

ZLP Electronics

A Ham Radio Deluxe Sponsor

DM232 Interface wiring Info.

The DigiMaster DM232 Interface is a multi purpose level converter.

It can be wired to suit a number of functions.

The interface – level converter is built into the PC's connecting cover. The other end is terminated with a connector suitable for the purpose that the unit is sold for.

The connector can of course be exchanged or rewired to suit a different purpose.

Shown below are a few connection details.

The Red wire is "TX DATA" from the unit (not from the radio).

The Yellow wire is "RX data" to the unit (not to the radio).

The black wire is the Ground connection.

The screen should be connected to the metal work of the connector whenever possible.

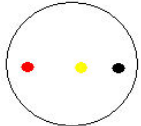
CAT-CIV Icom – 3.5mm mono jack



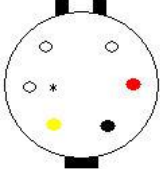
CAT-CIV Icom ICR20 only – 3.5mm stereo jack



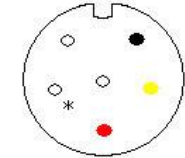
CAT Yaesu FT100 FT817 FT857 FT897 – 8 pin mini din



CAT Yaesu FT 840 FT890 FT900 FT757gx2 – 6 pin mini din



CAT Yaesu FT736 FT747 FT767 FT980 FT990 (Rom version 1.3 only) FT1000 FT1000-D Heath SB1400 FRG100 FRG8800 FRG9600 A 5k6 resistor should be fitted between the black and yellow pins. – 6 pin standard din



Wired as programming interface

Competition chart

Programming Yaesu 6 pin mini din connector [Red and yellow connected together]

For the FT-3000M FT-7100, FT7800, FT8000R, FT8100, FT8800, FT8500, FT8900R etc. – 6 pin mini din



Programming via 3.5 or 2.5mm jack – all radios supported by the opc468

3.5mm and 2.5mm is used on Alinco's. 2.5mm used with Alinco's and many other Yaesu radios with awkward connectors via the CT91 cable.



Icoms IC R2 R3 R5 R10 F3 F4 F10 F11 F12 F21 IC-2100, IC-2200, IC-2720/25 etc. Will work with any radio that requires the opc478. Fully compatible with adms software.

Yaesu VX1 VX2 and VX5 VR120 150 etc and FT50 FT60. To fit the VX7 you need the CT91 adaptor cable and a 3.5 to 2.5mm adaptor.

Alinco DJX series (Basically all Alinco's that program via the 3.5mm jack). Including DJ-X3 DJ-V5T(H) DJ-191 DJ-195T DJ-196T DJ-296T DJ-496T DJ-596T DJ-X10 Dr-135T, 235T & 435T /TG DR-620T & Others..

More Icoms: - ALL ICOMS THAT PROGRAM VIA THE OPC-478 Including
IC-208H IC-2100 IC-2200H IC-2720H IC-2725E IC-2800 IC-A3 IC-A4 IC-A5
IC-E90 IC-F10 IC-F11 IC-F11S IC-F12N IC-F12SN IC-F20 IC-F21 IC-F21S
IC-F22 N/W IC-F22 N/W Low IC-F22S N/W IC-F22S N/W Low IC-F3 IC-F3GS
IC-F3GSN 100 ch IC-F3GT IC-F3GTN 100 ch IC-F3S IC-F4 IC-F4GS IC-F4GSN 100 ch
IC-F4GSW low band IC-F4GT IC-F4GTN IC-F4GTN 100 ch IC-F4GTW IC-F4S
IC-F4TR IC-FR3100 IC-FR4100 ham band IC-FR4100 hi band IC-FR4100 low band
IC-M21 IC-R10 IC-R2 IC-R3 IC-R5.....

DM232 wired for use with LDG-DTS4/6 antenna switch.

Red=tip, yellow = ring, black and screen = body.



[Website](#)