

TX-8030 STEREO RECEIVER

SILVER | BLACK


 WRAT WIDE RANGE AMP TECHNOLOGY
 
 RDS RI

Streamlined Design and Clean Amplification for Two-Channel Audio

At Onkyo, our love of music runs deep. You can hear it in every audio and A/V system we make. Embodying that spirit is the TX-8030, a stereo A/V receiver with carefully selected parts and a streamlined design that brings power and finesse to your music, movies, and games. Driving it all is a massive transformer that works alongside a discrete amplifier design incorporating high-quality 8,200 μF capacitors. Onkyo's WRAT technology provides clean and precise amplification for all your favorite audio sources, while Zone 2 pre-outs let you enjoy distributed audio in a second room. The superior build quality of the TX-8030 is exemplified by its gold-plated terminals and sleek aluminum front panel.

AMPLIFIER AND CONNECTION FEATURES

- 130 W/Ch at 6 Ω , 1 kHz, 1%, 1 Channel Driven, IEC
- WRAT (Wide Range Amplifier Technology)
- Discrete Amplifier Design with Massive EI Transformer
- Two Large 8,200 μF Capacitors
- Universal Port for Onkyo Peripheral Devices Such as UP-A1 Dock for iPod/iPhone or UP-DT1 DAB+ Radio Tuner
- Pure Audio Mode
- Direct Mode
- 4 Composite Video Inputs and 2 Outputs

- 6 Analog Audio Inputs and 2 Outputs
- Phono Input
- Zone 2 Pre Outs for Distributed Audio Playback in Another Room
- Audio L/R and Subwoofer Pre Outs
- Speaker A/B Drive
- IR Input and Output
- Headphone Jack

TUNER FEATURES

- 40 FM/AM Random Presets
- RDS (PS/PTY/RT/TP)
- Direct Access Tuning with 10 Key Buttons
- Preset Station Naming (Up to 10 Characters)

OTHER FEATURES

- Aluminum Front Panel
- Anti-Vibration Oval Chassis
- Gold-Plated Audio and Video Terminals
- Banana Plug-Compatible Speaker Posts
- Independent Bass, Treble, and Balance Control
- 3-Mode Display Dimmer (Normal/Dim/Dimmer)
- Sleep Timer (via Remote)
- Battery-Free Memory Back-up
- Compatible with RI (Remote Interactive) Dock for the iPod/iPhone
- Full-Function RI Remote Control



TX-8030 STEREO RECEIVER

WRAT (Wide Range Amplifier Technology)

The TX-8030 employs a host of proprietary Onkyo technologies to ensure optimal audio performance.

Low Negative-Feedback Design

Too much NFB makes a system susceptible to counter-electromotive force from the speakers, resulting in a drop in perceived sound quality. To avoid this, Onkyo focuses on improving the frequency response and reducing distortion, without relying so much on NFB.

Closed Ground-Loop Circuits

The TX-8030 employs a sophisticated closed-circuit design in which each circuit has a separate link to the power supply. This helps to cancel individual circuit noise and keep the ground potential free of distortion.

HICC (High Instantaneous-Current Capability)

HICC enables an amplifier to immediately cancel the speakers' reflex energy and instantaneously send out the next signal. The same high current required to achieve this also supports the amplifier's ability to handle speaker impedance fluctuations.

Discrete Amplifier Design with Quality Parts

Unlike an amplifier design based on an integrated circuit (IC), a discrete amplifier design incorporates individually selected parts into the circuit board. This enables engineers to fine-tune the amplifier circuits for optimal sound quality. In the case of the TX-8030, the amplifier section also incorporates a massive EI transformer and two large 8,200 μ F capacitors that work to provide a stable current and power supply.

Play Your Audio Sources in Two Different Rooms

Zone 2 pre-outs on the TX-8030 allow you to send a stereo audio signal to a second room equipped with an amplifier and a pair of speakers. You can either enjoy the same source in both rooms, or play a different source in Zone 2.

Universal Port for Single-Cable Connection of Onkyo Peripheral Devices

A proprietary Universal Port located on the rear side of the TX-8030 lets you connect an optional UP-A1 Dock for iPod/iPhone or UP-DT1 DAB+ Radio Tuner. A key advantage of the Universal Port is that it accepts video and audio signals through the same cable that sends a power supply from the receiver to the device. Net result: more connectivity, less cable clutter.

SPECIFICATIONS

Amplifier Section

Power Output 130 W + 130 W
(6 Ω , 1 kHz, 1%, 1 channel driven, IEC)

Dynamic Power 180 W + 180 W (3 Ω)
160 W + 160 W (4 Ω)
100 W + 100 W (8 Ω)

THD+N (Total Harmonic Distortion + Noise) 0.08% (20 Hz–20 kHz, Half power)

Damping Factor 60 (1 kHz, 8 Ω)

Input Sensitivity and Impedance

Line 200 mV/47 k Ω

Phono MM 2.5 mV/47 k Ω

Rated RCA Output Level and Impedance

Rec out 200 mV/2.2 k Ω

Maximum RCA Output Level and Impedance

Rec out 2.0 V/2.2 k Ω

Phono Overload 60 mV (MM, 1 kHz, 0.5%)

Frequency Response 5 Hz–100 kHz (+1 dB, -3 dB)

Tone Control \pm 10 dB, 50 Hz (Bass)
 \pm 10 dB, 20 kHz (Treble)

Signal-to-Noise Ratio

Line 106 dB (IHF-A)

Phono MM 80 dB (IHF-A)

Speaker Impedance 4 Ω –16 Ω (A or B), 8 Ω –16 Ω (A + B)

Video Section

Input Sensitivity/Output Level and Impedance

1.0 V_{p-p}/75 Ω (Composite)

Tuner Section

Tuning Frequency Range

FM 87.5 MHz–108 MHz

AM 522 kHz–1,611 kHz

530 kHz–1,710 kHz

General

Power Supply AC 230 V~ 50 Hz

Power Consumption 278 W

Dimensions (W x H x D) 435 x 149.5 x 328 mm

Weight 8.8 kg

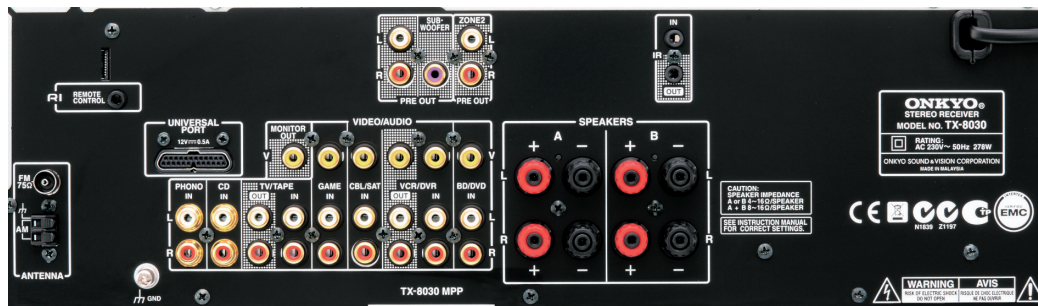
CARTON

Dimensions (W x H x D) 572 x 264 x 419 mm

Weight 11.3 kg

Supplied Accessories

- Indoor FM antenna • AM loop antenna • Instruction manual
- Remote controller • AAA (R03) batteries x 2



Due to a policy of continuous product improvement, Onkyo reserves the right to change specifications and appearance without notice. WRAT is a trademark of Onkyo Corporation. All other trademarks and registered trademarks are the property of their respective holders.

ONKYO

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