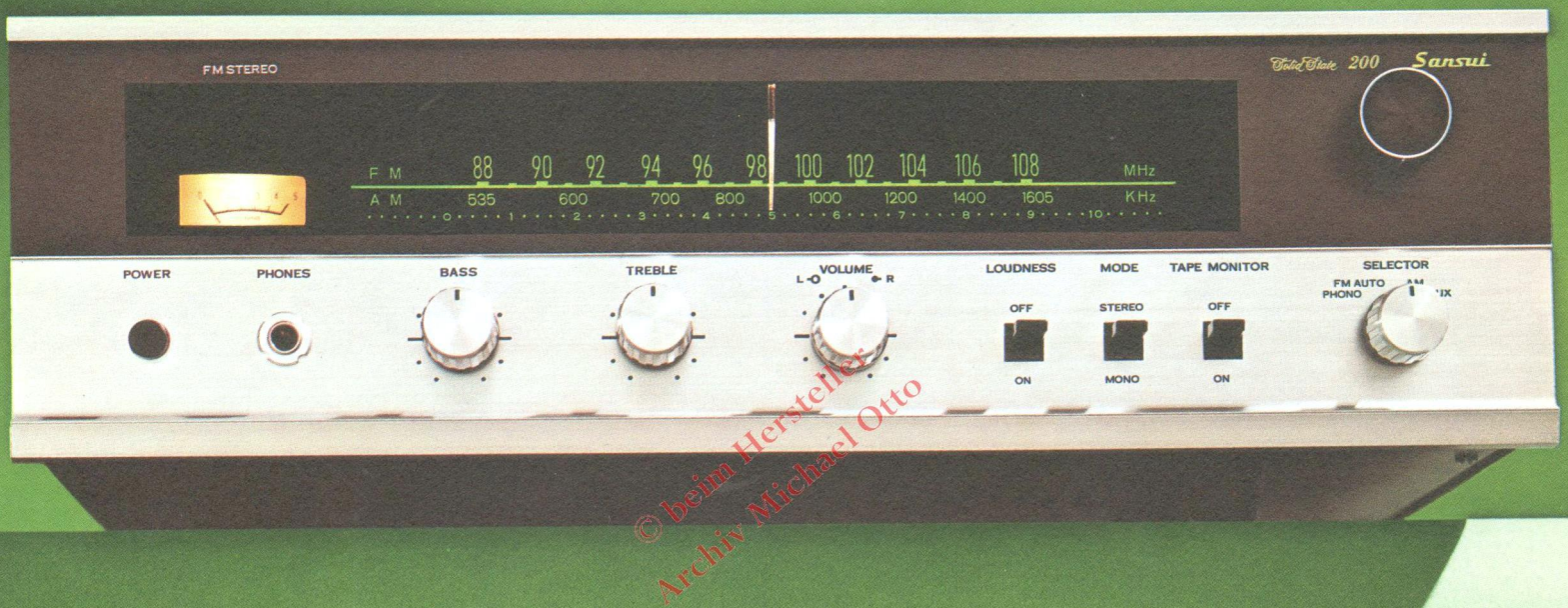


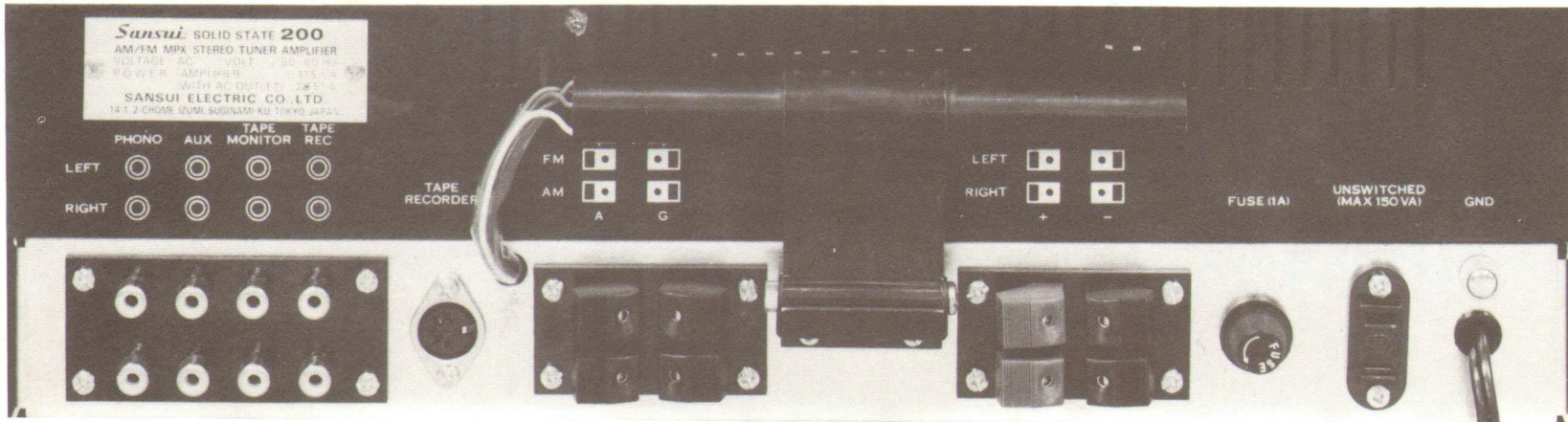
SANSUI 200



AM/FM MULTIPLEX STEREO TUNER AMPLIFIER This attractive solid state compact was created especially for the person who has never owned a quality stereo system before. Attach a small set of speaker systems to it and you're ready for rich FM stereo reception, plus regular FM and AM programs like you've never heard them before. The 200, despite its compact size and moderate price, incorporates all of Sansui's sophisticated audio know-how, such as an FET frontend for unparalleled FM sensitivity and selectivity, and automatic FM stereo/mono switching. At your convenience, you can start to add other components. A quality stereo

turntable, stereo tape deck or recorder, stereo headphones and other components. You can build the 200 into a complete audio system. At 17 watts the 200 has enough power to fill the average home without straining. Weighing only 13.2 lbs., it is lighter than many conventional radios capable of receiving AM broadcasts only. If you've thought you could never afford to move up into the world of professional stereo before, we invite you to investigate the Sansui 200 more thoroughly. We think it could change your mind completely.

sansui



FET FRONTEND: The FM tuner section of the Sansui 200 combines an FM frontend consisting of an FET and 3-ganged variable capacitors with a 3-stage IF amplifier for superior sensitivity (2.3 μ V, 20dB quieting), separation, intermodulation and image rejection figures.

SILICON TRANSISTOR CIRCUITRY: All transistors used are of top quality silicon for more stability and longer life despite fluctuations in temperature. Those used in the preamplifier are selected low-noise types.

