

Teltronix 16 Card Rack and PSU User Guide

This guide applies to the following units:-

TR16 - Dual redundant PSU, 16 slot rack system

TR16/2 - Single PSU, 8 slot rack system

TR16 Rack :-

Size:- Standard 19" rack, 84HP wide x 6U high x 240mm deep.

Power:- Front loaded twin dual redundant power supplies.
220 and 240 Vac versions available now. Future developments to include a DC powered version.

I/P Power:- 220/240Vac, 100W max. Fused at 1.6A.

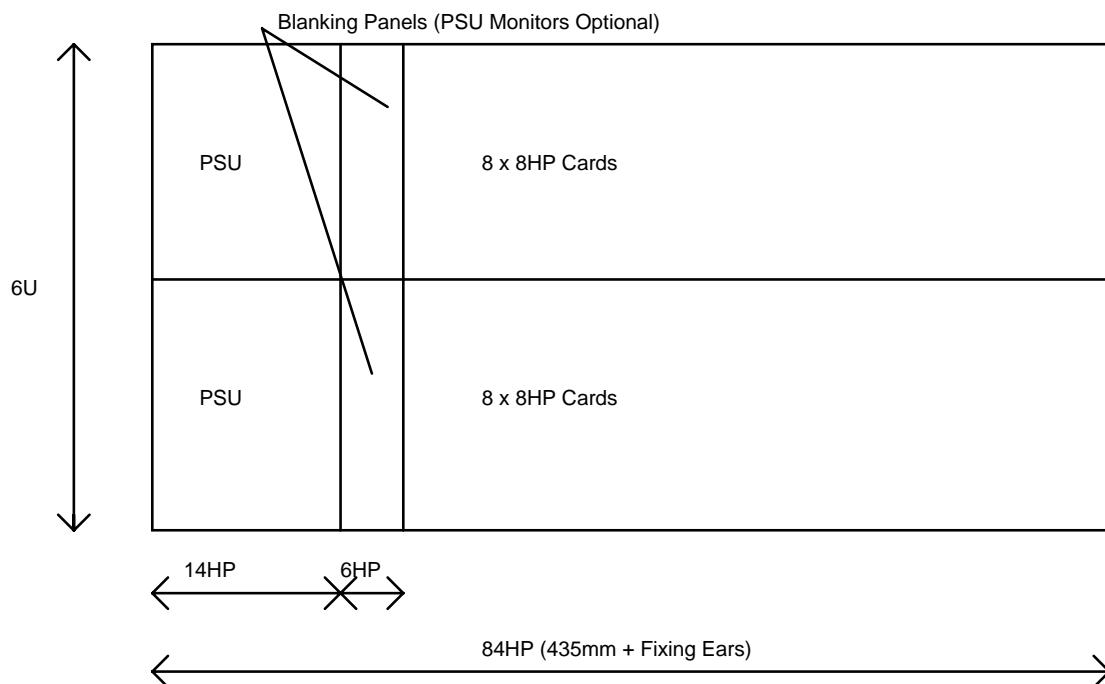
O/P Power:- +/- 15 V unsmoothed/raw dc @ 3.33 Amps, 90W max. Fused at 3.15A.

Capacity:- 16 cards per rack.

Power Inlet:- IEC connector for ac versions.

Indicators:- Mains & DC outputs.

