

PROFESSIONAL DIGITAL TWO-WAY RADIO



MOTOTRBO HANDHELD CONTROL HEAD

INSTALLATION GUIDE



PMLN7131_

en

zh-CN

de-DE

fr-FR

es-ES

it-IT

tr

pl

ru

ar-EG

Handheld Control Head Installation



Caution

The radio must be disconnected from the power supply before commencing any disassembly.

The Radio Installation Manual should be referred to for more detailed information on warning and safety.

If the mobile radio is equipped with Bluetooth, depending on where the transceiver is mounted, the range of the Bluetooth connected devices can be reduced. Remounting the transceiver in another location may be necessary to improve the coverage. Avoid placing large metal objects directly in front of the transceiver as this can also reduce range.

Note: For proper operation, the firmware version in the radio must match the firmware version in the handheld control head. The red LED blinks when there is a firmware version mismatch between the handheld control head and the radio. When this happens, the firmware version in the handheld control head can be matched to the firmware version in the radio by using the CPS to upgrade the radio firmware to the latest release with the handheld control head attached. If the radio already contains the latest firmware release, then the Recovery option will have to be used instead.

Note: When using the Recovery option, save a copy of the codeplug first, then reprogram the radio after the Recovery is completed.

To Disassemble the Control Head from the Radio

1. Insert the dismantling tool in the groove between the control head and the radio assembly.
2. Press the dismantling tool under the control head to release the snap features.
3. Separate the control head and the radio by removing flex cable from radio assembly.

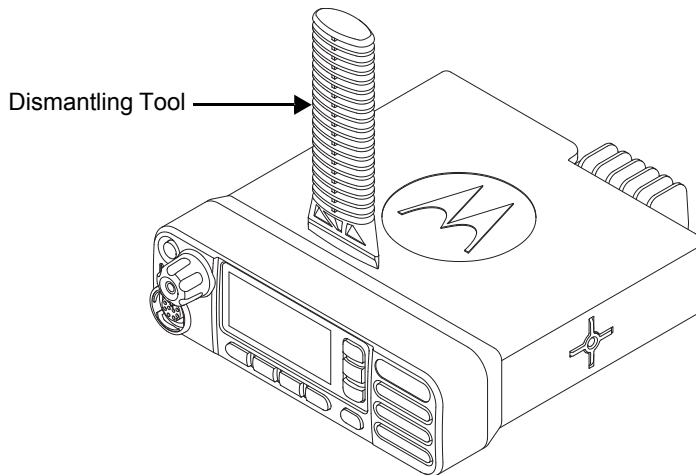


Figure 1. Control Head Removal

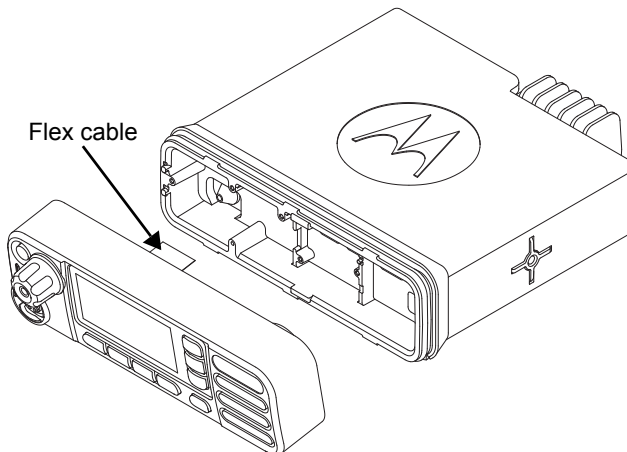


Figure 2. Flexible Connection Removal

To Assemble the Handheld Control Head Transceiver Adapter on the Radio

1. Verify that the flex cable is fully seated in the connector on the handheld control head transceiver adapter. (See Figure 3.)
2. Assemble the flex cable to the flex connector in the radio assembly, making sure it is fully seated. (See Figure 3.)
3. Press the handheld control head transceiver adapter housing onto the radio chassis until ALL the tabs snap into place.

To Connect the Handheld Control Head to the Transceiver Adapter

1. Connect the cable to the transceiver adapter and fasten the two jack screws clockwise. (See Figure 3.)
2. Connect the other end of the cable to the handheld control head and turn the cable by the collar clockwise. (See Figure 3.)

To Install the Handheld Control Head

1. Position the hang-up clip in the desired location for the handheld control head, and mark the positions of the holes on the mounting surface.
2. Center punch the marked spots and realign the hang-up clip in position.
3. Secure the hang-up clip with the self-drilling screws provided.
4. Attach the handheld control head to the hang-up clip.

To Install the Mobile Radio

The Radio Installation Manual should be referred to for detailed radio installation steps.

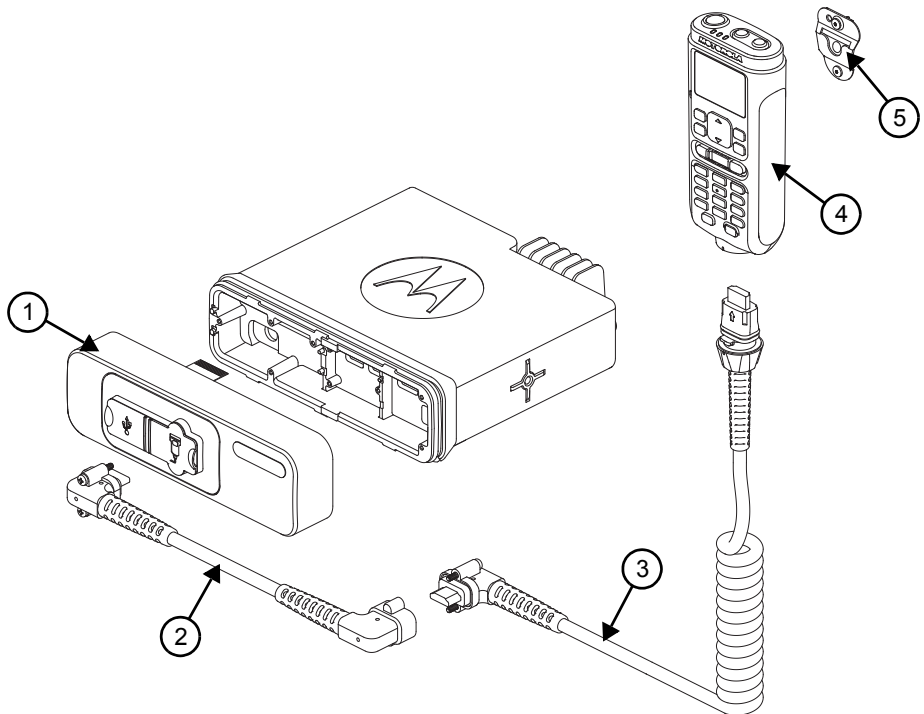


Figure 3. Handheld Control Head Assembly

Table 1: Replacement Components

Item	Part Number	Description
1	PMLN7033_	Handheld Control Head Transceiver Adapter
2	PMKN4174_*	5-Meter Straight Extension Cable
3	CB000130A01	3-Meter Main Coiled Cable
4	PMLN7032_	Handheld Control Head
5	HLN9073_	Hang-Up Clip
6	6686119B01	Dismantling Tool

*Cable kits to be ordered separately.

Note: Specifications are subject to change without notice. Contact Motorola Solutions dealer for the latest specifications.



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October 2014



MN000929A01-AA