

## *OPERATING INSTRUCTIONS*

This receiver is shipped complete with telescoping antenna and programming instructions allowing full-band, all-band coverage of signals in fair-to-good signal-strength areas.

1. With the power cable and antenna properly connected, turn the receiver ON by rotating the "VOLUME" control clockwise.
2. Place the 16-channel switches in the up (ON) position.
3. Set the "MANUAL-SCAN" switch on "MANUAL."
4. Adjust the "SQUELCH" control clockwise until a rushing noise is heard. Then adjust the "SQUELCH" control counterclockwise until the rushing noise disappears.
5. Press the "MANUAL-SCAN" switch downward and continue to step through all channels. If the noise should reappear or "break the squelch" on any channel, adjust the squelch control counterclockwise again slightly, to quiet the receiver. **THIS MUST BE DONE BETWEEN STATION TRANSMISSIONS.**
6. If your receiver has been programmed to receive your local frequencies, it is now ready for operation. If not, follow instructions in the Programming Section.
7. The "MANUAL-SCAN" switch may now be used to select and monitor any desired channel.
8. To sample all channels automatically, return the "MANUAL-SCAN" switch to "SCAN." Any channel may be omitted as desired by moving the individual channel switch downward (OFF).

## *PROGRAMMING SECTION*

By simple front panel programming, any frequencies in the bands shown can be selected from the code table and put into the 16 channels in any desired order. Having determined the frequencies you wish to receive, follow the programming instructions listed below.

In step #1 when the "ready" switch is pushed down, the 16 channel switches are changed from their normal lock-out function to become "data entry" switches. When the "enter" switch is actuated, an automatic cycle begins which erases any previous data in the memory for that channel and "enters" the new data (or frequency) then set up by the 16 switches.

### **PROGRAMMING INSTRUCTIONS**

To program a channel frequency:

1. Move "READY" switch to "DOWN" position (Program indicator will light).
2. Move all of the 16 lever switches to the down position.

3. Manually step channel indicator to channel number to be programmed.
4. Determine exact frequency you wish to receive on that channel.
5. Find the frequency in the "look-up" chart. If the desired frequency is not in the chart, refer to [Programming by Formula](#).
6. The number alongside the frequency in the look-up chart indicate which lever switches should be moved to the "UP" position. Move indicated switches to the "UP" position. Recheck the numbers and switch positions to be sure they are correct.
7. If you desire "rescan delay" on this channel, move lever switch #16 to the "UP" position.
8. Move the momentary contact (spring return) "ENTER" switch to the "DOWN" position and release. Channel indicator will turn off for about one second. This channel is now programmed.
9. Repeat steps 2 thru 8 for each frequency to be programmed.
10. When programming is complete, return the "READY" switch to the "UP" position ("program" indicator light will go off). The 16 switches now function as channel lock-out switches again.