



MOBILE MICROPHONE

HMN4079_, HMN4108_, HMN4109_,
HMN4110_, HMN4111_

FOREWORD

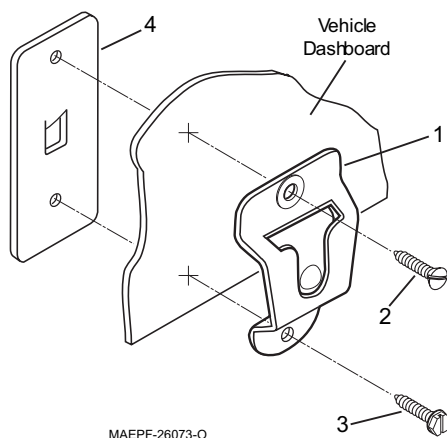
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference
(2) This device must accept any interference received, including interference that may cause undesired operation.

DESCRIPTION

The Mobile Keypad Microphone (Mic) (Motorola® Kit numbers are mentioned in the title above) is a full keypad handheld microphone. The keypad on this microphone is intended to assist in navigating through the menus on its parent device, as well as entering information such as phone numbers and menu picks.

INSTALLATION

1. Refer to illustration below and attach hangup clip (1) to vehicle using the two sheet metal screws and back-up plate provided. Place back-up plate (4) behind dashboard. Use flat-head screw (2) in top mounting hole and hex-washer screw (3) in bottom mounting hole. Be certain mounting screws fasten into holes in back-up plate.



ITEM NUMBER	MOTOROLA PART NUMBER	DESCRIPTION
1	0180757T98	Hang-up Clip
2	0312002C01	Flat-Head Screw
3	0312002A01	Hex-Washer Head Screw
4	0780257N01	Back-up Plate

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2. Insert button on rear housing of Mic into hang-up clip.
3. Insert the GCAI plug on the radio end of the Mic cord into the GCAI jack on the front of the radio.
4. Turn the locking collar on the radio end of the Mic cord $\frac{1}{4}$ turn clockwise to secure it in place.

DISCONNECTING MIC FROM RADIO

1. Turn the locking collar on the radio end of the Mic cord $\frac{1}{4}$ turn counter clockwise.
2. Pull cable from GCAI connector to release.

OPERATION

Press PTT switch before speaking into Mic. Position Mic about 1-inch away from mouth and speak into Mic in a normal voice.

TROUBLESHOOTING

Troubleshooting of Mic is limited to determining whether the inoperable condition of a Mic is caused by a faulty Mic Cord or a faulty Mic Head. To make this determination and correct the fault, replace the Mic Cord with the spare first. If replacing the Mic Cord does not restore operation, replace the Mic Head. The Mic Cord and Mic Head are not repairable items, therefore they must be replaced when they are determined to be faulty.

REPLACING MIC CORD

Removing Cord from Mic Body

1. Refer to illustration on next page. Grasp locking collar and, while pushing it firmly towards Mic body, turn it counterclockwise $\frac{1}{4}$ turn to disengage it from Mic body.
2. Disconnect cord from Mic body by pulling TELCO connector (which has no tab on it) out of TELCO jack on circuit board inside Mic body.

