



TMR6490 CONTROL UNIT

GENERAL

Graphical User Interface (GUI)

- The monochrome ¼ VGA display screen allows a 160° viewable area. Dimming from 100% to 5% brightness is provided as well as screensaver timer and display on/off control.

Communication Control Interfaces

- RS-485 global bus communication control
- RS-232 maintenance control

Communication Control Baud Rates

- 300, 600, 1200, 2400, 4800, 9600, 19200 or 38400

Control Capability

- Any combination up to 49 radios and control units on the global bus network

PTT

- Audio path tone keying or control path serial keying

External Key

- Audio path tone keying or control path serial keying

Local Squelch

- Syllabic

Microphone

- A microphone connector is provided.
- Two different input impedances may be selected
 - High Impedance Input: 5 kohm
 - Low Impedance Input: 300 ohm

ENVIRONMENTAL/PHYSICAL

Temperature

- Operation: -5°C to +55°C
- Storage: -40°C to +70°C

Shock/Vibration

- MIL-STD-810E

EMC/EMI

- MIL-STD-461

Size (H x W x D)

- 7 x 19 x 3.86 in (178 x 483 x 98 mm)

Weight

- 7.6 lbs (3.5 kg)

Power Requirements

- Receives power from the host radio when mounted on chassis

OPTIONS

- Power Supply for operation separate from radio: 90-270 VAC, 47-63 Hz, auto-ranging

TMR6490

LOCAL CONTROL UNIT

Part Number 799070-000-004

TMR6491

REMOTE CONTROL UNIT WITH EXTERNAL POWER SUPPLY

Part Number 799072-000-004

- Controls Up to 49 Radios
- Master/Slave Functionality
- 160° Field of View EL Display
- RS-485 Control Up to 1.3 km
- Initiates/Monitors BIT of Controlled Systems
- Local Front-Panel Mount or Remote Mount Options



TMR8090 Transceiver with TMR6490 Local Control Unit



TMR6490 Remote Control Unit with External Power Supply