

CODE PRACTICE OSCILLATOR & CW MONITOR WBNZD

Model OCM is a solid state, combination code practice oscillator and CW monitor. In addition to being a code practice oscillator, it may be used as a CW keying monitor with a transmitter employing grid bias keying.

INSTALLATION OF BATTERIES

1. Remove the four screws, one at each corner of the front panel.
2. Remove the front panel assembly by pulling gently on the knobs and lifting the assembly clear of the cabinet.
3. Insert two penlight cells into the battery holder. Use Eveready No. 915, Burgess No. Z (size AA or equivalent). Insert the cells so the positive terminals of the cells touch the terminals of the battery holder marked (+). See Fig. A. The end of the cell with the small projection in the center is the positive terminal. (Be careful not to put the battery in backwards as this can damage the transistor.)
4. Put the front panel assembly back in the case. Be careful not to damage parts.)
5. Replace the four screws, one in each corner of the front panel. Do not over-tighten.

OPERATION AS CODE OSCILLATOR USING INTERNAL SPEAKER

1. Install the cells as described under "Installation of Batteries".
2. Connect the key to the terminals marked KEY and COM.
3. The unit is now ready for use. Adjust the TONE control and VOLUME control as desired.

OPERATION AS CODE OSCILLATOR USING PHONES OR SEPARATE SPEAKER

1. Install the batteries as described under "Installation of Batteries".
2. Connect the key to the terminals marked KEY and COM.
3. Connect the external speaker (between 3.2 and 16 ohms) or any type of headphones to the unit, using a Switchcraft 350 or 220 plug, or equivalent. (If a speaker is used be careful to see that nothing else is connected to it, otherwise damage to the transistor may result.)
4. The unit is now ready for use. Adjust the TONE control and VOLUME control as desired.

OPERATION AS A DIRECTLY KEYED CW MONITOR

This section is for negative-biased keyed transmitters and transceivers only. It is not for cathode-biased transmitters.

1. Install batteries.
2. Connect the COM terminal of the OCM to the grounded side of the key and transmitter.
3. Connect the KEY terminal of the OCM to the hot side of the key.
4. Connect the XMTR terminal to the hot key terminal of the transmitter.
5. The unit is now ready for use. Adjust the TONE control and VOLUME control as desired. When the key is closed, the monitor will sound. Operation of the transmitter or transceiver is unchanged.

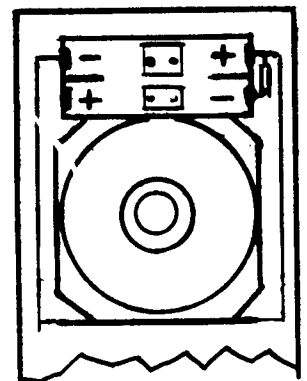
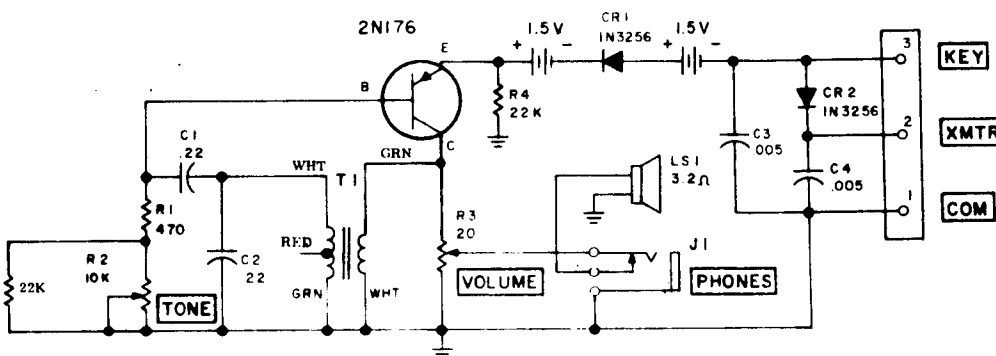


Fig. A