

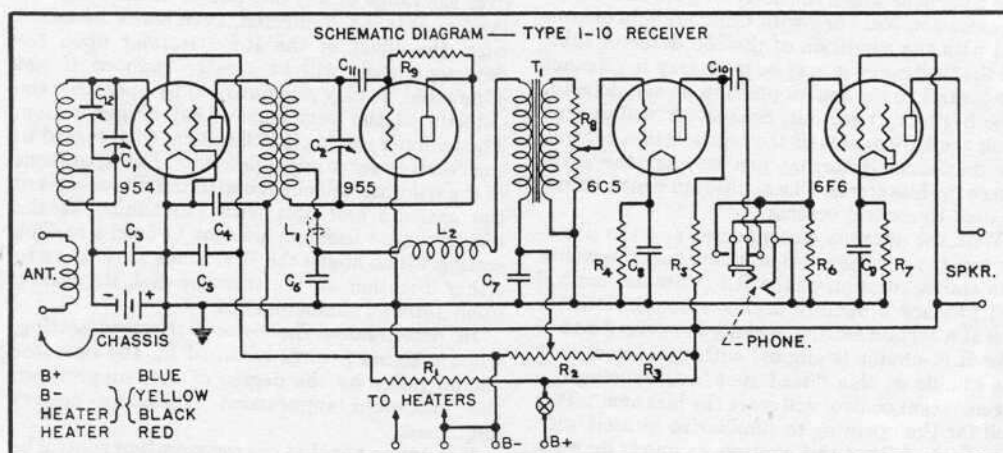
when using the "A" coils, particularly at the extreme ends of the range. A 955 detector tube which will no longer operate on the "A" range will still give good performance at lower frequencies. Similarly, any poor connection at the tube socket or coil socket will be especially noticeable at the highest frequencies. In fact, the detector may refuse to go into superregeneration unless the coil contacts, etc., are perfectly clean.

It will be noted that the variable condenser supports, coil sockets, and coil bases, etc. are

made of Victron, and while this material has exceptional electrical characteristics, it is similar to hard rubber in mechanical strength and its inability to withstand heat. The receiver should not, therefore, be subjected to high temperatures and the Victron parts must be handled with reasonable care to prevent breakage.

The C-battery does not supply any current and will require replacement but about once a year.

Additional coils for extending the range in either direction are not available.



List of Parts

C ₁	R.F. Tuning Condenser	15 mmf. max.
C ₂	Detector Tuning Condenser	15 mmf. max.
C ₃	R.F. Grid Return Bypass	.002 mfd.
C ₄	R.F. Plate Return Bypass	.003 mfd.
C ₅	Screen Bypass (copper plate)	.0005 mfd.
C ₆	Quench Frequency Bypass	.003 mfd.
C ₇	Detector B+ Bypass	.5 mfd. — 200 volt
C ₈	1st Audio Cathode Bypass	10 mfd. — 50 volt
C ₉	2nd Audio Cathode Bypass	10 mfd. — 50 volt
C ₁₀	Audio Coupling Condenser	.1 mfd. — 400 volt
C ₁₁	Detector Grid Condenser	.00005 mfd.
C ₁₂	R.F. Trimmer Condenser	5 mmf. max.
R ₁	Screen Dropping Resistor	35,000 ohms — ½ watt
R ₂	Regeneration Control	50,000 ohm Potentiometer
R ₃	Detector Plate Dropping Resistor	20,000 ohms — 1 watt
R ₄	1st Audio Bias Resistor	5,000 ohms — ½ watt
R ₅	1st Audio Plate Resistor	.1 megohm — ½ watt
R ₆	2nd Audio Grid Leak	.5 megohm — ½ watt
R ₇	2nd Audio Bias Resistor	500 ohms — 1 watt
R ₈	Audio Gain Control	500,000 ohm Potentiometer
R ₉	Detector Grid Leak	20 megohms
L ₁	Ultra-audio Choke — Used only on Higher Frequency Ranges	
L ₂	Quench Frequency Choke	250 millihenries
T ₁	Audio Transformer	4:1 Ratio