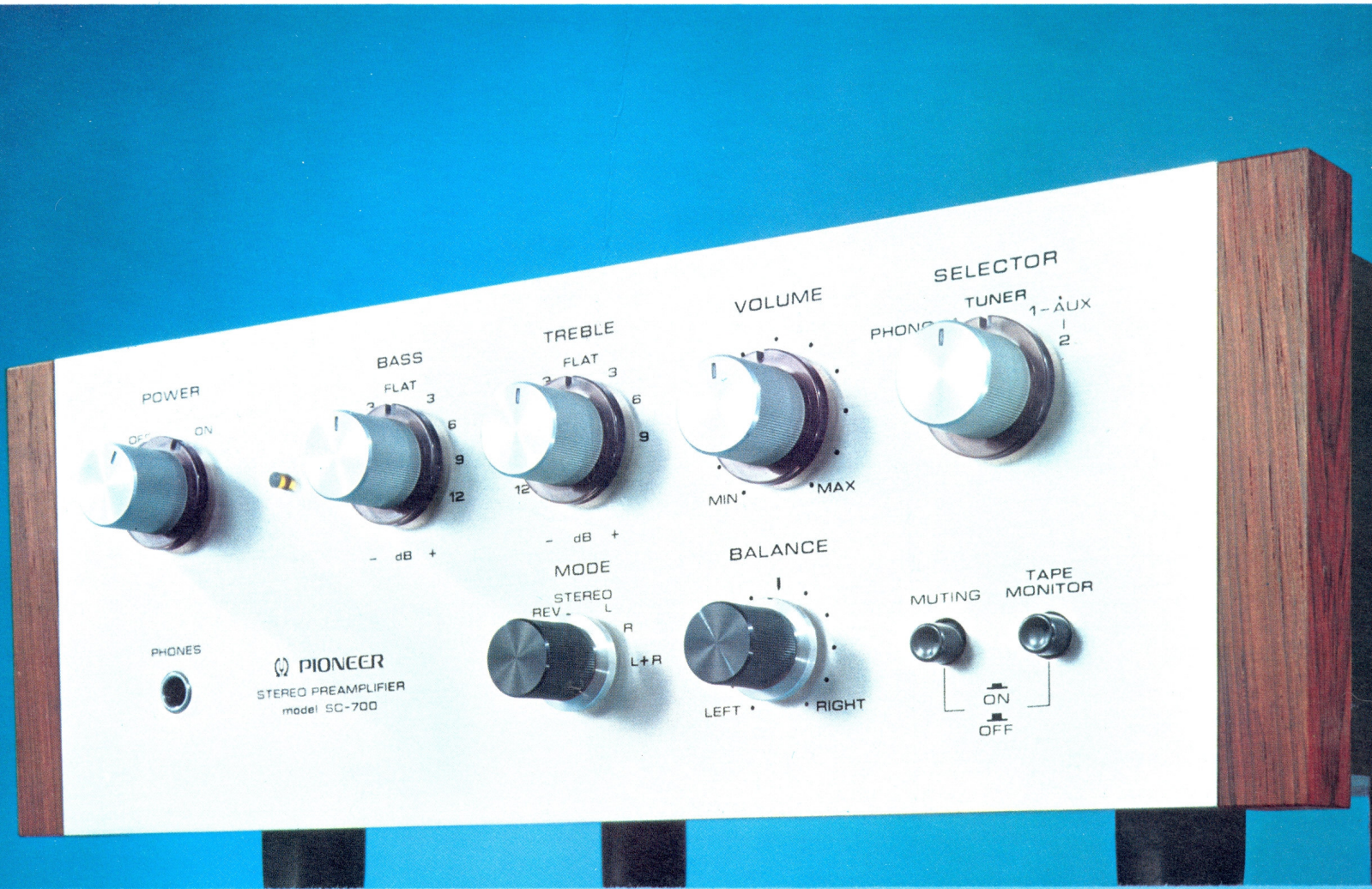


PIONEER
MODEL

SC-700

SOLID STATE STEREO PRE-AMPLIFIER The SC-700 offers the serious audiophile a very wide dynamic range, improved 3-dB step tone controls, FET in the tone control circuit, and headphone listening convenience. This fine unit also includes a handy muting switch, versatile mode selection, easy cartridge comparison and styling that is at once both efficient and attractive. The SC-700 in your high fidelity system will significantly improve its performance—truly a superbly engineered component.



PIONEER MODEL SC-700

FEATURES

WIDE DYNAMIC RANGE

The SC-700 employs a direct-coupled, 3-stage negative feedback circuitry and quality silicon transistors assuring correct equalization or compliance to the RIAA Standard, and effectively reduces clipping. The result is more natural sound at any volume level and wide dynamic range.

