX-SR576 breaks barriers that were thought impregnable just a short time ago. Thanks to the TX-SR576's HDMI platform, this receiver stands out with three masterful high-def advantages: 1) The ability to switch three 1080p video sources; 2) The scope to handle enhanced Dolby Digital Plus encoded audio; and 3) The capability to integrate and operate compatible components from the leading consumer electronics brands. In recognition of the need for home theatre to adapt to spacious living rooms as well as to cozy apartment spaces, the TX-SR576 features new Audyssey technologies that let you tailor surround sound to your home and ensure an enveloping soundscape, even at low volumes. When it comes to digital music, this receiver draws on Onkyo's own technology to spark life into digital audio files such as MP3s.

Processing 1080p Video and Audio via High-Definition Multimedia Interface (HDMI)

With three HDMI inputs, the TX-SR576 can receive and switch the latest high-definition components—Blu-ray Disc and upscaling DVD players; Xbox and PlayStation 3 gaming consoles; satellite and cable boxes; and media centers—for a pure, one-cable digital connection to an HDTV. The TX-SR576 is capable of receiving and switching 1080p video, as well as processing multichannel surround sound via an onboard Dolby Digital Plus decoder.

Dolby Digital Plus Decoding for Multichannel Recordings and Broadcasts

Dolby Digital Plus provides the flexibility and efficiency to deliver more channels of compelling surround sound for high-definition video delivery by cable and direct broadcast satellite (DBS), disc-based media, and online content. The superior coding efficiencies of Dolby Digital Plus enable a high-quality multichannel audio experience without negatively impacting bit budgets allocated for video performance or additional feature sets. The TX-SR576's onboard Dolby Digital Plus decoder directly processes any multichannel source encoded in this format. It also handles the range of Dolby Digital formats usually found on DVD video.

RIHD (Remote Interactive over HDMI) for System Control

The TX-SR576 offers integrated system control with selected HDMI-compatible high-definition displays, DVD and hard-disk recorders, and

Blu-ray Disc players. With one remote control, you can control several functions, including Standby, Volume Command and Direct Change. RIHD lets you seamlessly integrate the TX-SR576 with other leading brand-name devices including those in the Panasonic VIERA Link™, Toshiba CE-Link™, Sharp AQUOS Link, and Samsung AnyNet+ ranges.

Correcting Room Distortion and Loudness with Audyssey 2EQ™ and Audyssey Dynamic EQ™

The TX-SR576 uses Audyssey 2EQ to counter distortion created by walls, furniture, and other objects. This technology detects speaker distance, and then sets levels, delays, and crossovers, while also measuring 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.

After 2EQ calibration, Audyssey Dynamic EQ solves the problem of deteriorating sound quality at lower volumes. The professionals who create music and movies do so at reference levels much louder than typical home listening levels. When volume is reduced on a standard home theatre receiver, the bass disappears, voices change, and the surround soundstage becomes less enveloping. As volume is adjusted on the TX-SR576, however, Dynamic EQ selects the best possible frequency response and surround levels moment-by-moment, resulting in an ideal listening experience at any volume level.



TX-SR576 7.1-Channel Home Theatre Receiver

Music Optimizer to Support Compressed Digital Music Files

While MP3 or AAC files may sound fine on a portable digital player, the limitations of these compressed files can be exposed when played back through a home entertainment system. Onkyo has designed onboard Music Optimizer technology to improve the quality of compressed audio signals. Compressed music loses a substantial amount of bit information at higher frequencies, so the Music Optimizer technology works to overcome this limitation and enhance audio quality.

Playback of Different A/V 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.

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-SR576 gives you greater flexibility in choosing 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.

Bi-Amping Capability for High-Impact Movies and Music

The TX-SR576'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.

Fully Compatible with the iPod Family, Courtesy of the Onkyo RI Dock

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

ADVANCED FEATURES

- HDTV-Capable HDMI Video Switching (1080p; 3 Inputs and 1 Output)
- Dolby Digital Plus Decoding
- RIHD (Remote Interactive over HDMI) for System Control
- Audyssey 2EQ to Correct Room Acoustic Problems and to Calibrate Speakers
- 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

AUDIO & VIDEO FEATURES

- 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
- HDTV-Capable (720p/1080i) Component Video Switching (2 Inputs and 1 Output)
- WRAT (Wide Range Amplifier Technology)
- Advanced 32-Bit Processing DSP Chip
- 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
- Music Optimizer for Compressed Music Files
- Double Bass Function
- Color-Coded 7.1-Multichannel Inputs (Receive 7.1 Surround Sound from Compatible Blu-ray Disc Players)
- Dual Banana Plug-Compatible Speaker Posts (Except Zone 2)
- 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)
- Compatible with RI (Remote Interactive) Dock for the iPod
- Front Panel Auxiliary Input (for Camcorders, Game Consoles, etc.)
- Newly Designed Preprogrammed RI (Remote Interactive) Remote Control with Mode-Key LEDs

OTHER FEATURES

- 40 FM/AM Radio Presets
- 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
- Digital Upsampling
- Display Dimmer (Normal/Dim/Dimmer)
- Headphone Jack
- Sleep Timer (via Remote)
- Battery-Free Memory Backup

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, 1kHz, 1 channel driven, JEITA) 130 W (6 Ω, 1kHz, 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/2.2 kΩ (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, IHF-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/Cb, Pr/Cr) 0.28 Vp-p/75 Ω (S-Video C) 1 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 150 x 379.2 mm |
| Weight | 10.6 kg |

■ CARTON

| | |
|------------------------|--------------------|
| Dimensions (W x H x D) | 537 x 268 x 465 mm |
| Weight | 12.8 kg |



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IMAGINATIVE SIGHT & SOUND

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