

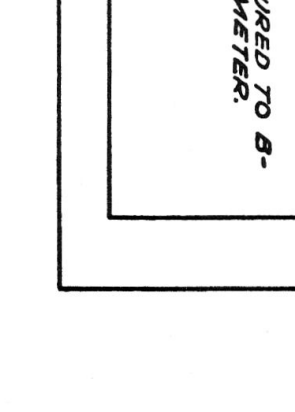
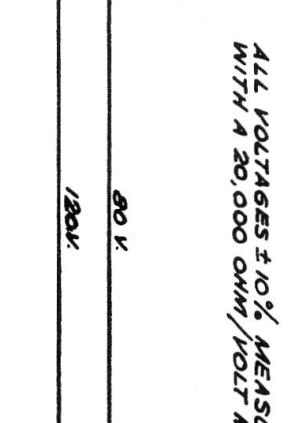
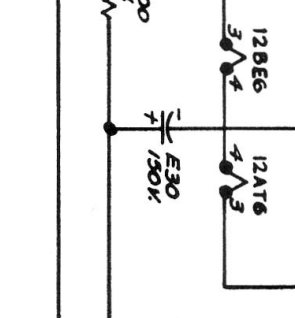
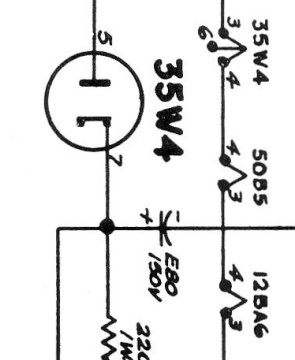
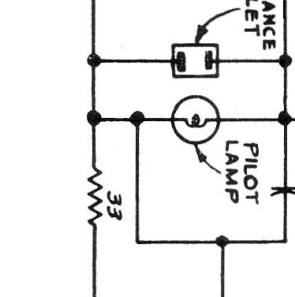
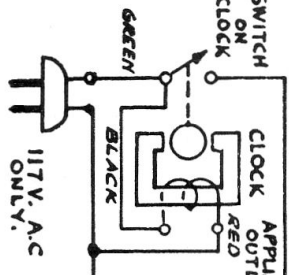
ALL VOLTAGES  $\pm 10\%$  MEASURED TO B- WITH A 20,000 OHM/VOLT METER.

**12BE6**

**12BA6**

**12AT6**

**50B5**



12BA6 12BE6  
 35W4 50B5  
 12A16  
 CLOCK SPKR  
 VOLUME TUNING

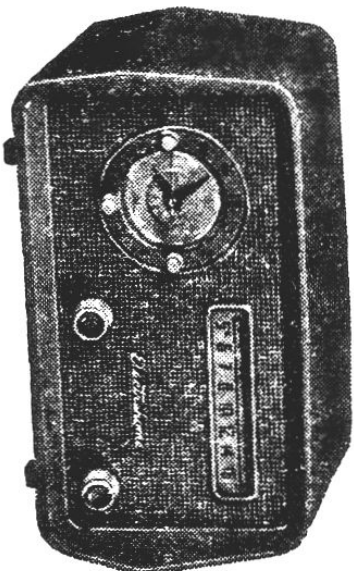
COMPONENT VALUES

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. & TOL. IF CRITICAL.  
 C: CERAMIC, FOLLOWED BY CAP. IN MMFD. & TOL. IF CRITICAL.  
 M: MICA, FOLLOWED BY CAP. IN MMFD. & TOL. IF CRITICAL.



STEP	APPLY SIGNAL		THRU SERIES DUMMY	SET GANG AT		ADJUST FOR MAX. OUTPUT.	NOMINAL SENSITIVITY 50 MILLI-WATTS OUTPUT AT 400 C/S.
	AT KC.	TO		AT	AT		
1	455	12BA6 1/10M	.05	MINIMUM CAPACITY	2ND. I.F.	1400 $\mu$ VOLTS.	
2	455	12BE6 1/20M 1/20M	.05	MINIMUM CAPACITY	1ST. I.F. 2ND. I.F.	50 $\mu$ VOLTS.	
3	1650	ANT.	*	MINIMUM CAPACITY	OSC. TRIM	—	
4	1460	ANT.	*	RESONANCE	ANT. TRIM	180 $\mu$ V./M.	
5	600	ANT.	*	RESONANCE	CHECK ONLY	400 $\mu$ V./M.	
6	530	ANT.	*	MINIMUM CAPACITY	CHECK ONLY	—	

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

