



Icom IC-9700 PTT Multiplier

Connections:

8 Pin Din lead from 'ACC' on IC-9700 to either 'ACC' socket on the PTT Multiplier

3.5mm mono lead from 'Remote' on IC-9700 to 'CI-V' on PTT Multiplier

IC-9700 settings:

Menu : Set : Connectors : CI-V :

CI-V Address: **A2h** (this is the default – cannot be anything else)

CI-V USB Port: **Unlink from [REMOTE]**

CI-V Baud Rate: **9600 or Auto**

CI-V DATA Echo Back: **OFF**

Notes:

The unit will flash all LEDs if CI-V communications are lost. All pins on the two ACC sockets are passed through internally.

FAQ:

Does it track the TX band properly?

Yes, it does – it will always tx on the correct band whatever you have highlighted on the rig. In satellite mode the 9700 tx band is from sub not main – the PTT Multiplier detects this automatically so the correct tx band is chosen for satellite mode.

How quickly will it operate the PTT line?

The PTT Multiplier will pull down the chosen PTT line in <30 microseconds (yes microseconds not milliseconds) of the command exiting the ACC socket on the IC-9700.

Can the CI-V be used from the USB port on the IC-9700 at the same time for other software etc?

Yes, it can – this will not interfere with the operation of the PTT multiplier.

What about future upgrades?

The PTT multiplier has an on-board PIC microcontroller. Firmware for this can be upgraded by use of a PicKit3 interface and a suitable hex file to upload.

Will the PTT multiplier work with other rigs?

No – the unit is programmed to recognise and function specifically with the Icom IC-9700 only.

DISCLAIMER

The DX Shop Limited accepts no liability whatsoever for damage to any equipment that is connected to this unit.