



ALL VOLTAGES, ±10% MEASURED TO B- WITH A 20,000 OHM/VOLTMETER

Viking 54-48AR

| STEP | APPLY AT KC. | SIGNAL TO | THRU SERIES DUMMY | SET GANG AT | ADJUST FOR MAX. OUTPUT. | NOMINAL SENSITIVITY 50 MILLIWATTS OUTPUT |
|------|--------------|----------------|-------------------|------------------|-------------------------|--|
| 1 | 455 | 12BA6 1 PIN | .05 | MINIMUM CAPACITY | 2ND. 1.F | 2600 μ V. |
| 2 | 455 | 12BE6 7 PIN | .05 | MINIMUM CAPACITY | 1ST. 1.F 2ND. 1.F | 60 μ V |
| 3 | 1640 | ANT | * | MINIMUM CAPACITY | OSC. TRIM. | — |
| 4 | 1450 | ANT. | * | RESONANCE | ANT. TRIM. | 150 μ V/M. |
| 5 | 600 | ANT. | * | RESONANCE | CHECK ONLY | 300 μ V/M. |
| 6 | 530 | ANT | * | MAXIMUM CAPACITY | CHECK ONLY | |

COMPONENT VALUES

RESISTORS: HALF WATT UNLESS OTHERWISE NOTED.
20% TOLERANCE UNLESS OTHERWISE NOTED.

K - 1,000 OHMS.
M - 1,000,000 OHMS.

CONDENSERS:
T: TUBULAR, FOLLOWED BY CAP. IN MFD. AND D.C.W.V.
E: ELECTROLYTIC, FOLLOWED BY CAP. IN MFD & D.C.W.V.
C: CERAMIC, FOLLOWED BY CAP. IN MMFD & TOL. IF CRITICAL.
M: MICA, FOLLOWED BY CAP. IN MMFD. & TOL. IF CRITICAL.

| | |
|-----------------|-----------------------------|
| 12BA6 | Electrohome Pirate P-103 |
| <i>same as:</i> | |
| TUBE LOCATIONS | |
| 50B5 | 12A16 |
| 12BE6 | GANG |
| 35W4 | |

VOLUME CONTROL

* FASHION LOOP OF SEVERAL TURNS OF WIRE
AND RADIATE SIGNAL INTO LOOP OF RECEIVER.
ADJUST FOR MAXIMUM OUTPUT.

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