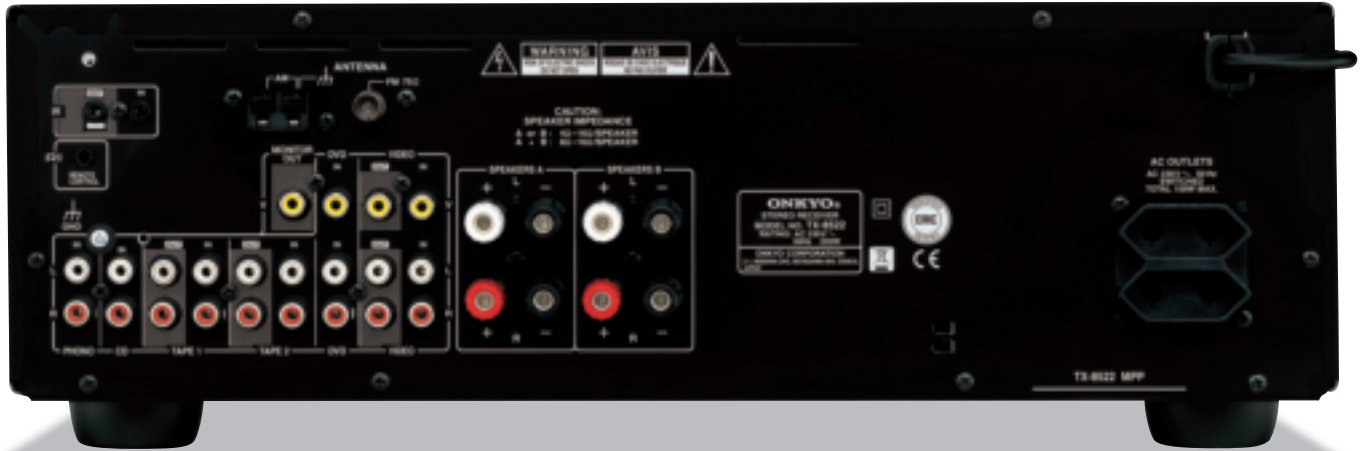




# TX-8522

STEREO RECEIVER



## Amplifier, Processing and Connectivity Features

- 130 watts per channel minimum into 4 ohms, 1 kHz, JEITA (2 channels driven)
- Wide Range Amplifier Technology (WRAT)
- High-current, low-impedance drive
- Discrete output stage circuitry
- Oversized isolated transformer
- Heavy-duty extruded heat sink for maximum heat dissipation
- A/B speaker selector and outputs to hook up an additional pair of speakers
- 3 audio and 2 A/V inputs
- Phono input
- 2 audio and 1 A/V outputs
- Monitor out
- IR input and output for second room and other component control
- Independent treble, bass and balance controls
- Video and cassette tape dubbing capability
- Tape monitor

## FM/AM Tuner Features

- 40 FM/AM random presets with station naming
- Direct access tuning with 10 key buttons

## Other Performance Features

- Pure Audio/Direct mode
- Motor-driven, precision volume control
- Headphone jack
- Audio mute, sleep timer (via remote)
- 3-Mode display dimmer (dim/dark/normal)
- Battery-free memory backup
- Non-resonant feet
- Vibration-resistant top panel
- Reinforced chassis side panels
- New slip-free rotary volume knob
- Solid aluminum front panel
- Compatible with RI Dock for the iPod
- Banana plug-compatible speaker posts
- Full-function RI (Remote interactive) remote control



Remote Control

## SPECIFICATIONS

### AMPLIFIER SECTION

<b>Power Output</b> .....	130 W + 130 W (4 Ω, 1 kHz, 2 channels driven, JEITA)
<b>Dynamic Power</b> .....	145 W + 145 W (2 Ω) 120 W + 120 W (4 Ω) 75 W + 75 W (8 Ω)
<b>THD (Total Harmonic Distortion)</b> .....	0.08 % (Rated Power)
<b>Damping Factor</b> .....	60 (1 kHz, 8 Ω)
<b>Input Sensitivity and Impedance</b>	
Phono.....	2.5 mV/50 kΩ
Line.....	150 mV/50 kΩ
<b>Output Level and Impedance</b>	
Rec out.....	150 mV/2.2 kΩ
<b>Phono Overload</b> .....	120 mV (MM, 1 kHz, 0.5 %)
<b>Frequency Response</b> .....	10 Hz-100 kHz (+1 dB, -3 dB)
<b>Tone Control</b> .....	±10 dB, 100 Hz (BASS) ±10 dB, 10 kHz (TREBLE)
<b>Signal-to-Noise Ratio</b>	
Phono.....	80 dB (IHF-A)
Line.....	100 dB (IHF-A)
<b>Speaker Impedance</b> .....	4 Ω-16 Ω

### VIDEO SECTION

<b>Input Sensitivity/Output Level and Impedance</b>	
Composite.....	1 Vp-p/75 Ω

### TUNER SECTION

<b>(FM)</b>	
<b>Tuning Frequency Range</b> .....	87.5 MHz-108.0 MHz
<b>Usable Sensitivity</b>	
Stereo.....	22.2 dBf (75 Ω IHF)
Mono.....	15.2 dBf (75 Ω IHF)
<b>Signal-to-Noise Ratio</b>	
Stereo.....	67 dB (IHF-A)
Mono.....	73 dB (IHF-A)
<b>Total Harmonic Distortion</b>	
Stereo.....	0.5 % (1 kHz)
Mono.....	0.3 % (1 kHz)
<b>Frequency Response</b> .....	30 Hz-15 kHz, ±1 dB
<b>Stereo Separation</b> .....	40 dB at 1 kHz
<b>(AM)</b>	
<b>Tuning Frequency Range</b> .....	522 kHz-1,611 kHz
<b>Usable Sensitivity</b> .....	300 μV/m
<b>Signal-to-Noise Ratio</b> .....	40 dB
<b>Total Harmonic Distortion</b> .....	0.7 %

### GENERAL

<b>Power Supply</b> .....	AC 230 V, 50 Hz
<b>Power Consumption</b> .....	220 W
<b>Standby Power Consumption</b> .....	0.3 W
<b>Dimensions (W x H x D)</b> .....	435 x 150 x 332 mm
<b>Weight</b> .....	8.4 kg

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