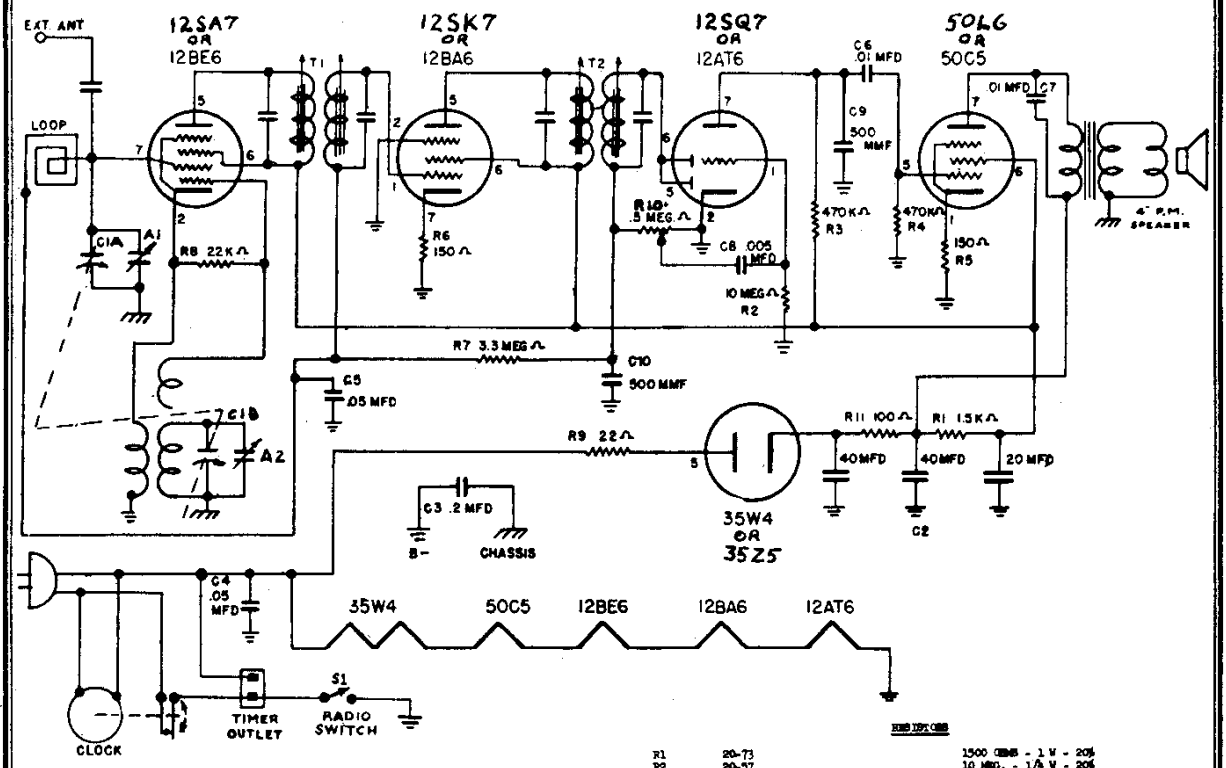
Allied Radio Corp.

	Model: 5H-679	Chassis:	Year: Pre 1952
	Power:	Circuit:	IF:
	Tubes:		
	Bands:		

Resources

Riders Volume 22 - ALLIED 22-3

MODELS 5H-678, 5H-679



REPLACEMENT PARTS LIST

SYMBOL NO.	PART NO.	DESCRIPTION
		CONDENSERS
C1	30-26	VARIABLE CONDENSER, 2 GANG, 420 & 162 MMF.
C2	31-304	ELECTROLYTIC CONDENSER, 40MFD-40-20 MFD/150 V
C3	32-13	TUBULAR PAPER CONDENSER, .2 MFD/400 V
C4	32-55	" " " , PHENOLIC, .05 MFD/400V
C5	32-4	" " " , .05 MFD/200 V
C6,7	32-1	" " " , .01 MFD/400 V
C8	32-20	" " " , .005 MFD/600 V
C9,10	35-13	MICA CONDENSER, 500 MMFD/500 V

R1	20-73	1500 OHMS - 1 W - 20%
R2	20-57	10 MEG. - 1/4 W - 20%
R3,4	20-98	470 K - 1/4 W - 20%
R5	20-81	150 OHMS - 1/2 W - 20%
R6	20-89	150 OHMS - 1/4 W - 20%
R7	20-56	3.3 MEG. - 1/4 W - 20%
R8	20-82	22 K - 1/4 W - 20%
R9	20-93	22 OHMS - 1/2 W - 20%
R10	50-27	VOLUME CONTROL, 0.5 MEG.
R11	20-40	100 OHMS - 1/2 W - 20%
	60-18	OSCILLATOR COIL
T1,2	61-11	IF TRANSFORMER
	125-34-3	BACK ASSEMBLY, INCL. LOOP
S1	65-11	RADIO SWITCH
	80-25A	4"P.M. SPEAKER WITH OUTPUT TRANSFORMER
120-54		CABINET (WITHOUT CLOCK INSERT)
120-48		CENTER CLOCK INSERT
122-31		KNOB (2)
140-7		CLOCK

ALIGNMENT PROCEDURE

- Output meter across voice coil (3.2 ohm)
- Volume control at maximum for all adjustments.
- Align for maximum output. Reduce input as needed to keep output near 1.28 volts (0.5 watt).

SIGNAL GENERATOR				TUNER SETTING	ADJUST TRIMMERS TO MAXIMUM OUTPUT (in order shown)
Frequency	Coupling Capacitor	Connections to Receiver	Ground Connection		
455 kc	0.1 mfd.	12BE6 grid	B—	Rotor full open (Plates out of mesh)	Input and output slugs of IF cans
1650 kc	0.1 mfd.	12BE6 grid	B—	Rotor full mesh (Plates out of mesh)	Oscillator trimmer A2
1500 kc		Radiating Loop		1500 kc*	Antenna trimmer A1

*Nine markings on the dial represent respectively 540KC, 600KC, 700KC, 800KC, 900KC, 1100KC, 1300KC, 1500KC, and 1650KC reading from left to right. These points are to be used for the alignment of the receiver.