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Audio Consolette

preamplifier-equalizer

The Audio Consolette is a fine electronic instrument, specifically designed as a central control for music reproducing systems of the highest order. In its construction there is lavish use of precision parts and workmanship. Such quality features as deposited-carbon resistors, Allen-Bradley controls, silvered mica condensers, terminal board construction and cabling of leads is rarely found in commercial equipment. Careful engineering and strict attention to detail result in spectacularly low distortion and noise figures. The superior quality of reproduction with this preamplifier will be readily apparent to the listener.

CONTROLS

Selector Switch: *6 position input switching for 3 low-level channels (Microphone, Low and medium level magnetic cartridges), and three High level channels (Tuner, TV, and Extra for ceramic or FM cartridges).* **Tape Playback or Monitor Switch;** *High level input switch used for tape playback or to directly monitor a tape while it is being recorded.* **Bass Record Equalizer;** *six turnover positions.* **Treble Record Equalizer;** *six rolloff positions.* **Loudness Compensator;** *A continuously variable control of unique design which compensates for the Fletcher-Munson Hearing Characteristics Curves. Unlike other such controls it is used independently of the volume control.* **Bass Tone Control;** *Turnover point, 300 cps.* **Treble Tone Control;** *Turnover point 2500 cps.* **High Frequency Cutoff Filter;** *12 db. per octave cutoff from three selected frequencies.* **On-Off Switch**

HUM AND NOISE

Hum; *Inaudible at full gain from all inputs.* **Wideband Noise** *(20 cps to 60 kc): With 2000 ohms across Low-level Phono input, All controls FLAT, better than 70 db. below 10 mv. input.*

INTERMODULATION DISTORTION

With volume control at maximum and all other controls at Flat positions; 60 cps and 7 kc. mixed 4:1 ratio. 15 volts equiv. RMS . . . less than 1%; 2 volts equiv. RMS . . . less than 0.1%.

FREQUENCY RESPONSE

± 1db. from 20 cps. to 60 kc.

INPUTS

Three low level inputs *for Microphone and low or medium level magnetic cartridges. Equalization can be switched into all three channels.* **Four high level inputs** *for Tuner, Tape, TV and Extra. Ceramic and FM cartridges can be used in the "Extra" position.*

OUTPUTS

Main Output; *Cathode follower permits long shielded leads to the power amplifier.* **Recording Output;** *A selector-switch controlled output which can be used to feed a tape recorder. It is unaffected by all controls with the exception of the record equalizers.*

POWER SUPPLY

The remote miniature power supply plugs into the main unit to provide Direct Current for filaments and B plus. Three convenience outlets, controlled by the On-Off switch, are provided for other components.

TUBE COMPLEMENT *Three type 12AX7 or ECC83 tubes*

CABINET *Available in choice of Mahogany or Blonde*

DIMENSIONS *Panel; 14½" x 4⅝" Chassis; 13½" x 4" x 6"*

PRICE AND SHIPPING WEIGHT

With cabinet — **$168.00,** *15 lbs.*
West of the Mississippi — $176.40
Without cabinet — **$153.00,** *13½ lbs.*
West of the Mississippi — $160.65

