

TX-SR383 7.2-Channel A/V Receiver



Add thrilling 7.2-ch surround-sound to 4K HDR entertainment

Invest in class-beating surround-sound rather than features you mightn't need with the Onkyo TX-SR383. Seven discrete analog amps powered by a high-output transformer let you connect Front Height or Rear Surround speakers, expanding to a 7.2-channel layout. Experience native high-resolution 7.1 DTS-HD Master Audio™ and 7.1 Dolby® TrueHD soundtracks from Blu-ray Disc™ and more, while AccuEQ-calibrated speakers assure clear and accurate imaging. Alternatively, distribute audio entertainment to speakers in another room via Powered Zone 2 outputs while retaining a 5.2-channel setup in your media room. HDMI® terminals support 4K/60p video, HDR, BT.2020, and HDCP 2.2, and a rear output powers select HDMI media streaming sticks. For music, enjoy lossless CD-like audio transmission via Bluetooth® technology from your Qualcomm® aptX™-ready mobile or PC. The TX-SR383 makes daily entertainment a satisfying multi-sensory experience at the right price.

HIGHLIGHTS

- 155 W per channel
- Dolby® TrueHD and DTS-HD Master Audio™ decoding
- HDMI® 4 In / 1 Out (HDR10/HLG/BT.2020/HDCP 2.2)
- High-current power and discrete amp circuits
- Powered Zone 2 audio / 7.2-channel surround sound
- AccuEQ room acoustic calibration
- Bluetooth® wireless technology and Qualcomm® aptX™ audio

ADVANCED FEATURES

- HDR10, HLG, BT.2020, and 4K/60 Hz video pass-through and HDCP 2.2-protected video playback via HDMI
- AccuEQ room acoustic calibration technology
- Bluetooth wireless technology*1 and Qualcomm aptX audio streaming from mobile, laptop, and PC*2 at CD-like quality
- Advanced Music Optimizer improves compressed audio playback quality
- Supports native 7.1 Dolby® TrueHD and 7.1 DTS-HD Master Audio™ playback
- Dolby® Pro Logic IIz upmixing for stereo and multichannel soundtracks
- Independent simultaneous multi-room audio playback via Powered Zone 2 speaker outputs*3

AMPLIFICATION FEATURES

- 155 W/Ch (6 ohms, 1 kHz, 10% THD, 1 channel driven), 80 W/Ch (8 ohms, 20 Hz–20 kHz, 0.08% THD, 2 channels driven, FTC)
- 7-channel analog amplification system
- Discrete output-stage circuitry
- High-output power supply

PROCESSING FEATURES

- HDMI supporting 4K/60 Hz, HDR10, HLG, BT.2020, 3D, Audio Return Channel, DeepColor™, x.v.Color™, and LipSync
- Dolby TrueHD and DTS-HD Master Audio decoding
- Dolby® Pro Logic IIz upmixing for stereo and multichannel soundtracks
- Quality 192 kHz/24-bit multichannel DAC
- SACD playback via HDMI (2.8 MHz, 2 channels)
- Direct mode for high-fidelity stereo listening

CONNECTION FEATURES

- 4 HDMI inputs and 1 output with ARC (Audio Return Channel) and CEC (Consumer Electronics Control) for compatible TV displays
- Front USB input for MP3/WMA/AAC playback via USB storage devices
- Rear power output (5 V) supporting media streaming devices
- 2 composite video inputs and 1 output
- 2 digital audio inputs (1 optical and 1 coaxial)

- 3 analog audio inputs
- 2 subwoofer pre-outs
- Headphone jack (front)
- Setup mic input (front)

OTHER FEATURES

- A/V sync control (up to 500 ms in 5 ms steps at 48 kHz)
- HDMI pass-through function on standby
- Tone controls for front L/R channels (bass/treble)
- 3-mode display dimmer (normal/dim/dimmer)
- AM/FM tuner with 30 random presets
- Simple remote control
- Sleep timer

*1 Bluetooth Version 3.0 (Profile: A2DP, Codec: AAC/SBC/aptX). *2 Source devices must support aptX codec for lossless transmission. *3 Powered Zone 2 speaker output supports analog audio, AM/FM tuner, and Bluetooth audio distribution.

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Multi-room audio with Powered Zone 2 outputs

Got spare stereo speakers? Connect them to dedicated Powered Zone 2 speaker outputs to enjoy selected audio sources available to the receiver, including analog, AM/FM tuner, and Bluetooth® audio, in another room. Play a source in Zone 1 (Main) or Zone 2, synchronize audio playback in both rooms, or play a different audio source in each zone at the same time. Going multi-room is simple, all while retaining a 5.2-channel home theater.



Welcome to the 7.2-ch surround-sound experience

Enjoy bit-perfect high-resolution movie and game soundtracks through your surround speaker system. The TX-SR383 decodes Dolby® TrueHD and DTS-HD Master Audio™ formats common to Blu-ray Disc™ and selected video streaming services. Enhance immersion with Front Height or Surround Back speakers for playback of native or upmixed 7.1-channel movie soundtracks.



