

Service Data

MODEL CB-3 *Littlephone*

SPECIFICATIONS

Transmitter Power Input 5 watts	Output Circuit 50-ohm link
Frequency Range 26.965 MC to 27.255 MC	T.V.I. Suppression 2nd Harmonic (54 MC) series tuned trap, 50 DB minimum.
Receiver Sensitivity . . Less than 1 microvolt for a 10-DB signal-to-noise ratio	Power Requirements (Transmit) 115 VAC, 60 cycle 48 watts 12 volts DC 4.5 ampere
Receiver Audio Power Output 2-1/2 watts	Size (HxWxD) 5-1/2 x 12 x 8 inches
Transmitting Crystals. . . 3rd overtone CR-23/U, ±0.005% tolerance	Weight 12-1/2 pounds
Receiving Crystals As in transmitter excepting 1650 KC higher in frequency	Shipping Weight 15-1/2 pounds

CHASSIS REMOVAL

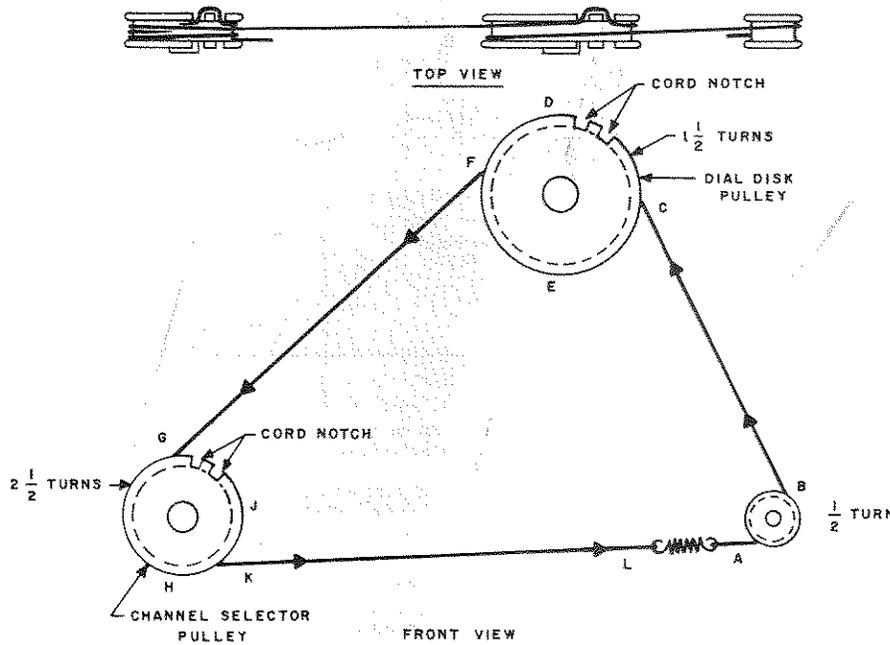
Completely remove top cover. Remove knobs and six screws on underside of cabinet. Slide chassis out of bottom cover.

DIAL CORD RESTRINGING

In order to restring the dial assembly, it is required that the front of the chassis be completely exposed. Also remove the dial disc (1 screw) to expose the pulley.

Refer to figure 1. Follow the arrows and letter sequence to string the dial cord.

