



USE ONLY ZENITH NON-INDUCTIVE ELECTROLYTIC CONDENSERS FOR REPLACEMENT. IF ANY OTHER TYPE OF ELECTROLYTIC IS USED, IT WILL BE NECESSARY TO ADD PARTS SHOWN IN DOTTED LINES.

I. F. FREQUENCY 455 KC  
TUNING RANGE 535 — 1620 KC.  
I. F. TRANSFORMER NUMBERING STARTS WITH #1 TERMINAL AS FIRST TERMINAL CLOCKWISE AND ADJACENT TO MARKER AS VIEWED FROM BOTTOM OF CHASSIS.

⊕ DENOTES CHASSIS  
⊖ DENOTES COMMON RETURN B-

ALL VOLTAGES MEASURED FROM COMMON RETURN TO POINTS INDICATED WITH AN A.C., D.C. OR VACUUM TUBE VOLTMETER.

ALL VOLTAGES ARE D.C. UNLESS OTHERWISE SPECIFIED.

ALL RESISTORS ± 20% TOLERANCE UNLESS OTHERWISE SPECIFIED.

WHEN U1 IS USED AS ALTERNATE PART REMOVE PARTS MARKED WITH ASTERISK AND INSTALL PER DIAGRAM

**ALIGNMENT PROCEDURE**

OPERATION	CONNECT OSCILLATOR TO	DUMMY ANTENNA	INPUT SIG. FREQUENCY	SET DIAL AT	TRIMMERS	PURPOSE
1	Converter Grid	.5 Mfd.	455 Kc.	600 Kc.	L3, L4, L5, L6	Align I.F. for maximum output
2	One Turn Loop Coupled Loosely to Wave Magnet	---	1600 Kc.	1600 Kc.	C3	Set Oscillator to Dial Scale.
3		---	1400 Kc.	1400 Kc.	C2	Align Antenna Stage

**ZENITH RADIO CORP**  
**CHASSIS 5K02**

**MODELS K510, K510W & K510Y**