EASY CARTRIDGE COMPARISON

The SC-700 has two phono inputs for magnetic cartridge operation to allow you to compare and evaluate the tonal quality of different cartridges.

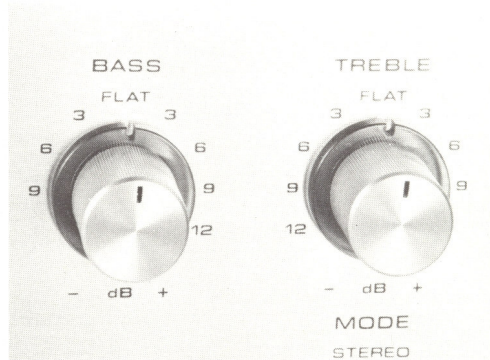
CONVENIENT MODE SELECTOR

The mode selector allows a choice of five modes of operation; reverse, stereo, left channel only, right channel only, and left and right channels combined in each speaker.



IMPROVED TONE CONTROL SYSTEM

There are 3-dB step controls for both bass and treble. Their ranges have been determined by Pioneer's long acquaintance with the musical tastes of high fidelity enthusiasts. FET's are included in the tone control circuit. There is no level fluctuation of mid-range frequencies while tone is being adjusted.



HEADPHONE CONVENIENCE

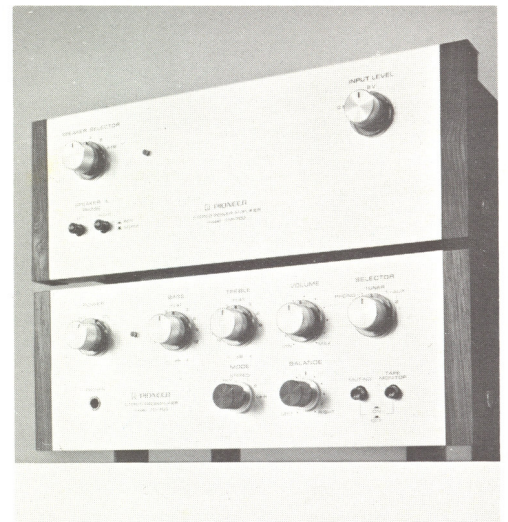
The SC-700 may be monitored with a headset, to check the condition of the system and the tonal quality while making recordings with the use of the tape monitor switch on the front panel. And headphones, of course, let you listen in private when this is more convenient, without main amplifier and speakers.

MUTING SWITCH

The SC-700 is provided with a muting switch to attenuate the level of sound by 20 dB, or at least a half turn of the volume control — handy when the phone suddenly rings, for example, without using the volume control knob.

CLEAN STYLING

The controls are elegantly and efficiently laid out, and the panel is tipped with attractive wooden endpieces. The unit blends perfectly with Pioneer's main amplifier Model SM-700.



SPECIFICATIONS

AUDIO SECTION

| | |
|---|--|
| Maximum Output Voltage | 4 V rms (less than 0.5% distortion at 1 kHz) |
| Harmonic Distortion | Less than 0.05% at 2 V |
| Frequency Response | 10 to 60,000 Hz \pm 1 dB (AUX) |
| Signal to Noise Ratio | PHONO: more than 80 dB at 4 V (IHF) AUX: more than 100 dB at 4 V (IHF) |
| Input Sensitivity and Impedance (at 1 kHz 4 V output) | PHONO 1, 2: 4 mV / 50K ohms AUX 1, 2: 250 mV / 220K ohms TUNER: 250 mV / 220K ohms |
| Equalization | NFB type RIAA |
| Bass Control | +12 dB, -9 dB at 100 Hz (3-dB step) |
| Treble Control | +9 dB, -12 dB at 10,000 Hz (3-dB step) |

Muting

Output Jacks and Terminals

Load Impedance

MISCELLANEOUS

Power Requirements
Power Consumption
Dimensions

Weight

-20 dB, switchable to ON-OFF
Output Impedance: less than 5 ohms at 1 kHz
Stereo Headphone Jack (8 to 16 ohms)
TAPE REC/P.B. Connector (DIN type)
More than 20K ohms

110, 120, 130, 220 or 240 volts (switchable)
5 VA
11-13/16" (W) x 4-1/2" (H) x 10" (D)
300 (W) x 115 (H) x 254 (D) mm
9 lbs / 4.1 kg (without package)
13 lbs / 5.9 kg (with package)

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PIONEER
PIONEER ELECTRONIC CORP.

15-5, 4-chome, Ohmori-nishi, Ohta-ku, Tokyo, Japan



PIONEER ELECTRONIC (EUROPE) N.V.

Frankrijklei 64-68, 2000, Antwerp, Belgium

PIONEER ELECTRONICS U.S.A. CORPORATION

140 Smith St., Farmingdale, L.I., N.Y. 11735, U.S.A.