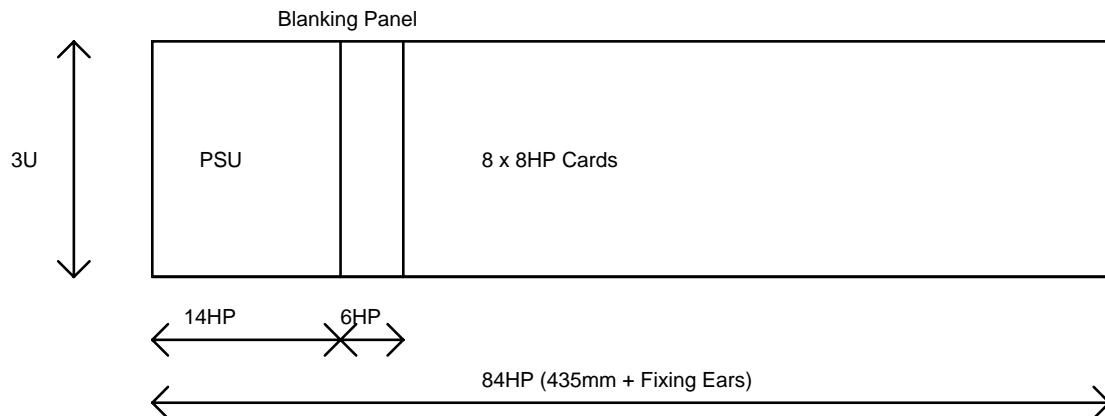
TR16 Rack System



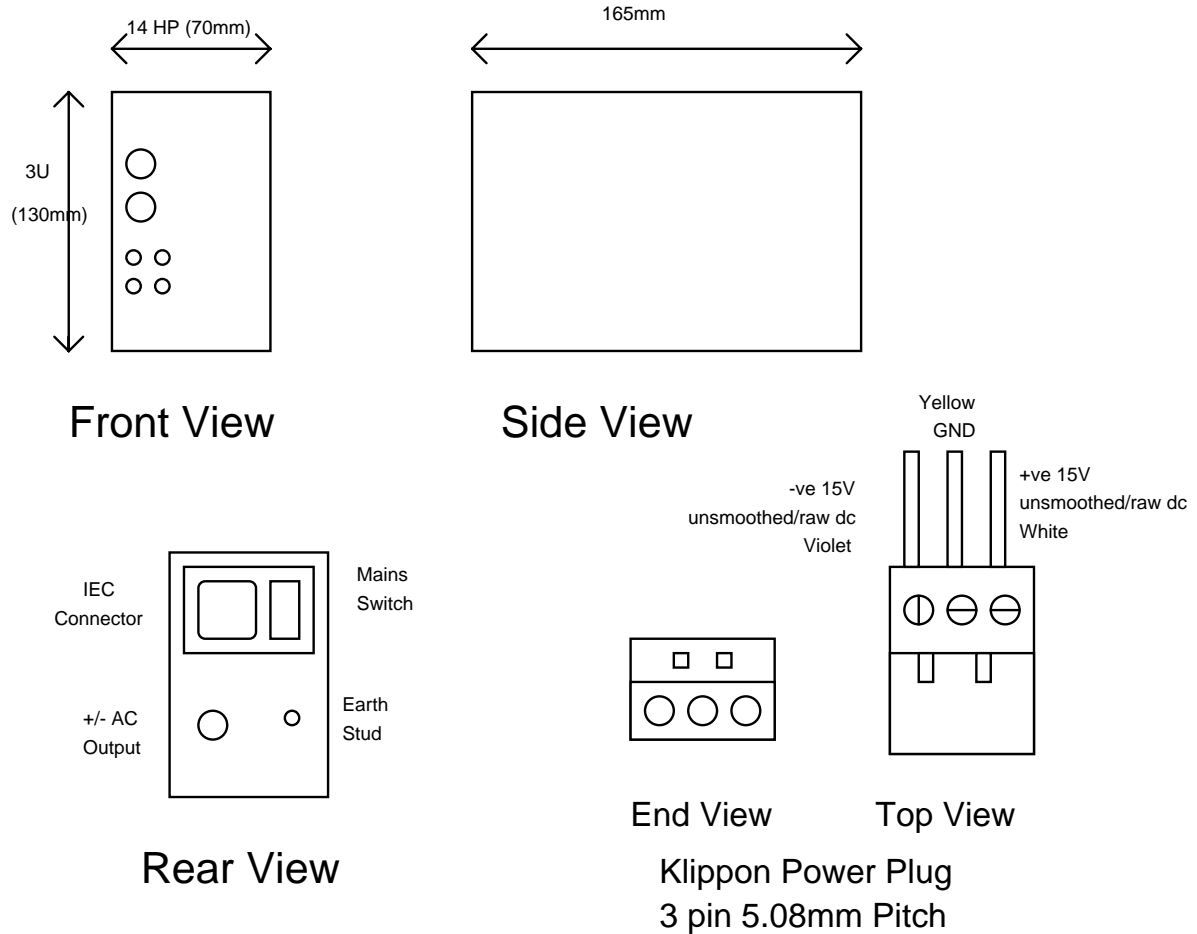
TR16/2 Rack :-

- Size:- Standard 19" rack, 84HP wide x 3U high x 240mm deep.
- Power:- Front loaded power supply (Umbilical power adapter cable available to give dual redundant power supplies when attached to second Teltronix rack.
220 and 240 Vac versions available now. Future developments to include a DC powered version.
- I/P Power:- 220/240Vac, 100W max. Fused at 1.6A.
- O/P Power:- +/- 15 V unsmoothed/raw dc @ 3.33 Amps, 90W max. Fused at 3.15A.
- Capacity:- 8 cards per rack.
- Power Inlet:- IEC connector for ac versions.
- Indicators:- Mains & AC outputs.

TR16/2 Rack System



Power Supply



Voltage +/- 15V is output via violet (-15), yellow (GND) and white (+15) wiring loom to a Klippon 3-pin plug. This is either connected directly to the rack backplane or via the optional PSU Monitor boards to the backplane. The Cards use the same power connector as in the Standalone version.

Approvals :-

The Teltronix Ltd Telecommunications rack models TR16 and TR16/2 rated 230-240Vac are approved to BS EN 60 950:1992/A3:1996.

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 plugs of both power supply units must be removed from the mains supply socket.
4. If a PSU module is removed from the TR16 rack, it must be replaced by a blanking plate to maintain compliance with European safety requirement EN60950.
5. When installing, removing or transporting the TR16 rack ensure that all power supplies are either screwed home, or removed from the rack. This will prevent injury caused by a loose power supply detaching unexpectedly from the rack system.

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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