

MODEL T9032MT

MONITOR/TEST SYSTEM COLLECTOR

The Model T9032MT Monitor/Test System Collector is a unit especially designed with 32 audio inputs for external Monitor/Test points. This device is designed to mount in a 19-inch equipment rack/cabinet, taking up only 1 rack unit (RU) of space or 1.75” of vertical space. All cooling is back to front, so no additional vertical space is required in the rack for cooling. The mainframe has removable rack mounting ears, which may alternately be placed near the bottom of the mainframe for ease in mounting this unit on a wall, such as in a telephone closet, or on the back for rear rail mounting reinforcement.

The collector has connections for up to up to 32 analog audio inputs. It is used to select Monitor/Test points and routes the audio back to a T9032DSP or T9160 where it is measured. The 9032MT collector links to the T9032DSP or T9160 mainframe via Ethernet or (future) CAN bus connection.

The collector is powered in a number of ways such as Power over Ethernet (PoE) from an IEEE 802.3af compatible Ethernet switch, a 48 Vdc local power supply, or (future) power supplied over the CAN bus from another Titan frame.



Figure 1 - IED T9032MT Monitor/Test System Collector
Rear View



SPECIFICATIONS

STANDARDS UTILIZED

1. Full-Duplex Operatons IEEE 802.3x
2. Fast Ethernet, 100Mbps IEEE 802.3u
The 528 Series specifically uses 100Base-TX
3. Data Terminal Equipment Power IEEE 802.3af
via Media Dependent Interface (PoE)

CONNECTORS

1. Audio Inputs 32 plug-in lugless compression-type screw terminal blocks
3-wire type
2. Ethernet Modular 8 (RJ-45)
3. Auxiliary (48V) Power plug-in lugless compression-type screw terminal block
4. CAN bus plug-in lugless compression-type screw terminal block

CONTROLS & INDICATORS

1. Ethernet connection and data LEDs 2

POWER REQUIREMENTS

1. 48 V (PoE or auxiliary connector)
with no sensors connected 10 W

MECHANICAL

1. Size, overall
 - Width (48.3 cm) 19" (with ears)
 - Height (4.4 cm) 1.75"
 - Depth (43.2 cm) 17"
2. Mounting Depth (rack depth) (44.2 cm) 17.4"
For proper fan operation add a minimum of 2" (5.1 cm) clearance
3. Weight (3.2kg) 7 lbs
4. Cooling 1 fan
5. Mounting Ear Location Options 3 (front, rear, bottom)

ENVIRONMENTAL

1. Operating Temperature Range (0 °C - +50 °C) +32 °F - +122 °F
Applicable for typical voice paging and background music applications.
2. Storage Temperature Range (-40 °C - +70 °C) -40 °F - +158 °F

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