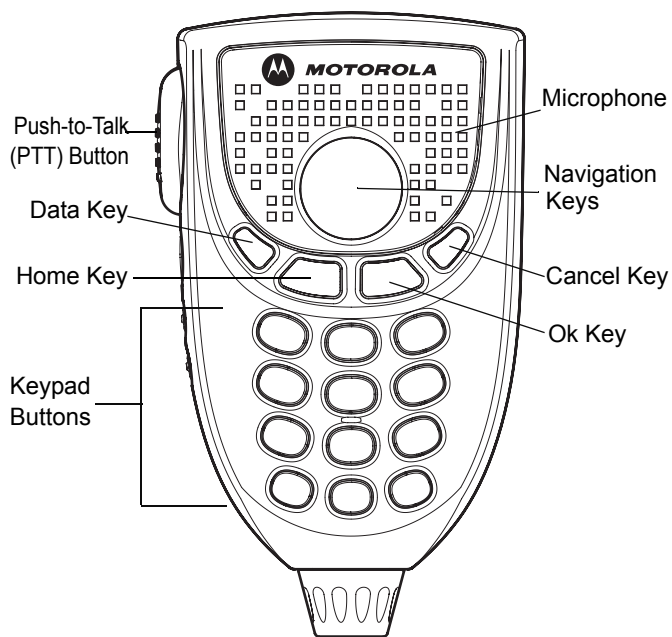
Installing Cord Into Mic Body

1. Slide locking collar on Mic end of cord away from TELCO plug and past strain relief on cord.
2. Orient TELCO plug on Mic end of cord so that it aligns with TELCO jack inside Mic body and its contacts face rear of Mic housing.
3. Pass TELCO plug through hole at bottom of Mic body and plug it into TELCO jack on circuit board inside Mic body.
4. Slide locking collar back up on cord with tabs on its sides facing sides of Mic body.
5. Push locking collar firmly into hole at bottom of Mic body then turn it $\frac{1}{4}$ turn clockwise to secure it in place.

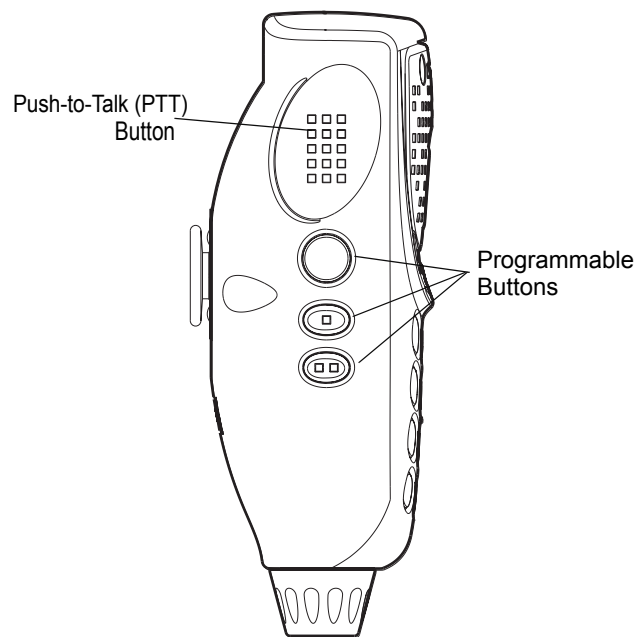


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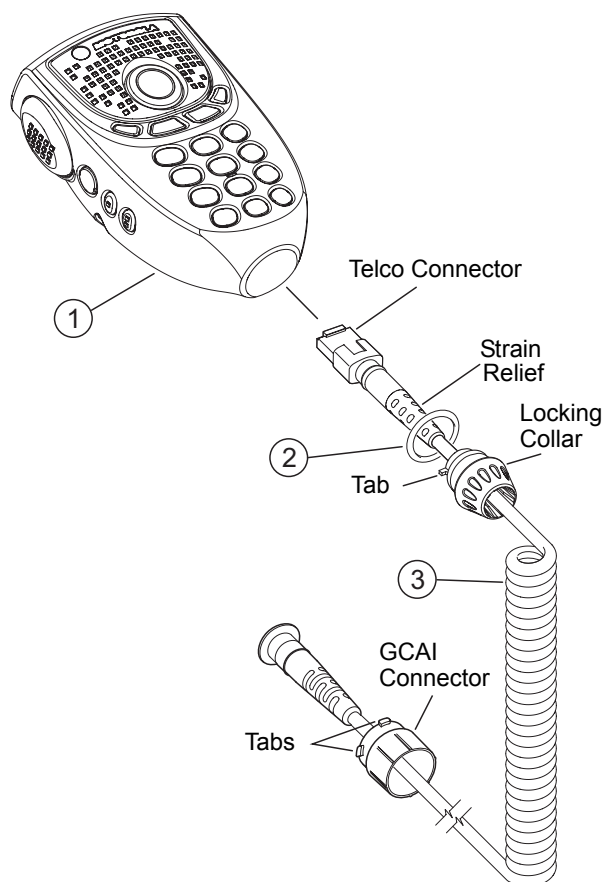


Keypad Mic - front view



Keypad Mic - side view

Refer to the control head manuals for further information on the specific functionality of the buttons



FIELD REPLACEABLE UNITS

ITEM NUMBER	MOTOROLA PART NO.	DESCRIPTION
1	N/A	Mic Head
2	3205508Z02	O-Ring, White (On Mic Head)
3	3064153H04	Cord