

TRIO ER-202, also sold as Lafayette HE-80. The HE-80 version included 6m instead of 2m. Mfg 1963-64

SPECIFICATIONS

Frequency Range

540 — 1605 kc
1.6 — 4.8 Mc
4.8 — 14.5 Mc
10.5 — 30 Mc
142 — 148 Mc

Band Spread

(Direct reading calibration on Ham Bands)

3.5 Mc	3.5 — 4.0 Mc
7 Mc	7.0 — 7.35 Mc
14 Mc	14.0 — 14.4 Mc
21 Mc	21.0 — 21.5 Mc
28 Mc	28.0 — 30 Mc

(Markings every 5 kc on 80 and 40 meter bands)

Sensitivity

3.0 microvolts for 10 db S/N ratio at 10 Mc

Selectivity

Without Q Multiplier: over 65 db at 10 kc
With Q Multiplier: Variable from -74 db to -95 db at ± 10 kc.

Output

1.5 watts

Power Source

220 volt, 50 to 60 cps AC

Power Consumption

65 watts

Tubes

6AQ8 \times VHF amplifier
6AU6 \checkmark VHF Mixer
6AQ8 \times VHF Oscillator
6BA6 \checkmark RF Amplifier
6BE6 \checkmark Mixer
6AQ8 \times Local Oscillator
6BA6 \checkmark ($\times 2$) IF Amplifier
6AL5 \checkmark AM detector, Automatic Noise Limiter
6BE6 \checkmark Product Detector
Gated Beam Detector
6AQ8 \times Audio Amplifier, BFO
6AQ5 \checkmark Audio output
6AQ8 \times Q Multiplier, Marker Oscillator
6CA4 \checkmark Rectifier
OA2/VR-150MT — Voltage Regulator tube
1N60 —

Speaker

PM dynamic, 8 ohm voice coil, without output transformer

Dimensions

Width 17", Height 7 $\frac{5}{8}$ ", Depth 10 $\frac{1}{8}$ " (inches)

Weight

23.5 lbs.

Auxiliary Circuits

Band Spread Tuning
Q Multiplier for Variable Selectivity
ANL Automatic Noise Limiter
AVC-MVC (Automatic and Manual Volume Control)
Product Detector (for SSB — CW)
Gated Beam Detector (for FM)
Marker Oscillator
S-Meter
BFO
Recording tap circuit terminals
Phone Jack Plug



