

marantz



Audio Console preamplifier-equalizer

The Audio Console 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. **Base Record Equalizer:** six turnover positions. **Treble Record Equalizer:** six rollout 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. **Base 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 200 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 ECC82 tubes

CABINET Available in choice of Mahogany or Blonde

DIMENSIONS Panel: 14½" x 4½" Chassis: 13½" x 4" x 6"

PRICE AND SHIPPING WEIGHT

With cabinet — \$168.00, 15 lbs.

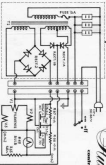
West of the Mississippi — \$176.40

Without cabinet — \$153.00, 13½ lbs.

West of the Mississippi — \$160.65

... for music reproducing systems of the highest order

REPORT



1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

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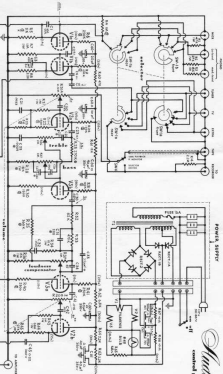
2. Next, gather relevant information and data. This may involve research, consultation with experts, or collecting data from various sources.

3. Once the information is gathered, it is important to analyze it carefully. This involves identifying patterns, trends, and potential solutions.

4. After analysis, a plan should be developed. This plan should outline the steps that need to be taken to solve the problem or answer the question.

5. The next step is to implement the plan. This involves carrying out the steps outlined in the plan and monitoring progress.

6. Finally, the results should be evaluated. This involves comparing the results to the original problem or question and determining whether the solution is effective.



Abstract

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

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Table 1. Demographic characteristics of study population

H

- [illegible]

For all other cases, we have been studying a new type of problem.

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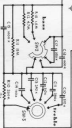
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Figure 1: Schematic diagram of the experimental setup. A participant is seated at a table, viewing a video screen. A camera is positioned above the screen. A target is placed on the table. A ruler is used to measure the distance from the participant's eye to the target. The distance is labeled as 100 cm. The target is labeled as 'Target'.