



# ContestConsole for ICOM

Thank you for buying the ContestConsole for your ICOM radio. It's a product that lots of people have asked us for! The ContestConsole gives you instant push-button access to various functions on your radio. Handy for the occasional contester but also for getting the most out of your radio in general use! The functions that the ContestConsole will provide depend on what is supported by your radio. Our handy [compatibility matrix](#) will help you.

## Operation

Using the ContestConsole is very easy! Plug the flying lead of the ContestConsole into the microphone socket on your radio and plug your normal microphone into the socket on the rear of the unit.

## Memories M1-M2-M3-M4

The ContestConsole allows direct access to four of your pre-programmed message memories. Your transceiver will need to be set up to recognise an external keypad. The setting-up process will be covered in the manual for your radio (look for instructions on the use of an **external keypad**).

### **IC-7300 Operation (from [Full Manual section 18-3](#))**

To use the external keypad, turn ON the following items in the CONNECTORS set screen. (p. 12-8)

MENU » SET > Connectors > External Keypad

- VOICE: ON (enables Voice keyer - using this requires an SD card to be installed into the radio)
- KEYER: ON (enables the CW memory keyer)
- RTTY: ON (enables the RTTY message memories)

Once this is done you will be able to access the various message memories directly from the keypad without needing to select them on the radio screen. This direct access allows you to see and use the full capabilities of the screen on the radio without having part of it cluttered up with memory buttons.

Holding the button down will cause a memory to be repeated - see the manual of your radio for details..



## TX PTT Button

The PTT button switches the radio instantly to transmit. This is often a useful function to have to-hand!

## TX Tune Button

The Tune button automatically changes the mode of the radio to transmit a 10 Watt carrier. This is handy for tuning up amplifiers and antenna tuners. Use of the Tune button requires the optional Tune lead. This is connected between the ContestConsole and the Molex antenna tuner socket on your radio.

### **Notes**

On some radios (e.g. the IC-7300) the Tune function does not display SWR  
The Tune power is set by the radio to 10 Watts and is not usually adjustable.

## FREQUENCY DWN-UP

These buttons allow you to control the frequency of your radio. The step size is selected on the radio. Holding the button down causes the frequency to change continuously.



## On the back panel of the ContestConsole...

### **MIC**

This is the socket for your normal microphone.

- 1 = MIC input
- 2 = +8V low current
- 3 = Mem/Freq control
- 4 = Squelch
- 5 = PTT
- 6 = PTT GND
- 7 = MIC GND
- 8 = AF out

### **AUX MIC**

This socket takes a 3.5mm stereo plug.

- Tip = MIC
- Ring = 8V supply (low current - for electret microphones)
- Sleeve = MIC Ground

### **Notes**

Only one microphone should be plugged into the ContestConsole at any time (either MIC or AUX MIC - not both)

### **TUNE**

4 pin DIN socket for connection of the optional low power tune lead.

### **PTT**

Generally used for a foot-switch. This socket takes a 3.5mm stereo or mono plug.

- Tip = PTT
- Ring = not used
- Sleeve = Ground



## Need Support?

Need help; noticed a feature that we have not described; something not clear; something wrong?

Contact me: [richard@sotabeams.co.uk](mailto:richard@sotabeams.co.uk). I'm happy to help!