SEPP OTL OUTPUT STAGE: The 200 incorporates a sophisticated semi-complementary Darlington SEPP OTL output stage for a music power output of 17 watts.

FM STEREO SEPARATION: The FM Multiplex circuit used in the 200 incorporates the most sophisticated switching matrix system available, providing stereo separation above 30dB while keeping distortion below 1% at 1,000Hz.

AUTOMATIC FM STEREO/MONO SWITCHING: An FM Auto circuit switches FM reception automatically from mono to stereo or stereo to mono. It is also designed to sense the intensity of stereo signals and revert to mono if the re-

ception is too weak for enjoyable stereo listening. It is linked to a stereo indicator lamp which lights up automatically whenever the stereo signal is being received.

SENSITIVE FERRITE ANTENNA: A highly sensitive ferrite bar antenna is built-in for flawless AM reception. Located on the receiver's rear panel, it is movable to enable the best positioning.

ONE-TOUCH ANTENNA TERMINALS: The terminals provided for outdoor AM or FM antennas are of the new pushbutton design. One touch makes them ready for the antenna wires. Releasing the button secures the wires. No tools are necessary.

WIDE TUNING DIAL: The dial scale window of the 200 is made of attractive smoked acryl and features a bright linear scale for the FM band. This, plus a large, easy-to-see tuning meter, make precision tuning easier than ever.

GROUND TERMINAL: This terminal permits the complete grounding of the chassis to eliminate the possibility of hum and improve the signal-to-noise ratio.

DOUBLE TRANSISTOR PROTECTION: The transistors used in the 200 are protected in two important ways: they have ample reserve power in case of overloads and they are also protected by quick-acting fuses.

