

## SECTION 2. INSTALLATION

### 2.1 General

2.11 The complete Radio Receiving Equipment is carefully packed in a wooden box. After unpacking, make interconnections between the Radio Receiver and the Loud Speaker in accordance with Dwg. No. 8.1. Connect the shielded leads W-201 of the loud speaker to the speaker terminals E-102 of the receiver; screw the shield grounding lug to the chassis terminal E-104. Connect the power supply plug P-101 to a 115 volt 50/60\* cycle AC power source. See Section 1.4. Make antenna connections in accordance with Section 1.3 "Antenna Requirements".

2.12 Before putting the receiver in operation, remove machine screw at the left-hand end of the chassis to release the band changing mechanism. This screw clamps the coil catacomb to the end of the chassis during shipment and should be saved if the equipment is to be repacked and reshipped.

2.13 A pair of terminals E-103 at the rear of the receiver chassis is wired to the B+ switch S-101B. These terminals provide a convenient means of connecting a relay or switch for remote control.

2.14 Angle brackets and suitable hardware are supplied which provide a convenient means for mounting the receiver in a relay rack.

### 2.2 Loud Speaker Mounting

2.21 If the installation is such that the Loud Speaker, cabinet mounted, will be placed close to the receiver, the most desirable position is at the left-hand side. Placing the Loud Speaker on top of the receiver cabinet is the least desirable position since vibration from the speaker may introduce microphonic noises which would not otherwise be noticeable. In a rack mounted installation, the Loud Speaker, mounted on its panel, may be placed directly above the Receiver.

2.22 Microphonic noise or "mechanical feed-back" can often be eliminated by reversing the speaker leads at the speaker output terminals of the receiver.

## SECTION 3. OPERATING INSTRUCTIONS

### 3.1 Controls

3.101 All switches and controls (with the exception of the MAIN TUNING dial and the BAND SELECTOR knob) of the Radio Receiver are identified by etched panel plates or dial scales. The symbol numbers in the following paragraphs of this Section refer to Dwg. No. 8.1 and to the Parts List.

\*See Notice, Page 11.