

TMAA10-09 and TMAA10-10 Hand-Held Control Head Remote Microphone and PTT Kits Installation Instructions



Introduction

The TMAA10-09 and TMAA10-10 remote microphone and PTT kits are used in conjunction with the TMAC70 hand-held control head. These kits use a remote electret microphone and PTT to replace the corresponding controls on the hand-held control head. The hand-held control head can still provide hookswitch operation, if this is required.

Both kits plug into the TMAA03-29 remote interface box that is used when a hand-held control head is installed remotely from the radio body.

The TMAA10-09 kit provides a floor-mounted footswitch for remote PTT operation, whereas the TMAA10-10 provides a gear-lever mounted remote PTT option.

An extension lead is provided for the remote PTT.



Installation Precautions



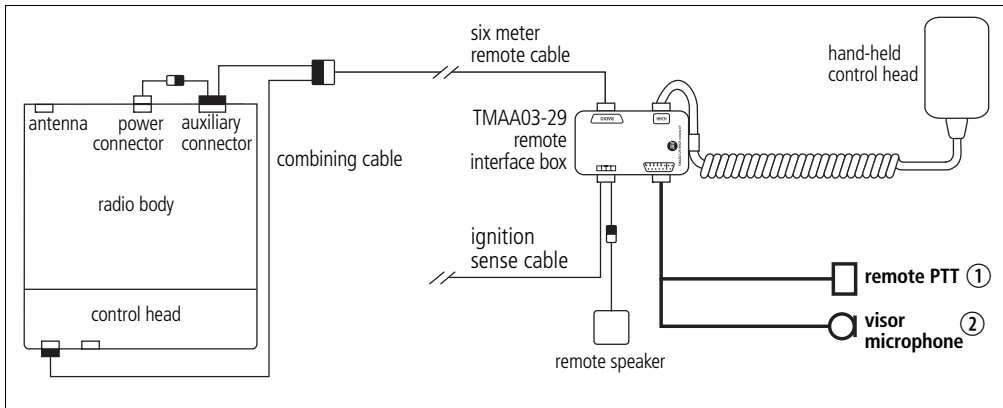
Important: Care should be taken to avoid routing any cables near vehicle pedal controls, steering column and other moving parts.



Important: When drilling holes in a vehicle, check that drilling at the selected points will not damage existing wiring, petrol tanks, fuel lines, brake pipes or battery cables.

Installation

The circled numbers in the “Installation” section refer to the items in the following diagram. The items named in **bold** are part of the TMAA10-09 or TMAA10-10 kits.



Installing the Remote Microphone

1. Determine the most appropriate location for the remote microphone.
The mounting position of the microphone should be no more than 50 cm (20 inches) from the user's mouth.
2. Route the microphone cable so as not to distract the driver.
3. Mount the 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 and plug the remote PTT cord into the remote PTT extension lead.
A common position for the TMAA10-10 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

Remote PTT Settings in the PTT Form

The following table shows the settings required in the PTT form of the 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.



Note: The remote PTT cannot transmit when the hand-held control head is on its mounting clip (hookswitch is closed) if:

- hookswitch operation is programmed for the hand-held control head, and
- the **Inhibit PTT Transmission When Mic On Hook** field is selected in the PTT tab of the PTT form.

Remote PTT settings in the PTT form, External PTT (1) tab

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

Remote PTT Settings in the Programmable I/O Form



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 3.3 V (R769 fitted).

Remote PTT 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 your radio provider for more information about this product.

