

GENERAL ELECTRIC

MONITORING AMPLIFIER - MODEL 4A19A1

Application: designed for service in FM Broadcasting stations or conventional Broadcasting stations, where high fidelity audio monitoring is desired. In addition, a high impedance input is provided for using the amplifier with the General Electric Model JFM90 FM translator. Connection changes are provided to complement the frequency response characteristics of the General Electric Model JCP-10 high fidelity monitoring loudspeaker.

Input Impedance: 10,000 or 600 ohms, balanced
500,000 ohms, unbalanced

Output Impedance: 600 ohms, balanced
16, 8, 4, $2\frac{1}{2}$ ohms, unbalanced

Over-all Gain: 80 db. max. (600-600) with continuously adjustable volume control

68 db. (10,000-600)
56 db. with Remote Volume Control

Remote Volume Control: 10,000 ohms input impedance;
bridges 600 ohm line ahead of
Monitoring Amplifier - may be
mounted at any convenient loca-
tion; supplied with amplifier.

Tubes: 1 - 1620
1 - 6C8-G
2 - 6L6
1 - 5T4

Normal Output: 10 watts

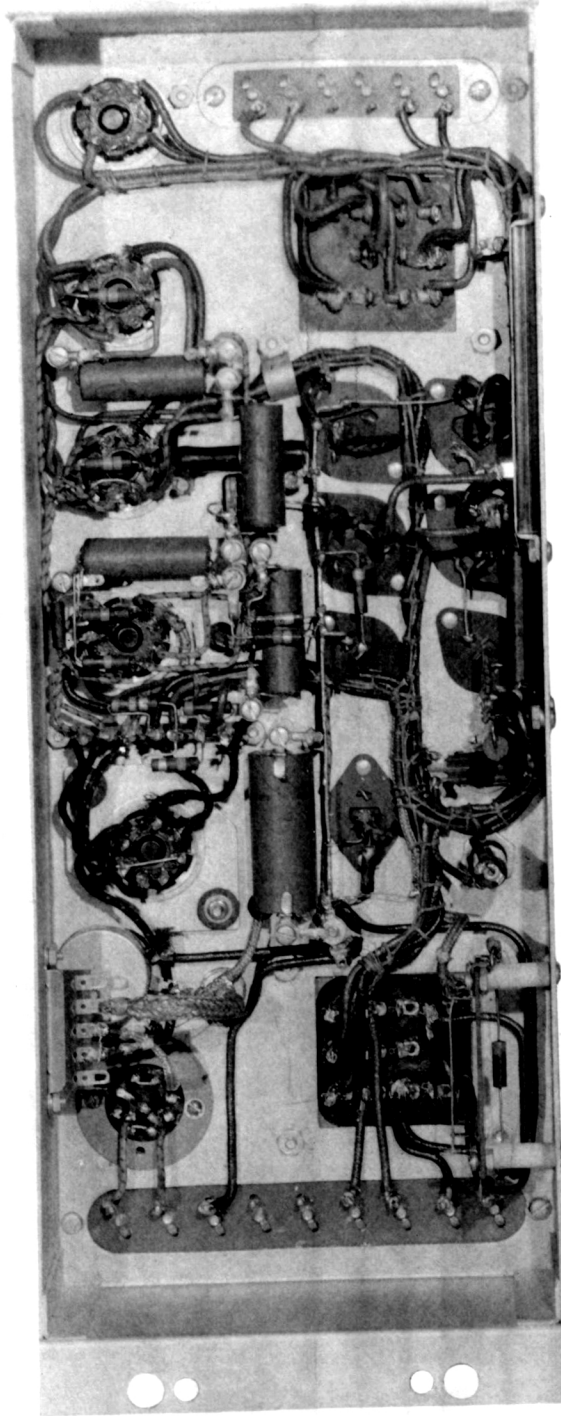
R.M.S. Distortion at 10 watts output (50-7500 cycles):
Less than 2 per cent

Output Noise Level at Maximum Gain:- 30 db.
(With 80 db. gain this represents - 70 db.)

Frequency Response: 30-15000 cycles per second, ± 2 db.

Power Input: 80 watts, 110-120 V, 60-cycle, single-phase

Mounting: 7 in. space required on standard 19 in. vertical rack. In addition, provision is made for mounting the amplifier in the base for the General Electric Model JCP-10 high fidelity loudspeaker.