Discrete high-current amplification system

Customized transformer delivers high current instantaneously via discrete analog amps to the speakers for thrilling surround-sound performance. With high power, precise control, and low distortion, film soundtracks wrap seamlessly around your audience, while stereo music brims with energy and zest.

Supports 4K HDR video via HDMI®

Connect all your media players to the TV with one cable for neat installation. Four HDMI terminals pass the latest video formats to your compatible display, including 4K/60 Hz, HDR10, HLG, BT.2020, and premium HDCP 2.2-protected content. Output terminal supports Audio Return Channel (ARC) for amplification of TV broadcasts when the receiver is connected to an ARC-ready display.



HDCP 2.2

HDR10, HLG, BT.2020

AccuEQ room acoustic calibration

AccuEQ sets speaker parameters such as distance, output, and crossover, and then EQs to present the audio image free from distortion caused by your room acoustics. Just plug in the setup mic after connecting your speakers, follow the on-screen prompts, and enjoy automatically calibrated theater sound.

Bluetooth wireless technology and Qualcomm® aptX™ audio

Bluetooth wireless technology beams whatever's playing on your mobile device, laptop, or PC to your home theater. Devices supporting the aptX codec enable CD-like lossless playback. (Streaming device not included)



Audio playback via USB input

Connect a USB flash-memory device filled with MP3, WMA, and AAC files to the receiver's front USB input and use the remote and TV display to easily find and play your albums. Advanced Music Optimizer enriches playback quality of compressed audio files.

Connect and power a media streaming dongle

A 5 V rear-panel terminal supplies power to selected HDMI media streaming dongles, allowing you to affordably upgrade your home theater with on-demand network entertainment simply by adding one of these devices.

Advanced Music Optimizer

Lossy files such as MP3 are convenient. However, signal data lost in the compression process results in comparatively low fidelity when played through a quality amp and speakers. Advanced Music Optimizer technology developed by Onkyo restores lost information for objectively better sound with these file types. Touch a key on the remote to enable Advanced Music Optimizer mode on a variety of input sources, including audio via Bluetooth technology and USB input.

Rear-panel connection guide makes setup simple

Connections to your speakers and media players are clearly labeled and illustrated on the rear panel—the connection diagram is also readable upside down to make things easy if you're leaning over the top of the receiver.

SPECIFICATIONS

Amplifier Section

Power output (Front L/R / Center / Surround L/R)
155 W/Ch (6 ohms, 1 kHz, 10% THD, 1 channel driven)
80 W/Ch, 8 ohms, 20 Hz–20 kHz, 0.08% THD, 2 channels driven, FTC)

THD+N (Total Harmonic Distortion + Noise)
0.06% (20 Hz–20 kHz, 8 ohms, 1 channel driven, 50 W)

Input sensitivity and impedance

200 mV/47 k-ohms (line)
Frequency response 5 Hz–100 kHz/+1 dB, -3 dB (Direct Mode)
Tone control ±10 dB, 100 Hz (Bass)
±10 dB, 10 kHz (Treble)

Signal-to-Noise ratio 106 dB (Line, IHF-A)
Speaker impedance 6 ohms–16 ohms

Video Section

Input sensitivity/output level and impedance
Video 1.0 Vp-p ±5%/75 ohms (Composite)

Tuner Section

Tuning frequency range
FM 87.5 MHz–108 MHz
AM 530 kHz–1,700 kHz
FM/AM preset memory 30 stations

General

Power supply AC 120 V~, 60 Hz
Power consumption 270 W
Standby power consumption 0.2 W

Dimensions (W x H x D) 17 1/8" x 6 7/8" x 12 7/8"
(435 x 168 x 326.5 mm)

Weight 18.1 lbs. (8.2 kg)

CARTON

Dimensions (W x H x D) 20 7/16" x 9 3/4" x 16 13/16"
(522 x 247 x 430 mm)

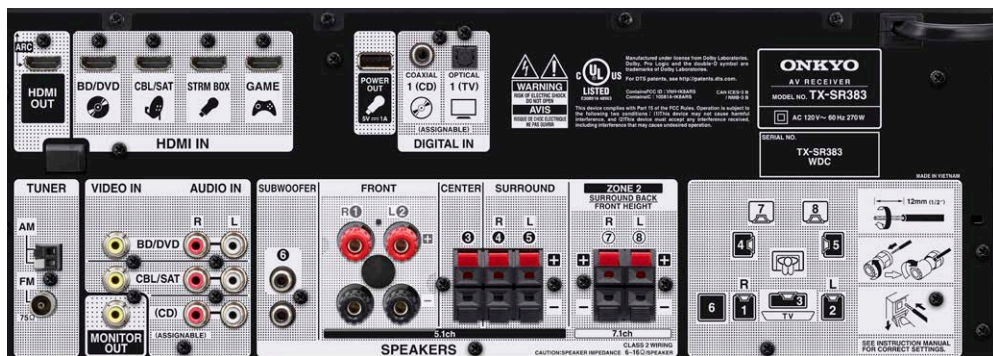
Weight 21.4 lbs. (9.7 kg)

UPC CODE

(B) 889951001355

Supplied Accessories

- Indoor FM antenna • AM loop antenna • Quick Start Guide
- Setup mic for AccuEQ • Remote controller
- AAA (R03) batteries x 2



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