FULL-SYSTEM INPUTS AND OUTPUTS: Capable of handling an entire audio system, the 200 is equipped with all the necessary input and output circuits for this purpose. These include PHONO, AUX, TAPE REC., TAPE MON., DIN connector and headphone jack circuits.

COMPLETE SOUND CONTROL: The 200 also is equipped with a full variety of accessory circuits, such as bass and treble tone controls, loudness switch, stereo/mono switch and balance control.

AC OUTLET: To handle an external audio component, the 200 has been provided with an unswitched 150VA AC outlet on its rear panel.

OPERATES ON 8 VOLTAGES: A plug-in type 8-position voltage adjuster enables the 200 to select the correct power supply voltage anywhere in the world, including areas where the power supply fluctuates substantially.

SPECIFICATIONS

AUDIO SECTION

POWER OUTPUT:

MUSIC POWER (IHF)	17W (at 4 Ω load)
	14W (at 8 Ω load)
CONTINUOUS POWER	6.5/6.5W (at 4 Ω load)
	5/5W (at 8 Ω load)

TOTAL HARMONIC DISTORTION: less than 1% at rated output

POWER BANDWIDTH (IHF): 30–25,000Hz

FREQUENCY RESPONSE (at normal listening level):

AUX OVERALL 25–30,000Hz $\pm$ 2dB

CHANNEL SEPARATION (at 1,000Hz rated output):

PHONO	better than 40dB
AUX	better than 40dB

HUM AND NOISE (IHF):

PHONO	better than 65dB
AUX	better than 70dB

INPUT SENSITIVITY (at 1,000Hz rated output):

PHONO	3mV (50k Ω)
AUX	180mV (100k Ω)
TAPE MON. (pin)	180mV (100k Ω)
TAPE RECORDER (DIN)	180mV (100k Ω)

RECORDING OUTPUT:

TAPE REC. (pin)	180mV
TAPE RECORDER (DIN)	30mV

LOAD IMPEDANCE: 4–16 Ω

DAMPING FACTOR: 35 at 8 Ω load

EQUALIZER: PHONO RIAA, NF type

TONE CONTROLS:

BASS $\pm$ 11dB at 50Hz

TREBLE	$\pm$ 8dB at 10,000Hz
LOUDNESS CONTROL:	+8dB at 50Hz, +3dB at 10,000Hz (Volume Control at –30dB)

SWITCHES:

MODE	STEREO, MONO
TAPE MONITOR	OFF, ON
SELECTOR	PHONO, FM AUTO, AM, AUX

OTHER SPECIAL FEATURES:

DIN Connector for Tape Recorder, Direct Tape Monitor, Headphone Jack

TUNER SECTION

FM:	
TUNING RANGE	88–108MHz

SENSITIVITY	(20dB quieting) 2.3 μ V (IHF) 5.5 μ V
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HARMONIC DISTORTION 1%

SIGNAL TO NOISE RATIO better than 50dB

SELECTIVITY better than 35dB at 98MHz

CAPTURE RATIO (IHF) 3.5dB

IMAGE FREQUENCY REJECTION

better than 55dB at 98MHz

better than 65dB at 98MHz

IF REJECTION

SPURIOUS RESPONSE REJECTION

better than 65dB at 98MHz

less than 34dB

SPURIOUS RADIATION

ANTENNA INPUT IMPEDANCE

300 Ω balanced

FM STEREO SEPARATION

AM:	better than 30dB
TUNING RANGE	535–1,605kHz
SENSITIVITY	51dB/m at 1,000kHz (bar antenna)
IMAGE FREQUENCY REJECTION	better than 30dB at 1,000kHz
IF REJECTION	better than 45dB
SELECTIVITY	better than 20dB

OTHER SPECIAL FEATURES:

FM Linear Dial Scale, Signal Strength Meter, Flywheel Tuning, AM Ferrite Bar Antenna, FM Stereo Auto, FM SCA Filter

TRANSISTORS AND DIODES:

Transistors–29;	FET–1;
Varistors–2;	Diodes–14;

POWER REQUIREMENTS:

POWER VOLTAGE	100, 110, 117, 127, 220, 230, 240, 250V 50/60Hz
POWER CONSUMPTION	45VA (Max. Signal)

DIMENSIONS:

4 $\frac{3}{4}$ "H x 15 $\frac{3}{4}$ "W x 11"D

WEIGHT:

13.2 lbs.