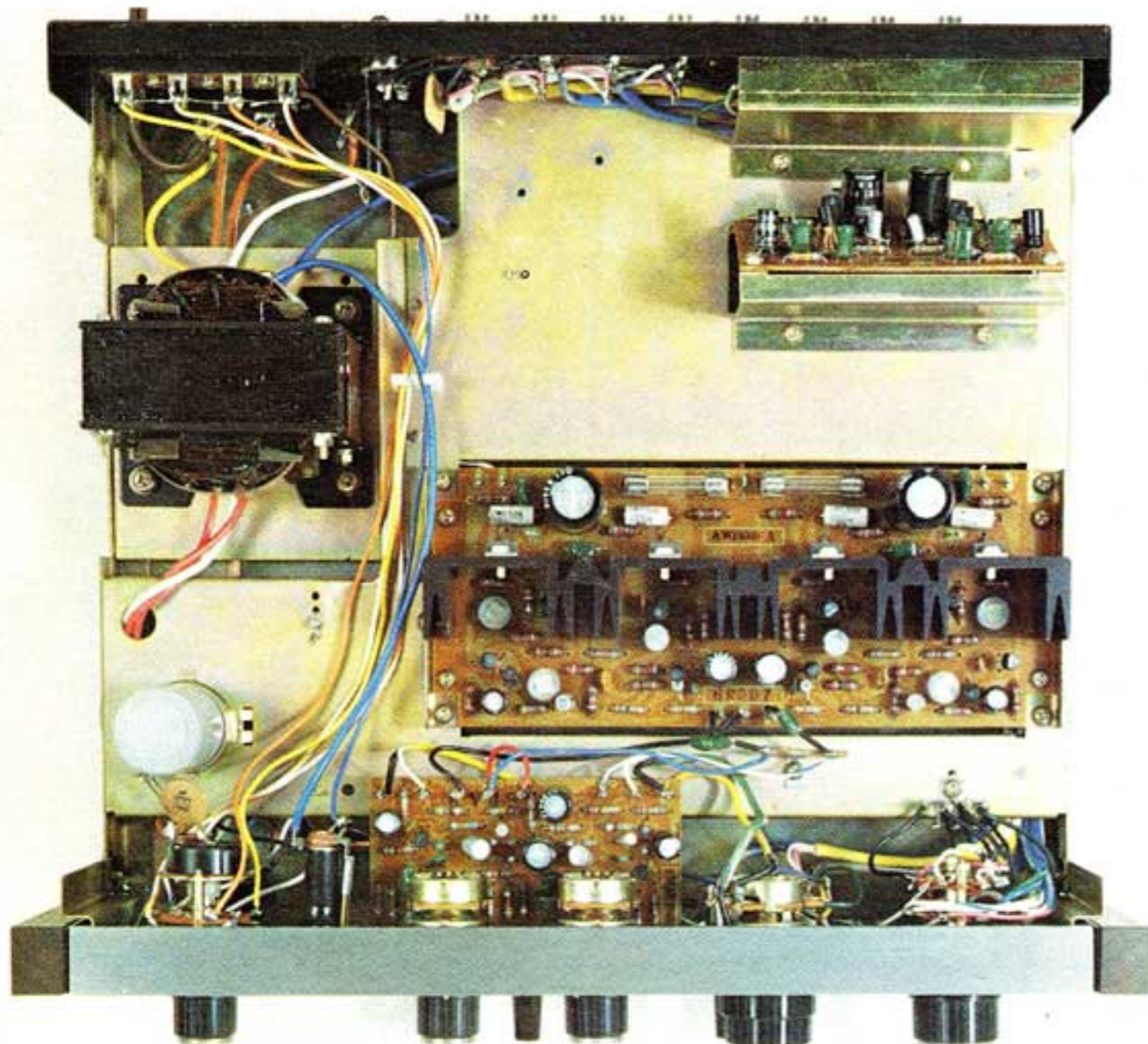


PIONEER

SA-500A

A budget-priced solid-state stereo integrated amplifier with musical power of up to 44 watts and wide frequency response.



Pioneer's low-priced stereo components are designed and manufactured to meet the special demands of the man who is building his system of hi-fi components on a budget. While usually offering a little less in power and versatility, these Pioneer units spare nothing in terms of quality engineering and performance. The SA-500A integrated amplifier is no exception. Using long-life, low-noise silicon transistors throughout, the SA-500A is featured by a very wide frequency response and superb signal-to-noise ratio. It gives you music power output of up to 44 watts (at 4 ohms), and may be used with up to two tape decks, two turntables, a tuner and one other auxiliary source. The SA-500A can also drive up to two sets of speaker systems simultaneously or separately. And it's priced to fit into any stereo budget.

