

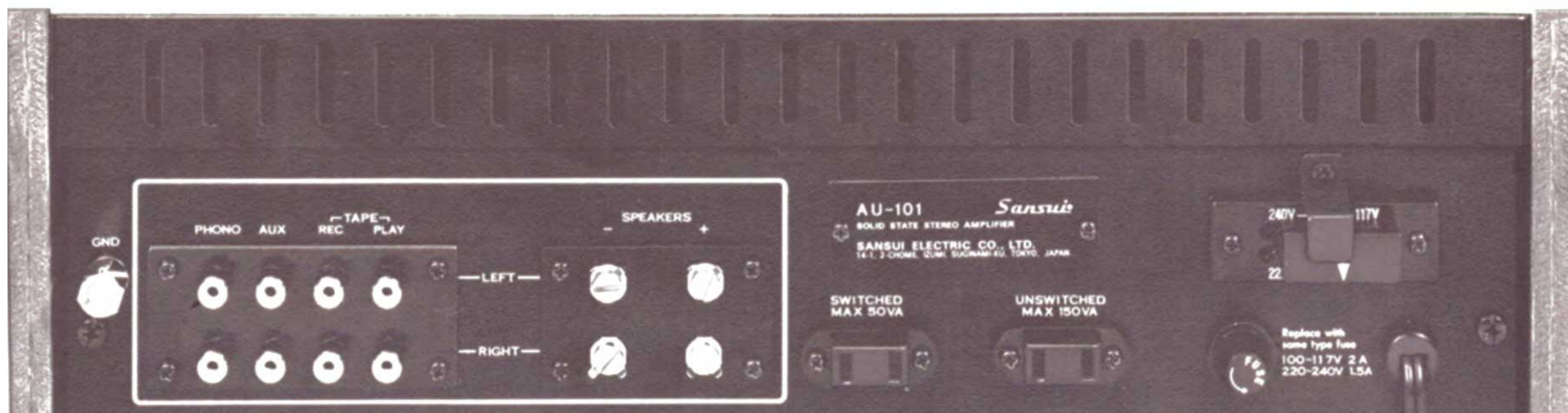
SANSUI AU101



SOLID STATE INTEGRATED AMPLIFIER Now, Sansui brings the added professionalism of the solid state integrated amplifier within the means of every stereo enthusiast with this new inexpensive compact, the AU-101. Offering features and performance way out of proportion to its size and its modest price tag, the 50 watt AU-101 is an exceptionally well-engineered unit that can add greatly to the pleasure of any dedicated music buff. It has a wide 25 to 40,000Hz power bandwidth and limits distortion to less than 0.8%. No other integrated amplifier in its price

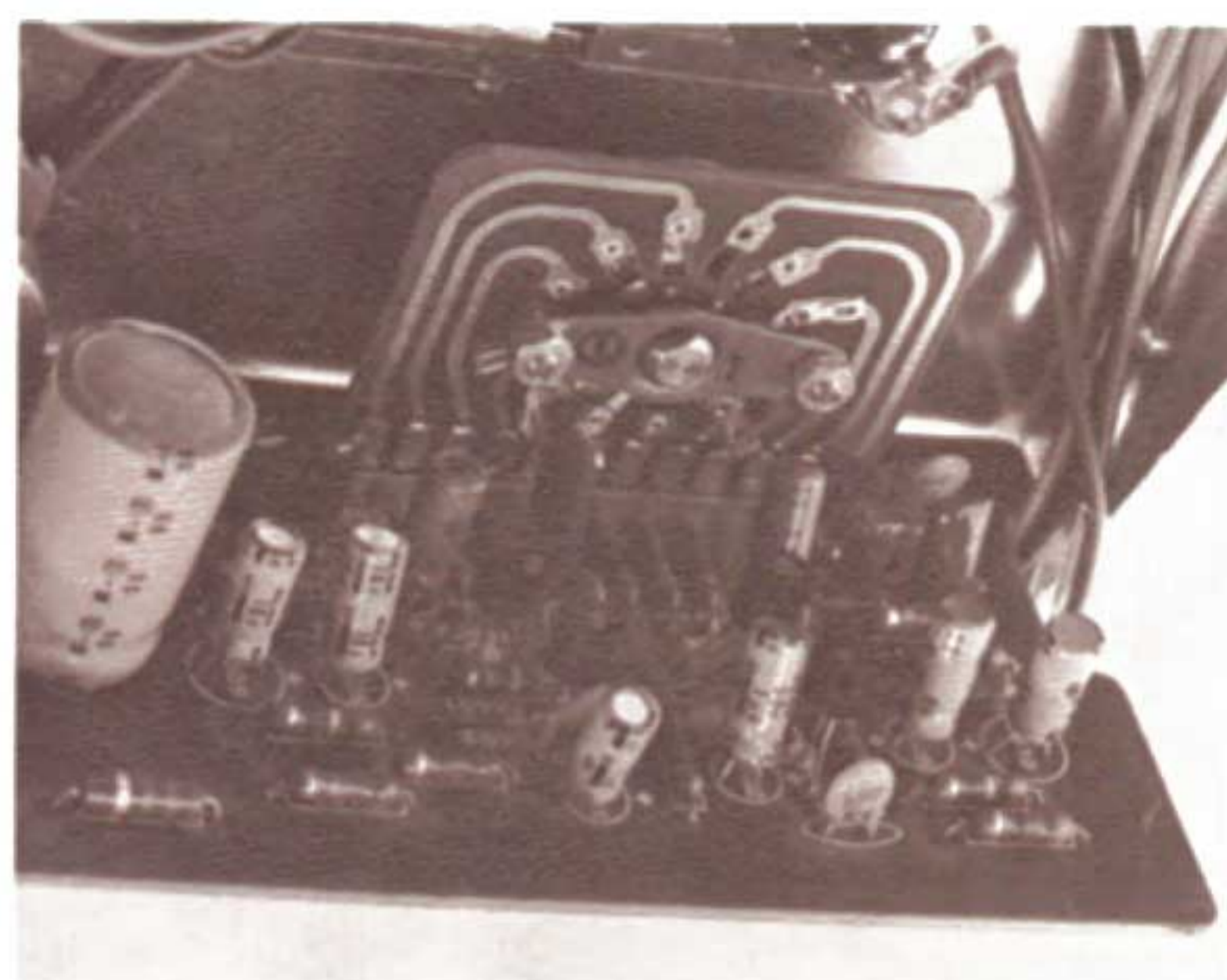
range offers as much. The AU-101 is designed for exceptional ease of operation and is complete with a full system of accessory circuits. Sansui's painstaking engineering has seen to it that the AU-101 has overcome all the defects hitherto common to preamplifier/power amplifier combinations in this low price range. The AU-101 is an integrated amplifier that just about anybody can afford. And that few serious stereo enthusiasts can afford to be without.





