



“CONVERTA-COM” Mobile Radio Console for MT500 “BBU” Series “Handie-Talkie” Radios



Operating Instructions for Model N1248A

68P81013C35-O

NOTE

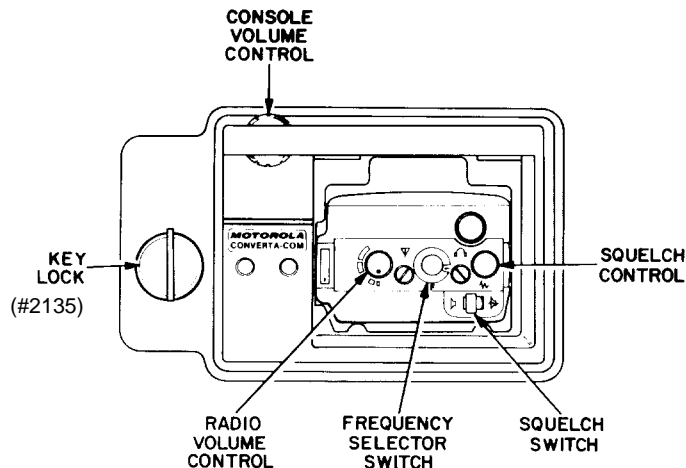
A companion MT500 Series "Handie-Talkie" portable radio must be installed in the console for mobile two-way radio operation. The following procedures describe typical operation with a portable radio containing all the standard features, including "Private-Line" squelch. Disregard procedures referring to controls not contained on your radio.

INSTALL THE RADIO IN THE CONSOLE

1. Place the portable radio in the console pocket so the radio speaker grille faces the bottom of the console.
2. Push the radio until it latches (top of the radio about flush with the face of the console).
3. Turn the key clockwise to lock the radio in the pocket.
4. The key may be removed from the lock when in its locked or unlocked position.

TURN ON, SET VOLUME, SET SQUELCH, AND MONITOR

1. Rotate the portable radio volume control one-half turn clockwise to turn on the radio. This also turns on the night light which illuminates the radio controls. The night light is also turned on when the ignition switch is turned on.
2. Place the squelch switch in its off position (⏏).
3. Rotate the radio squelch control to the maximum counterclockwise position and set the volume control to a comfortable listening level. If the optional 12-watt speaker is used, the radio volume control is disabled and the volume is now controlled by the console volume control.
4. When the channel is clear, slowly rotate the squelch control clockwise until the noise stops (squelches).
5. Set the frequency selector switch on the radio to the desired channel and listen for broadcasts.
6. Place the squelch switch in the on position (⏏) after monitoring.



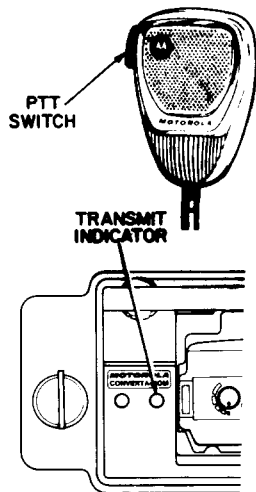
TRANSMIT AND RECEIVE WHEN CHANNEL IS CLEAR

NOTE

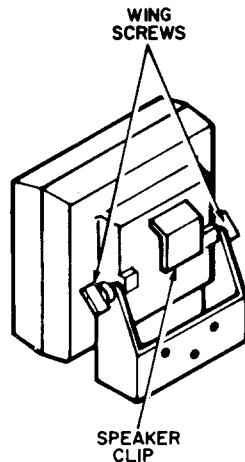
The red transmitter indicator glows when the transmitter is on-the-air.

To transmit, place the ignition switch in its on position. Hold the push-to-talk switch depressed (on the microphone) and speak normally across the microphone with lips about two inches from the grille. (Mike is TMN6054A)

When finished talking, release the push-to-talk switch to permit receiving.

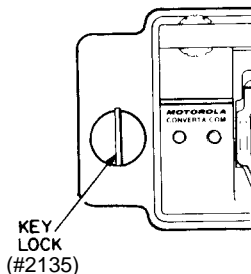


1. If the console is equipped with either the $\frac{1}{2}$ -watt or 12-watt speaker option, loosen — do not remove — the two wing screws holding the speaker in the bracket and lift the speaker from the bracket.
2. Lower the window slightly in the vehicle and clip the speaker over the top of the window. This permits hearing calls in the area around the vehicle.



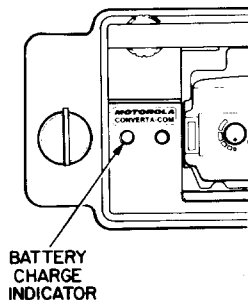
REMOVE RADIO WHEN LEAVING THE VEHICLE

Turn the key counterclockwise to unlock the radio, and while still holding the key push the key lock barrel. The radio will spring forward for easy removal. Pull the radio out of the console and refer to the portable radio manual for operation. Turn off the ignition switch for minimum current drain.



KEEP THE BATTERY CHARGED IN THE RADIO

The battery in the radio is automatically recharged while installed in the console with the ignition switch on. The green indicator glows to indicate the radio battery is connected to the "Converta-Com" console and is being charged.



MODEL VARIATIONS AND OPERATION

TIME-OUT-TIMER OPTION - "Converta-Com" Consoles equipped with this option contain a special circuit which turns off the radio transmitter and emits an alert tone from the speaker after continuously transmitting for about 60 seconds. When the PTT switch is released, the alert tone is stopped, the red transmitter indicator stops glowing, and the receiver operates normally. Another transmission may be initiated immediately after releasing the PTT switch. This option also alerts you if the transmitter is accidentally keyed — preventing channel tie-up.

SIDE-TONE SWITCHING OPTION - "Converta-Com" Consoles equipped with this option operate in the same manner as described in the "Operating Instruction" booklet for the portable radio. This option enables the operator to monitor Single-Tone Remote Signaling or Unit ID Tone transmission on the 12-watt audio speaker so the operator will know when the voice message can start.

TIME-OUT TIMER WITH SIDE-TONE SWITCHING OPTION - "Converta-Com" Consoles equipped with this option operate in the same manner as described above for the Time-Out option and the Side-Tone Switching option.

12-WATT AUDIO SPEAKER OPTION - "Converta-Com" consoles equipped with the 12-Watt Audio Speaker operate in the same manner as the standard "Converta-Com" console except the radio volume control is disabled and the volume is controlled by the console volume control.

1/2-WATT AUDIO SPEAKER OPTION - "Converta-Com" consoles equipped with the 1/2-Watt Audio Speaker operate in the same manner as the standard "Converta-Com" console.



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