



MOTOROLA

I. GENERAL INFORMATION

- Cloning duplicates the contents of radio 1 (source radio) into radio 2 (target radio). Tuning and alignment information are not affected by cloning.
- Radios to be cloned must have the **identical** model number and be equipped with the same software options. Radio functionality inherent in one radio cannot be cloned to another radio that does not contain the same functionality.

Note: The VISAR™ Privacy Plus® model radios do not support radio-to-radio cloning.

- An attempt to clone radios that are not of the same model number or software options will result in an error indication, but an unsuccessful attempt will not damage the radio.
- MDC and Star IDs (Identification Numbers) are duplicated in the cloning process. Unique IDs may be assigned with the radio service software.

II. PROCEDURE

- A. Turn both radios off by rotating the volume control knob fully counterclockwise.
- B. Plug the cloning cable (RKN4043A) into the side connectors of both radios with the cable toward the top of the radios.
- C. Turn on radio 2 (target radio) by rotating the volume control clockwise.
- D. **Simultaneously** press the PTT **and** side button 2 (side button nearest the PTT) on radio 1 (source radio), and then turn radio 1 on.
- E. The green LED on both radios will light, and display-equipped radios will display "CL." At this point, release the PTT and side button 2.
- F. The cloning process is complete when the green LEDs turn off. The radios will turn off and on automatically (that is, they will "reset"), and then return to normal operation.

Note: Cloning will take approximately five seconds.

G. Disconnect the cloning cable, and the radios are ready for operation.

III. ERROR CONDITIONS

An unsuccessful cloning attempt will be indicated by radio 1 (source radio) not resetting, and the display continuing to show "CL." Radio 1 must be reset by turning it off and on. Unsuccessful cloning attempts may result under one of the following conditions:

- A. Communication cannot be established between the radios. If this occurs, the cloning cable should be checked to verify that it is properly connected to both radios. Check the cable's integrity. Radio 2 (target radio) should also be checked to verify that it is turned on. Return to section II, step A and repeat the procedure.
- B. The model numbers or the software options are not the same. Cloning cannot be performed in these cases.
- C. Communication between the two radios is disrupted during the cloning process. If this occurs, check the cloning cable and all connections. Return to section II, step A and repeat the procedure.



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