. . . for music reproducing systems of the highest order

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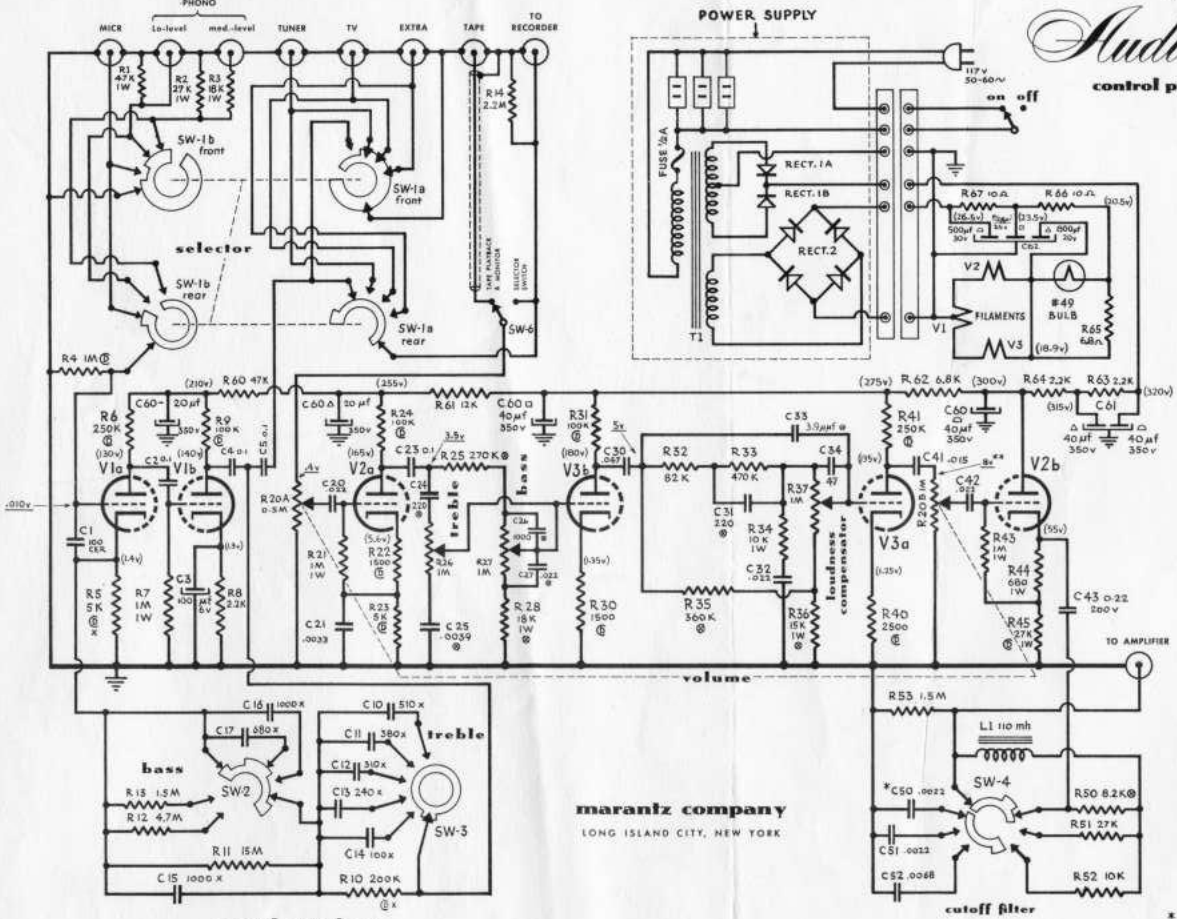
control preamplifier-equalizer

SERIAL Nº 3000 and UP



marantz company

LONG ISLAND CITY, NEW YORK

(D. C. volts) are approximate as measured with a V.T.V.M. after 30 min. warm up.

Underlined figures are approximate A. C. test voltages measured with an A. C. amplifier type V.T.V.M. and are based on a .010 volt, 1000 cycle signal into microphone input with volume control maximum and other controls set for flat.

*Where shielded lead to main amplifier exceeds 15-20 feet (about 500 mmf.), additional capacitance will lower the Filter cut-off frequencies. This can be compensated for by reducing the value of this capacitor by the amount of the lead capacitance.

Unless otherwise specified:

Condensers in decimals are in MFD. and are paper, 400 v.

Condensers in whole Nos. are in MMFD Mica

Resistors are ½ W composition ± 10%

Signs:

⊗ = ± 5% x = ± 2% CER. = Ceramic

Ⓒ Deposited carbon, unless spec. ± 5%

K = x 1000

M = x 1,000,000 (or Megohms)

Rotary switches shown in maximum counter-clockwise rotation.

** This A.C. voltage may read lower depending on meter's input impedance.