 **PIONEER**

SA-500A

DIRECT COUPLING PREAMPLIFIER SECTION

So that its dynamic range is very wide, the equalizer circuit of the SA-500A uses two-stage direct coupling negative feedback circuit with low-noise silicon transistors. For professional tone control, the unit offers click-stop-type individual bass and treble controls that allow you to increase or decrease the audio signal delivered to the amplifier in measured steps. Thus, signals delivered from the unit sound the way you want them to.

POWER AMPLIFIER SECTION

The power amplifier section of the SA-500A is equipped with quasi-complimentary single ended push-pull circuit to ensure distortion-free sound reproduction and a wide frequency response. Music power output of the unit is 44 watts (measured at 4 ohms), more than you'll ever need to fill your music room with spectacular solid sound. The SA-500A can handle up to two different pairs of speaker systems, either separately or simultaneously, giving you the extra versatility of playing a small set of speakers in a room

adjacent to your regular music listening room. The unit also lets you easily compare one set of speakers with another, or lets you select the appropriate speaker unit when systems are placed in different rooms.

TWO PHONOINPUTS

The SA-500A is equipped with all necessary input terminals to allow you to build a perfect components system. It has two sets of phono input terminals in addition to a tuner and an auxiliary terminal. You may, if you wish, connect two turntables simultaneously. Or you may also use the jacks provided to compare two different cartridges or turntables.

TWO TAPE DECK TERMINALS

The SA-500A has two pairs of TAPE REC and MONITOR terminals so that you may operate two tape decks simultaneously, choosing from an open-reel deck, a cassette deck or an 8-track cartridge tape deck. This feature permits easy tape-to-tape duplicating.

SPECIFICATIONS

Semiconductors:	Transistors: 18, Diodes: 6	200mV
Music Power Output (IHF):	44 watts (4 ohms), 36 watts (8 ohms)	TAPE REC (DIN connector); 30mV
Continuous Power Output (each channel driven)	16 watts/16 watts (4 ohms) 13 watts/13 watts (8 ohms)	BASS Control: -11dB, +12dB/100Hz
Continuous Power Output (both channels driven)	12 watts +12 watts (4 ohms) 10 watts +10 watts (8 ohms)	TREBLE Control: -10dB, +9.5dB/10KHz
Harmonic Distortion:	Less than 0.5% (continuous power output)	Equalization Curve: PHONO; RIAA S.T.D.
Inter Modulation Distortion:	Less than 0.7% (continuous power output)	Loudness Contour: +10dB/100Hz, +5.5dB/10KHz with volume control set at -40dB position.
Power Bandwidth (IHF):	20 to 40,000Hz (8 ohms, harmonic distortion 0.5%)	Hum and Noise (IHF): PHONO; more than 75dB TUNER, AUX; more than 90dB
Frequency Response (AUX):	30 to 50,000Hz +1dB, -2dB	Channel Separation (IHF): PHONO; more than 50dB TUNER, AUX; more than 55dB
Input Sensitivity/Impedance: (1KHz, for rated output)	PHONO 1 MAG; 2.5mV/50 Kohms PHONO 2 MAG; 2.5mV/50 Kohms TUNER; 200mV/100 Kohms AUX 1,2; 200mV/100 Kohms TAPE MONITOR 1,2; 200mV/100 Kohms	Speakers: 4 to 16 ohms Damping Factor: 40 (8 ohms, 1KHz)
Recording Output:	TAPE REC 1,2 (pin jack);	Power Requirements: 110, 120, 130, 220, 240V (switchable, FV model) 120V (K model) Power Consumption: 75 watts (max.) Dimensions (overall): 13(W) x 4 ⁵ / ₈ (H) x 12 ⁷ / ₁₆ (D) inches 330(W) x 118(H) x 316(D) mm Weight: Without package: 12 lb. 2 oz./5.5 Kg With package: 15 lb. 3 oz./6.9 Kg



PIONEER ELECTRONIC CORPORATION / 15-5, 4-chome, Ohmori-Nishi, Ohta-ku, Tokyo, Japan
U.S. PIONEER ELECTRONICS CORPORATION / 178 Commerce Road, Carlstadt, New Jersey 07072, U.S.A.
PIONEER ELECTRONIC (EUROPE) N.V. / Noorderlaan 83, 2030 Antwerp, Belgium