

Teltronix TR10 Card Rack User Guide

The Teltronix TR10 is a 1u high 3 slot custom designed rack system for use with the Teltronix TR2 X.21 to G.703 converter. It ideally compliments Central site rack mounted Router installations where up to three 2.048Mbps circuits are required within limited space constraints.

This guide applies to the following units:-

| | |
|-----------|--|
| A-13-02-x | TR10 – Lump in line 230Vac PSU, 3 slot rack system |
| A-13-03-x | TR10 – Integral –48Vdc PSU, 3 slot rack system |

TR10 Rack Chassis:-

Dimensions:- Standard 19" rack, 84HP wide x 1U high x 187mm deep.

AC Power:-

Lump-in-line

I/P Power:- 230Vac, 50Hz, 75mA. (115Vac version available)

O/P Power:- 15 Vac, 1 Amp.

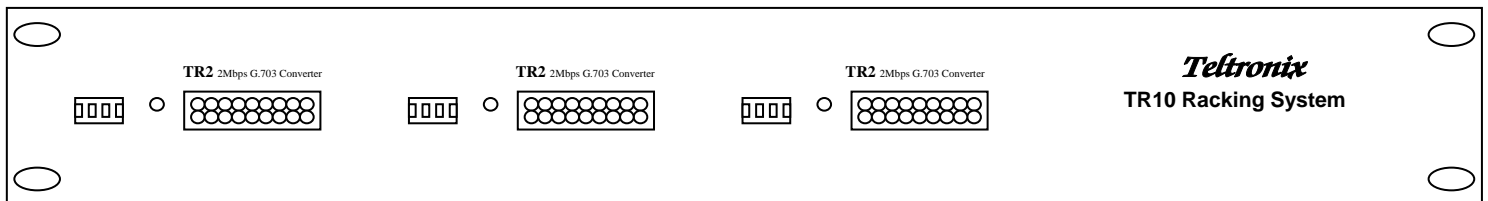
DC Power:-

Integral to Chassis

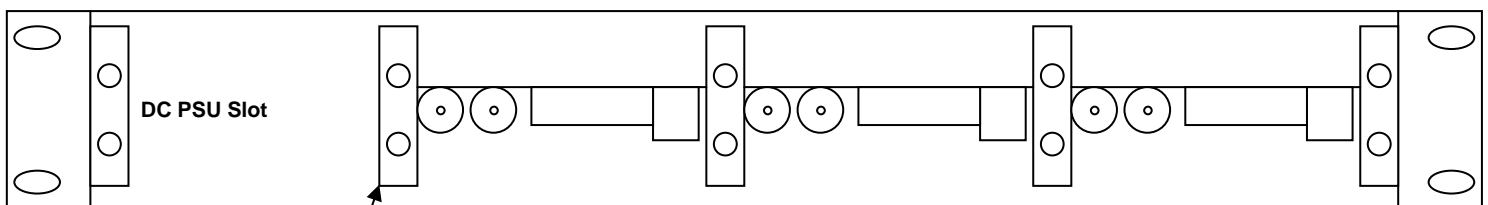
I/P Power:- 36-72Vdc (9-18Vdc version available)

O/P Power:- +/- 12 Vdc, +/-625 mA.

Capacity:- Up to 3 cards per rack, 75 ohm or 120 ohm.



TR10 Front View



TR10 Rear View

Card Retaining Brackets

Card Installation

To install or replace a T2 converter card within the TR10 rack system, firstly remove the appropriate card retaining brackets using a medium sized pozidrive bladed screwdriver, insert the T2 card, and replace the card retaining brackets. Connect the power, X.21 and G.703 cables.

Approvals :-

The Teltronix Ltd Telecommunications rack ac power supply modules are approved to BS EN 60 950:1992/A2:1994, EN 55 014:1993, EN 50 082-1:1992, EN 60 555 Parts 2 & 3.

Safety Notes.

1. When installing this equipment it must be installed near a socket outlet and that outlet shall be easily accessible. See safety note 3.
2. During maintenance work all telecommunication network connections must be disconnected from the rack prior to isolation of the mains supply.
3. To fully isolate this equipment from the mains supply, the mains input plug of the ac power supply unit must be removed from the mains supply socket.

Manufacture.

All Teltronix products are manufactured by us using third party subcontractors who hold BS5750/ISO 9002 approval (plus BABT 340 if required). Detailed quality plans and manufacturing documentation are prepared in conjunction with the chosen subcontractor, who then has the responsibility to implement and maintain this documentation. Sample quality plans can be supplied for your evaluation if required.

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Teltronix Ltd
The Coach House
1 London Road
Chippenham
Wiltshire
SN15 3AH
Tel:- 01249 463388
Fax:- 01249 463399