



MOTOROLA

DLR Series Two Way Radio

Basic How-To Operations

1. WHAT'S IN THE BOX?

a. Upon receiving your DLR radios, there are multiple items included that need to be identified. Included items in the packaging are: DLR handset, swivel belt clip holster, lithium ion battery, single-unit drop in charging cradle with power supply and DLR user manual.

2. BASIC OPERATION

a. DLR radios operate using a basic push-to-talk function. Hold the radio 6-8 inches from your mouth and press and hold the PTT button to transmit. Speak at a normal volume level. Only one radio can transmit at a time on each channel, while all other radios receive. If multiple radios' PTT buttons are pressed at the same time, the one that was pressed first takes priority.

b. Multiple channels allows for separate conversations to occur simultaneously. This is best utilized if a location has different teams or departments that desire private conversations. To switch to a different channel, press the menu button, and either the + or - button on the left side of your radio to switch to the desired channel.

c. Using an earpiece keeps conversations discreet, and offers the convenience of an easily accessible PTT that can be pressed on the earpiece's wiring. To properly connect an earpiece, make sure that your radio is turned off and you firmly press the earpiece into the accessory port. You can then turn your radio on and use either the PTT on the radio or on the earpiece line to transmit. Adjusting the volume on your radio will adjust your earpiece volume.

3. DIGITAL BENEFITS

The DLR series two way radios are a part of Motorola's 900 MHz frequency hopping spectrum, and offer several benefits over analog including but not limited to:



a. **Enhanced Noise Cancellation** – Motorola's 900 MHz digital product line uses advanced noise cancellation technology to eliminate background noise from transmissions, sending only voice. This is great for radios being used in noise environments!

b. **Private Reply** – By default, a channel transmits using a one-to-many type call, meaning that the transmitting radio is speaking to all other radios currently turned to that channel. With the DLR radio, you can respond to a group call with what we call a "private reply". To initiate a private reply, after the original transmission on your group press the **Top Programmable Button** and begin speaking. This is now a private conversation from your specific radio to the radio that initiated the conversation. The call will remain private until the conversation times out and the radio reverts back to its original state.

c. **Private Groups / Calls** – Certain channels can be designated as either a private group or one-to-one call. The difference between these two types of calls is:

i. **Private Group** – This feature is most often used as a private channel between certain designated radios. For example, supervisors may want to have a channel that is available only to their radios without allowing others to have access to their "private group". This has to be pre-programmed using the Business Radio CPS Software. Contact your dealer for assistance.

ii. **Private Call** – This feature is most often used to call a certain individual directly, initiating a "private call" with your radio and the specific radio that you are attempting to reach. This is the same feature that can be activated by initiating a private reply (see 3B above). This has to be pre-programmed using the Business Radio CPS Software. Contact your dealer for assistance.