ALL-SILICON TRANSISTORS: The AU-101 is a perfect example of what even a low-cost integrated amplifier can sound like if it is given low-noise, stable silicon transistors in all its amplifier stages.

LOW-NOISE PREAMPLIFIER SECTION: The preamplifier section of the AU-101 makes use of only carefully selected low-noise silicon transistors for minimized distortion and an exceptional S/N ratio, as well as a very wide dynamic range. Their effectiveness is evident in the fine-grained, linear sound that the unit reproduces.



SEMI-COMPLEMENTARY ITL-OTL CIRCUIT: The power amplifier section adopts a semi-complementary Darlington ITL (input-transformer-less)-OTL (output-transformer-less) design. It affords exceptional output characteristics, such as music power output of 50 watts (IHF), continuous output of 18 watts per channel, distortion factor of less than 0.8% and power bandwidth of 25 to 40,000Hz.

FULL TRANSISTOR PROTECTION: The all-important power transistors are very carefully protected in the AU-101. Besides the fact that it employs power transistors with superior anti-breakdown capabilities, the unit adopts a circuit system that minimizes the possibility of damage to them. There are also special "power transistor protection fuses" to doubly ensure their safety.

RATIONAL, ADJUSTMENT-FREE CIRCUITRY: The AU-101 consists of a number of printed circuit boards employing carefully selected quality parts. Rationally laid out and easy to service, these printed circuit boards minimize the length of wires and cords used in the unit and give the unit exceptional performance stability.

MICROPHONE JACK: A microphone jack is provided on the front panel to permit the use of a microphone for live recording or public address usage.

SPEAKER ON/OFF SWITCH: A convenient speaker ON/OFF switch permits the operator to silence the speaker system in the event he wants to employ a headphone set to enjoy something privately or avoid disturbing others.

SOPHISTICATED STYLING: The AU-101 exhibits a sophisticated, expensive appearance any way you look at it, thanks to the use of an expensive extruded aluminum black front panel and walnut-grained side panels.

OTHER FEATURES: The AU-101 has a complete system of accessory circuits, including: 1) Loudness Control to compensate for the apparent loss of bass and treble notes when the volume is lowered; 2) DIN connector terminal on the front panel to simplify the connection of a tape recorder (deck) for both recording and playback; 3) Direct Tape Monitor circuit to add to the fun of tape recording; 4) Headphone jack for private listening; 5) Two AC outlets on the rear panel, one of which is controlled by the frontpanel POWER switch; 6) Line voltage changeover circuit to permits selecting any of four voltages in supplying power to the unit.

SPECIFICATIONS

POWER OUTPUT

MUSIC POWER (IHF)	50W at 4Ω
	44W at 8Ω
CONTINUOUS POWER	18/18W at 4Ω
	15/15W at 8Ω
TOTAL HARMONIC DISTORTION	less than 0.8% at rated output
POWER BANDWIDTH (IHF)	25-40,000Hz
FREQUENCY RESPONSE (at normal listening level)	20-60,000Hz ±2dB
CHANNEL SEPARATION (at 1,000Hz, rated output)	better than 45dB
PHONO	better than 45dB
AUX	better than 45dB
HUM AND NOISE (IHF)	
PHONO	better than 65dB
AUX	better than 75dB

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

PHONO	3mV (50kΩ)
MIC (MONO)	4mV (50kΩ)
AUX	200mV (50kΩ)
TAPE MON (PIN)	200mV (50kΩ)
TAPE RECORDER (DIN)	200mV (50kΩ)
RECORDING OUTPUT	
TAPE REC (PIN)	200mV
TAPE RECORDER (DIN)	30mV
LOAD IMPEDANCE	4-16Ω
EQUALIZER PHONO	RIAA NF type
MIC	flat NF type
STONE CONTROLS	
BASS	±13dB at 50Hz
TREBLE	±10dB at 10,000Hz

LOUDNESS CONTROL	+8dB at 50Hz/ +3dB at 10,000Hz
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GENERAL

SWITCHES	
SELECTOR	MIC/PHONO/AUX
TAPE MONITOR	SOURCE/PLAY BACK
SPEAKER	ON/OFF
SEMICONDUCTORS	
Transistors-18;	Diodes-4
POWER REQUIREMENTS	
POWER VOLTAGE	100/117/220/240V, 50/60Hz
POWER CONSUMPTION	80VA (max. signal)
DIMENSIONS	
	115mm (4 5/8")H x 407mm (16")W x 278mm (10 7/8")D
WEIGHT	5.9 kg (13 lbs.)

Design and specifications subject to change without notice for improvements.

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Sansui

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