

Introduction

The TMAA10-04 hands-free kit plugs into the radio's auxiliary connector and can be used in conjunction with the radio's rugged microphone. When hands-free operation is required, the user activates the PTT using the conveniently located remote PTT key, and the remote electret microphone replaces communication through the usual rugged microphone.

An extension lead is provided for the remote PTT and there are three mounting options for the remote microphone.

Note that the hands-free kit does not provide hookswitch operation. If this is required, the rugged microphone can provide this.



Important: The radio does not meet the IP54 protection standard once a hands-free kit has been installed.

Installation



Important: Care should be taken to avoid routing any cables near vehicle pedal controls, steering column and other moving parts.

Installing the Microphone

1. Choose one of the three mounting options provided for the remote microphone and determine the most appropriate location for the microphone.

The mounting position of the microphone should be no more than 50cm (20 inches) from the user's mouth.

2. Route the remote microphone cable so as not to distract the driver.
3. Mount the remote microphone in the chosen location and check that the microphone and cable are clear of all the usual movements performed by the user.

Installing the Remote PTT



Important: The remote PTT must be operable from a normal driving position.

1. Secure the remote PTT in position using the velcro strap and plug the remote PTT cord into the remote PTT extension lead.
A common position for the remote PTT is on the gear lever of the vehicle.
2. Check that the cord and lead do not interfere with the safe operation of the vehicle.

Radio Programming

The following tables show the settings required in the PTT form and Programmable I/O form of the TM8000 Programming Application. Some of these settings are default settings and may not need to be changed. Refer to the online help of the programming application for more information.

Hands-Free PTT Form Settings



Note: If hookswitch operation is programmed for the rugged microphone and the Inhibit PTT Transmission When Mic On Hook field is selected in the PTT tab of the PTT form, then the handsfree remote PTT cannot transmit when the rugged microphone hookswitch is closed (the microphone is on the microphone clip).

Hands-free settings in the PTT form, External PTT (1) tab

Field	Setting	
Advanced EPTT1	PTT Transmission Type	Voice
	Audio Source	AUX MIC

Hands-Free Programmable I/O Form Settings



Note: The Programmable I/O form setting for AUX_GPIO4 must have the default programming settings and the AUX_GPIO4 pullup resistor on the radio main PCB must be set for the factory default of 3.3V (R769 fitted).

Hands-free settings in the Programmable I/O form, Digital tab

Pin	Direction	Label	Action	Active	Debounce	Signal State	Mirrored To
AUX_GPI1	Input	None	External PTT 1	Low	25	None	None
AUX_GPIO4	None	None	No Action	None	None	None	None

More Information

Refer to the TM8100 Mobile Radio Service and Accessories Manual (product code MM8100-01-00-812) for more information about this product.