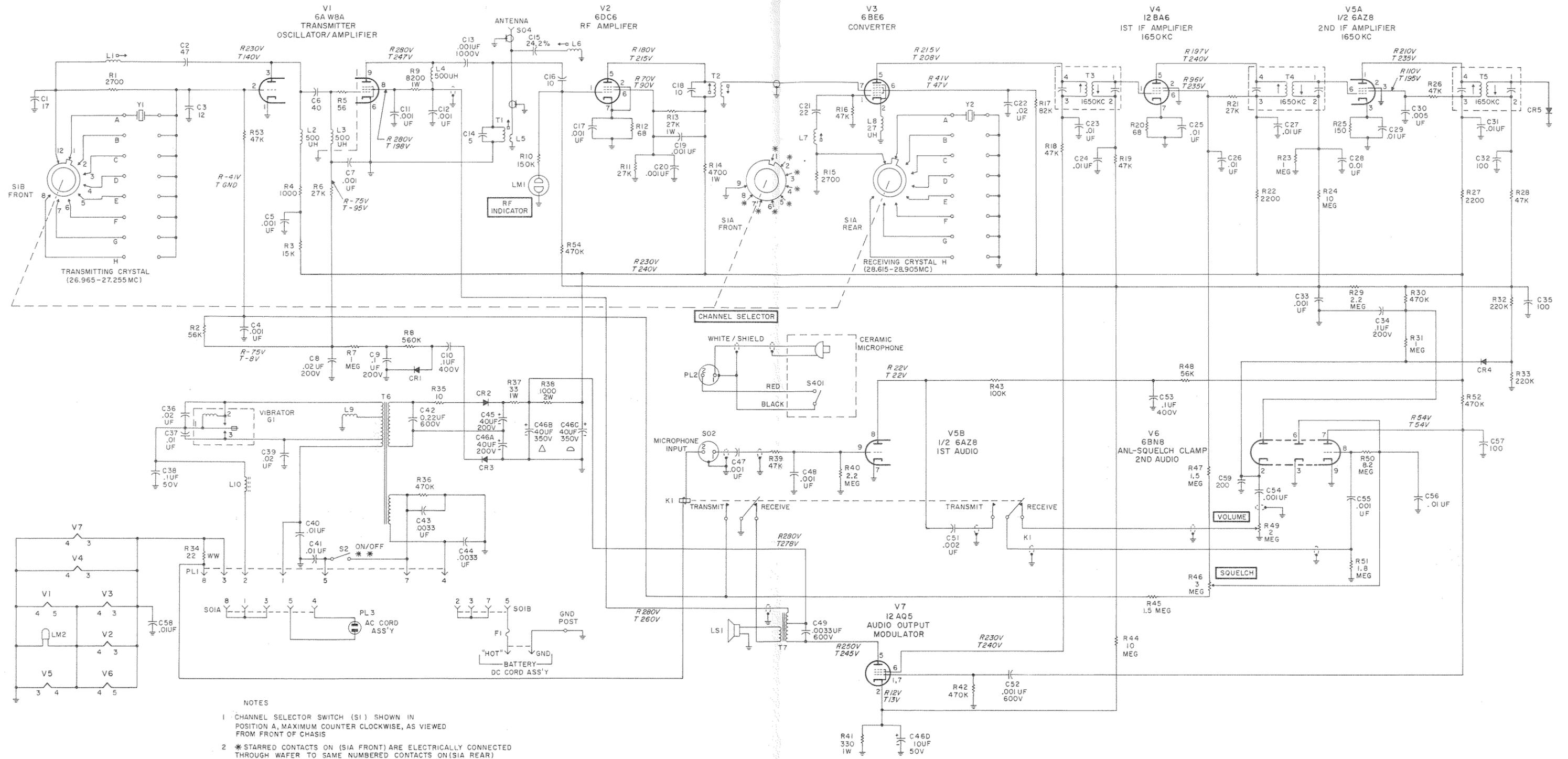
The dial cord spring should be expanded 1/8 inch to 1/4 inch. The cord is raised with a pointed tool and placed into pulley notches after stringing to lock cord to pulleys. Replace dial disc so that the letter A will align with window opening in panel. Replace all parts and hardware to original positions.



NOTE: CHANNEL SELECTOR SWITCH IN COUNTERCLOCKWISE POSITION

092-012520

Figure 1. Dial Cord Stringing Diagram.



- NOTES
1. CHANNEL SELECTOR SWITCH (S1) SHOWN IN POSITION A, MAXIMUM COUNTER CLOCKWISE, AS VIEWED FROM FRONT OF CHASSIS
 2. * STARRED CONTACTS ON (S1A FRONT) ARE ELECTRICALLY CONNECTED THROUGH WAFER TO SAME NUMBERED CONTACTS ON (S1A REAR)
 3. UNLESS OTHERWISE SPECIFIED, ALL CAPACITORS ARE IN UUF, ALL RESISTORS ARE IN OHMS
 4. **S2, ON/OFF SWITCH IS PART OF VOLUME CONTROL, R49
 5. VOLTAGE MEASUREMENTS INDICATED WERE MADE WITH A 20,000 OHMS/VOLT METER WITH ONE LEAD CONNECTED TO CHASSIS GROUND. "R" INDICATES MEASURED VOLTAGE ON RECEIVE. "T" INDICATES MEASURED VOLTAGE ON TRANSMIT.

Figure 2. Schematic Diagram.