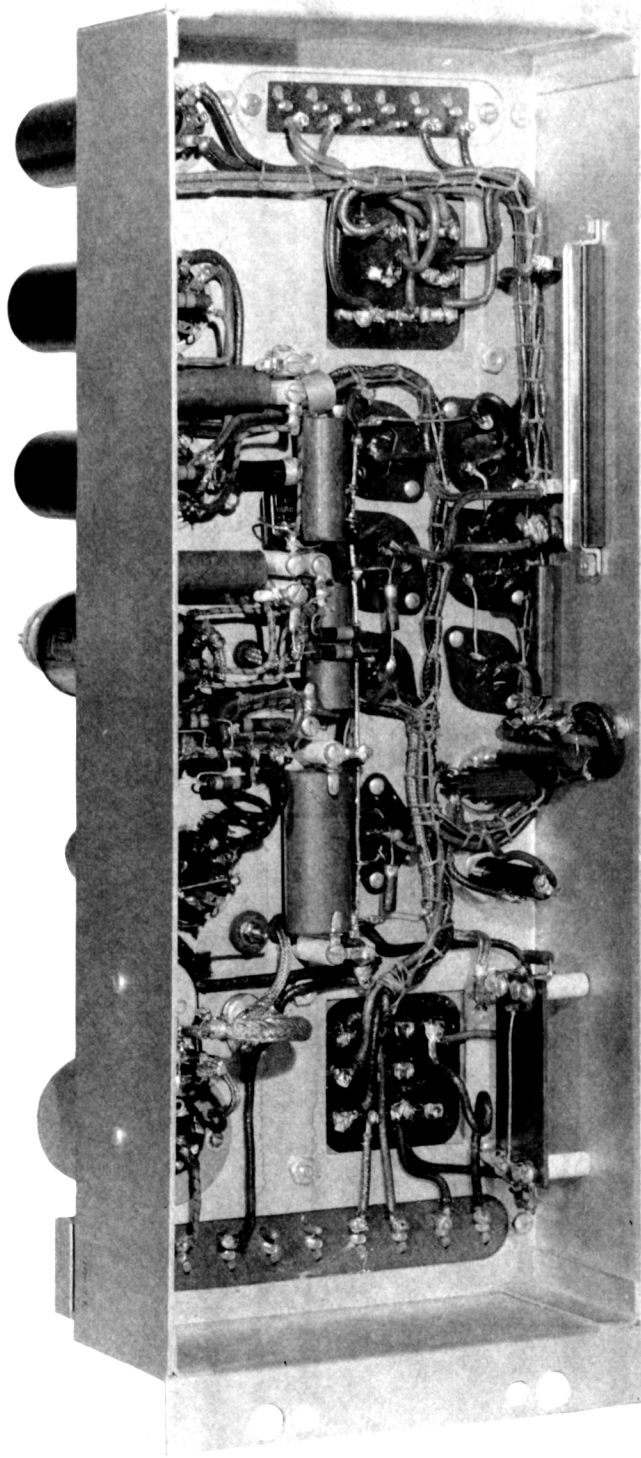
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G-E MONITORING AMPLIFIER, MODEL 4A19A1, ASSEMBLED FOR MOUNTING IN VERTICAL-
CHASSIS RACK-CABINET. BACK VIEW OF DEVELOPMENTAL SAMPLE.

FILING NO. 6916

E384

11-19-41



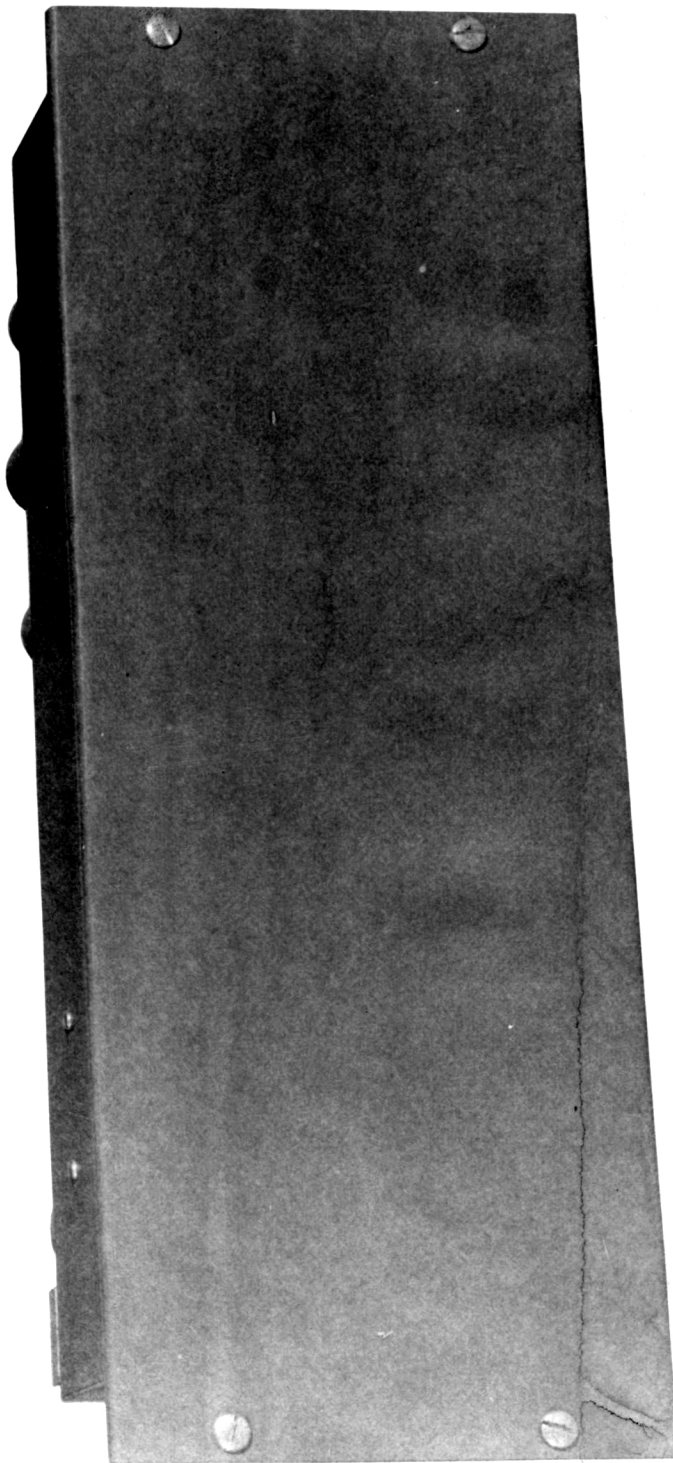
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G-E MONITORING AMPLIFIER, MODEL 4A19A1, ASSEMBLED FOR MOUNTING IN VERTICAL-
CHASSIS RACK-CABINET. BACK VIEW OF DEVELOPMENTAL SAMPLE.

