

## TMAA02-08 Keypad Microphone Installation Instructions



### Introduction

The TMAA02-08 keypad microphone plugs into the microphone socket on the graphical-display radio control head, and enables users to make calls to other radios, groups, or to a PABX or PSTN. The types of call that you can make depends on the way your radio has been programmed.

As well as the PTT key, there are twelve alphanumeric keys, two scroll keys, and a left and right selection key on the keypad microphone. The selection keys and scroll keys duplicate the keys on the control head and the 12 alphanumeric keys on the keypad microphone are used to dial call strings and enter text.

The microphone button operates a hookswitch, which is closed when the microphone is connected to the microphone clip, and open when the microphone is removed from the microphone clip. The function of the hookswitch is determined by the way the radio is programmed.



### Operation

#### Dialling Characters

If an incorrect character has been dialled, use the left selection key on either the microphone keypad or control head to clear it and move back one character.

#### Dialling Text Messages

When the keypad microphone is used to enter a text message, the microphone keys have special functions. Use the **#** key to toggle between upper and lower case characters and use the left selection key **<** to delete a character from the display.

The alphanumeric keys 0 to 9 are used to enter letters, numbers and punctuation. Repeated presses of these keys will give you the characters shown in the table below.

Key	Characters	Key	Characters
1	. , ? ! 1	7 <sub>PQRS</sub>	P Q R S 7
2 <sub>ABC</sub>	A B C 2	8 <sub>TUV</sub>	T U V 8
3 <sub>DEF</sub>	D E F 3	9 <sub>WXYZ</sub>	W X Y Z 9
4 <sub>GHI</sub>	G H I 4	0	space 0
5 <sub>JKL</sub>	J K L 5	*	*
6 <sub>MNO</sub>	M N O 6		

## Installation



**Important:** The keypad microphone grommet must be installed whenever the microphone is plugged into the microphone socket. When installed, the grommet has two functions:

- to prevent damage to the microphone socket when there is movement of the microphone cord, and
- to ensure that the control head is sealed against water, dust and other environmental hazards.

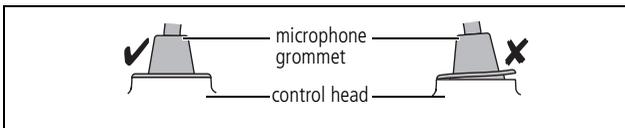
1. Make sure the radio is turned off, then plug the keypad microphone cord into the microphone socket on the radio control head.



**Important:** The radio will only recognize the presence of the keypad microphone when the radio is powered on, so that if the microphone is plugged in after the radio has been powered on, it will not recognize the keypad microphone. Also, if the keypad microphone is plugged in on power up but is later unplugged, then plugged back in, the radio will not recognize it again until the next power cycle.

2. Slide the microphone grommet along the microphone cord and push two adjacent corners of the grommet into the microphone socket cavity.
3. Squeeze the grommet and push the remaining corners into position.
4. Check that the grommet is seated correctly in the cavity.

### Correct keypad microphone grommet seating



## Installing the Microphone Clip

Install the microphone clip in the most convenient location for the radio user. It must be within easy reach of the user, but in such a position that the microphone PTT key cannot be inadvertently activated or jammed on.

## Radio Programming

The radio does not need to be programmed to recognize the presence of a keypad microphone, as this is automatically done when the radio is powered on. However, there are a few related fields that should be configured, as required, to enable the keypad microphone to be used effectively.

**Note:** You **must** power-cycle the radio after replacing the keypad microphone with a programming lead, in order to read or program the radio.

### Conventional Forms

In conventional mode, there are check boxes labelled “Selcall Call Dialling”, “DTMF Call Dialling” and “Phone Patch Call Dialling”. There is also an option “Conventional Dialling Type” field, where you can program the radio to dial labels or channels from the default display.

Refer to the online help of the programming application for more information about these programming options.

### MPT Trunked Forms

In MPT trunked mode, there may be check boxes labelled “DTMF Dialling”, “PABX Calls” and “PSTN Calls”. These check boxes need to be selected before you can make these types of calls.

Refer to the online help of the programming application for more information about these programming options.

## More Information

Refer to your radio provider for more information about this product.