



## Electrohome 4P.L. (Roland)

### COMPONENT VALUES

RESISTORS: HALF WATT, UNLESS OTHERWISE NOTED.  
20% TOLERANCE, UNLESS OTHERWISE NOTED.  
K = 1000 OHMS.  
M = 1000,000 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.

STEP	APPLY SIGNAL AT KCS	TO	SERIES DUMMY	SET GANG AT	ADJUST FOR MAX OUTPUT	NOM SENSITIVITY FOR 50 MW OUTPUT
1	455	IR5 p=2	.05	MIN CAP	1 <sup>st</sup> & 2 <sup>nd</sup> I.F	150 μV
2	1620	LOOP	-	MIN CAP	OSC TRIM	
3	1800	LOOP	-	MAX OUTPUT	ANT TRIM	300 μV/M
4	600	LOOP	-	MAX OUTPUT	CHECK ONLY	600 μV/M
TO CHECK FOR TRACKING USE TUNING WAND						

**SPECIFICATIONS**—Tuning Range—540 to 1600 Kc.  
I.F. Frequency . . . 455 Kc.  
Undistorted Power Output . . . .1 Watt  
Maximum Power Output . . . .15 Watt  
“A” Battery Average Drain . . . .25A  
“B” Battery Average . . . 11 MA.

The following Batteries or Approved Equivalents (size is very important) are recommended.

- “A” Battery 1 1/2 Volt—“C” Size — 2 Required.  
Eveready #935 or General #933
- “B” Battery 67 1/2 Volt—1 Required.  
Eveready #477 or General #149