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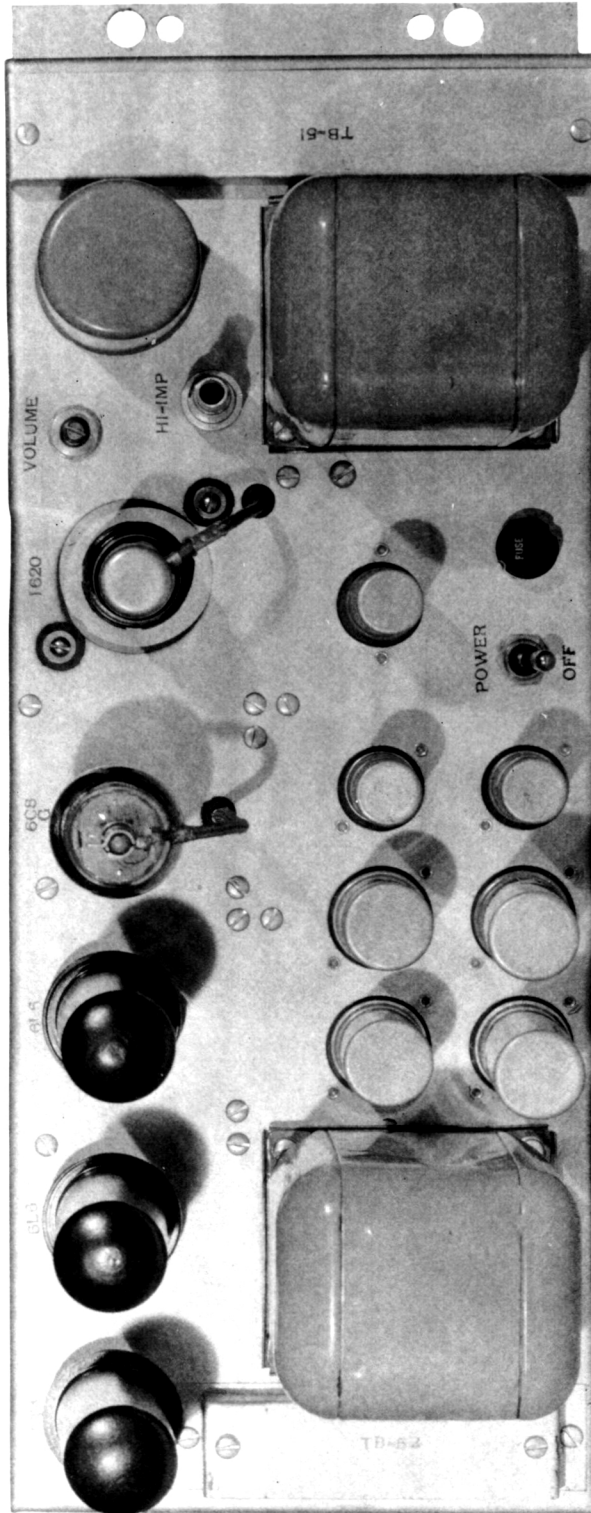
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G-E MONITORING AMPLIFIER, MODEL 4A19A1, ASSEMBLED FOR MOUNTING IN
CONVENTIONAL RELAY-RACK. FRONT VIEW OF DEVELOPMENTAL SAMPLE.

