

## Operation (Cont.)

### Operating Procedure to Transmit

1. Be sure the operator has read and understands part 95, F.C.C. Rules and Regulations prior to operating the transmitter.
2. Select the desired channel.
3. Set the DYNAMIKE control fully clockwise.
4. The receiver and transmitter are controlled by the press-to-talk switch on the microphone. Press the switch and the transmitter is activated; release switch to receive. When transmitting (on a clear channel), hold the microphone two inches from the mouth and speak clearly in a normal voice.

Be sure the antenna is properly connected to the radio before transmitting. Prolonged transmitting without an antenna, or a poorly matched antenna, could cause damage to the transmitter.

### Operating Procedure to Receive Weather Band

1. Place CB/WEATHER Switch in the WEATHER position. **WEATHER** indicator will light.
2. Turn the Weather Channel Selector (1-7) until you find the Weather Channel with the clearest reception. Sometimes more than one channel can be received depending on your location in the broadcast area; however, the closest broadcast to you will be the one with the clearest signal (the least static or background noise).
3. If threatening weather is nearby, the National Weather Service may broadcast a 10 second alert tone. This tone will be heard through the CB, even if the CB/WEATHER Switch is in the CB mode (receiving only) or the unit is turned off. This enables you to monitor CB frequencies and still be warned by the National Weather Service Emergency Alert. When you hear the alert, place the CB/WEATHER switch in the WEATHER position (**WEATHER** indicator will light). You will then be able to hear the Weather Warning Broadcast.

## Operation (Cont.)

### ALTERNATE MICROPHONES

For best results, the user should select a low-impedance dynamic type microphone or a transistorized microphone. Transistorized type microphones have a low output impedance characteristic. The microphones must be provided with a four-lead cable. The audio conductor and its shielded lead comprise two of the leads. The third lead is for receive control, the fourth is for grounding and fifth is for transmit control.

The microphone should provide the functions shown in schematic below.

