

  
**PIONEER**  
**MODEL**

# **SX-1500TD**

A POWERFUL RECEIVER OF TREMENDOUS POWER AND FIDELITY, BEAUTIFULLY PACKAGED IN THE MOST UP-TO-DATE DESIGN! The SX-1500TD features highly advanced circuitry. An FET front end ensures extremely sensitive FM reception. There are four IC's in the IF section for excellent selectivity, and a monolithic IC in the multiplex section for improved separation. Silicon transistors ensure low-noise music power of a tremendous 180 watts. In addition, a fine dynamic microphone comes with the SX-1500TD for microphone mixing. You can connect up to three different stereo loud-speaker systems. Uniquely attractive, with its silver and black contrast and polished rosewood end-pieces.



**PIONEER** WORLD-FAMOUS BRAND IN HI-FI REPRODUCTION

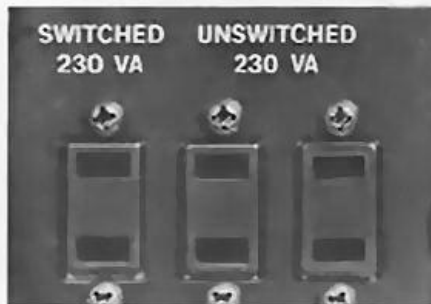
**CENTER CHANNEL OUTPUT** The SX-1500TD has a center channel output on the rear panel, providing the composite signal (L + R) for a 3-D (three-dimensional) system, when you connect another amplifier to the center channel output. In addition, stereo music can be recorded into a monophonic tape recorder with this output, which is controlled by the pre-amplifier section of the SX-1500TD.



**PHONO INPUTS** The SX-1500TD has two sets of phono inputs, enabling you to compare cartridges: PHONO 1 is for magnetic and ceramic cartridges, and PHONO 2 is for magnetic cartridges.



**AC OUTLETS** There are three AC outlets for turntables and tape decks used with the receiver: a switched AC outlet for 230 VA and two unswitched AC outlets for 230 VA.



## SPECIFICATIONS

### FM SECTION

Circuitry	Front end using FET and 4-gang variable capacitor, IF Amplifier using 4 IC's.
Frequency Range	87.5 to 108 MHz
IHF Usable Sensitivity	1.7 $\mu$ V
Capture Ratio	0.7 dB (at 98 MHz)
Image Rejection	72 dB (at 98 MHz)
Selectivity	40 dB (IHF rating)
Signal to Noise Ratio	60 dB (IHF rating)
Antenna Input	300 ohms (balanced)

### MULTIPLEX SECTION

Circuitry	Time-switching type de-modulator using IC, FM mono / stereo automatic selection
Channel Separation	38 dB (at 1 kHz)

### AM SECTION

Circuitry	Superheterodyne
Frequency Range	525 to 1805 kHz
IHF Usable Sensitivity	18 $\mu$ V
Image Rejection	77 dB (at 1000 kHz)
Antenna Input	Built-in ferrite loopstick antenna

### AUDIO SECTION

Circuitry	Single ended push-pull
Music Power Output	180 watts total at 4 ohms (IHF rating) 145 watts total at 8 ohms (IHF rating)
Continuous Power Output (each channel driven)	70 watts / 70 watts at 4 ohms 58 watts / 58 watts at 8 ohms
Harmonic Distortion	Less than 0.5% (at 1 kHz rated output)
Damping Factor	50 at 8 ohms (at 1 kHz)
Frequency Response	10 to 100,000 Hz $\pm$ 3 dB

Power Bandwidth	15 to 40,000 Hz (AUX/IHF)
Hum & Noise (at rated output)	MAG: Better than 80 dB AUX: Better than 100 dB
Inputs Impedance and Audio Sensitivity (for rated output)	MAGnetic: 3.3 mV / 50K ohms CERamic: 24 mV / 100K ohms MICrophone: 3.2 mV / 30K ohms TAPE MONITOR: 200mV / 100K ohms AUXiliary: 200mV / 100K ohms MAIN IN: 450mV / 80K ohms

Output Terminals and Jacks	Speakers: Impedance 4 to 8 ohms Stereo Headphone jack Simultaneous tape recording jacks, equipped with TAPE MONITOR switch Tape recording/playback jack (DIN standard) Pre-amplifier output jacks Center channel output jack
Equalization Curve	PHONO: RIAA
Tone Controls (each channel)	BASS: boost 11 dB, cut 16 dB (at 50 Hz) TREBLE: boost 10 dB, cut 9 dB (at 10 kHz)
Filters	LOW: cut 8 dB (at 50 Hz) HIGH: cut 6 dB (at 10 kHz)
Loudness Contour	Switchable to ON-OFF, boost 12 dB at 50 Hz, boost 9 dB at 10 kHz, with VOLUME control set at -40 dB

### POWER SUPPLY, etc.

Line Requirements	110, 117, 130, 220 and 240 volts (switchable) 50-60 Hz, 250 VA, 230 watts (Max)
Dimensions (Over-all)	18-1/16" (W) x 5-11/16" (H) x 14-1/2" (D) 459 (W) x 145 (H) x 369 (D) mm Net Net 25 lbs, 2 oz. / 11.4 kg Net 29 lbs, 2 oz. / 13.2 kg
Weight	

7001-0K2 Printed in Japan

**PIONEER**  
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