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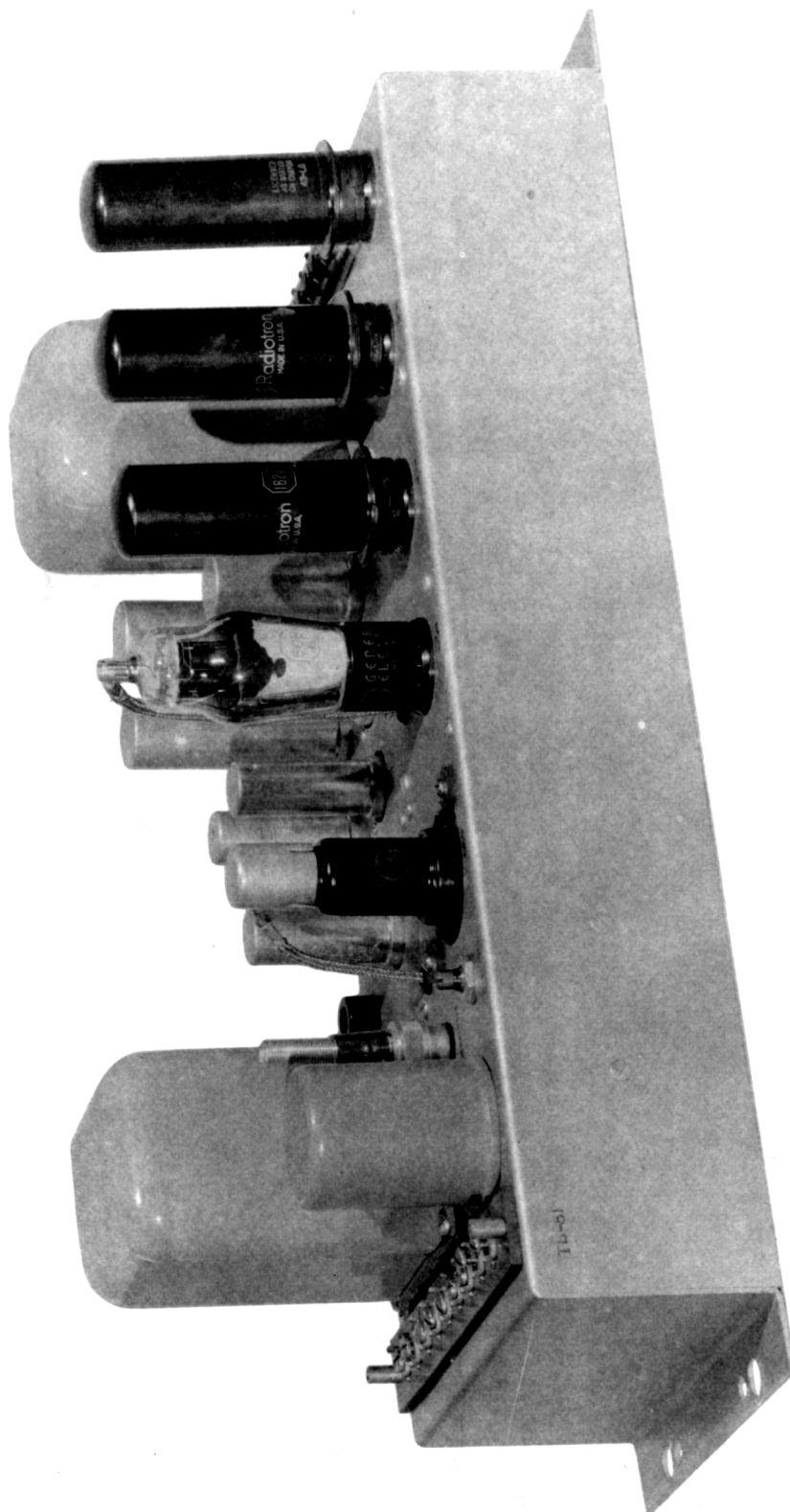
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G-E MONITORING AMPLIFIER, MODEL 4A19A1, ASSEMBLED FOR MOUNTING IN
VERTICAL-CHASSIS RACK-CABINET. FRONT VIEW OF DEVELOPMENTAL SAMPLE.

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586186 G-E MONITORING AMPLIFIER, MODEL 4A19A1, WITHOUT TERMINAL-BOARD COVERS TO SHOW
 TERMINAL ARRANGEMENT. DEVELOPMENTAL SAMPLE.

11-19-41

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