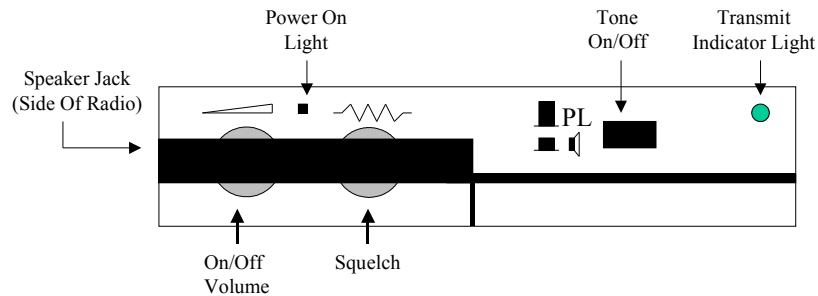


Motorola Moxy™ Radio -User Guide



Quick Step Guide

1. Check the antenna connection to the radio.
 - Is it connected and is the connection tight.
2. Check the power supply.
 - Is the power supply plugged into the wall
 - Is the radio plugged into the power supply.
3. Turn on the power supply.
4. Turn the radio **ON/OFF Volume** knob clockwise.
 - The radio green **Power On** light should come on.
5. Set the Tone On/Off to the out position so the radio will operate with the encoded tone.
 - Set the volume to the desired level.

This radio has only one channel and only one transmit power level.

On/Off Volume

Rotate clockwise to turn the radio on or to increase the volume. Turn counter clockwise to turn the radio off or decrease the volume.

Squelch

Rotate clockwise to set the squelch. Usually this is set to the point where the speaker just goes quiet.

- This function only works when the Tone button is in, disabling the CTCSS/PL tone.

Tone On/Off

Each radio channel can have a tone capability, so only signals with a specific embedded tone will come out on the radio speaker. Motorola calls this Private Line (PL) and there is a specific set of PL tones to choose from. All radios in a group must send (encode) and receive (decode) the same tone. The tone selection cannot be changed by the user.

- Tone On [Button is out]: The radio speaker will only be active when a signal with the required tone is heard by the radio. The Squelch control is disabled in this mode.
- Tone Off [Button is in]: The radio speaker will be active for any signal that is heard by the radio. The Squelch control is used to set how strong the incoming signal must be before the radio will activate the speaker.

Specifications

Output Power: 25 W

DC Power: 13.8V

Measured Current: RX = 0.3A, RX+TX = 4.5A

Frequency: 162.150 MHz CTCSS Tone: 141.3