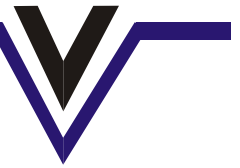


VALIANT COMMUNICATIONS LIMITED



T1 - 100 Ohms Patch Panel with Hi-Z Monitoring Port

Product Brochure & Data Sheet

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T1, 100 Ohms, 16 Port High Impedance Monitoring Patch Panel (100 Ohms Version)

T1, 100 Ohms, 16 Port High Impedance Monitoring Patch Panel - What is it used for?

The T1, 100 Ohms, 16 Port High Impedance Monitoring Patch Panel is primarily designed for applications where T1 circuits are required to be “patched” as well as simultaneously “tapped” for non-intrusive monitoring applications.

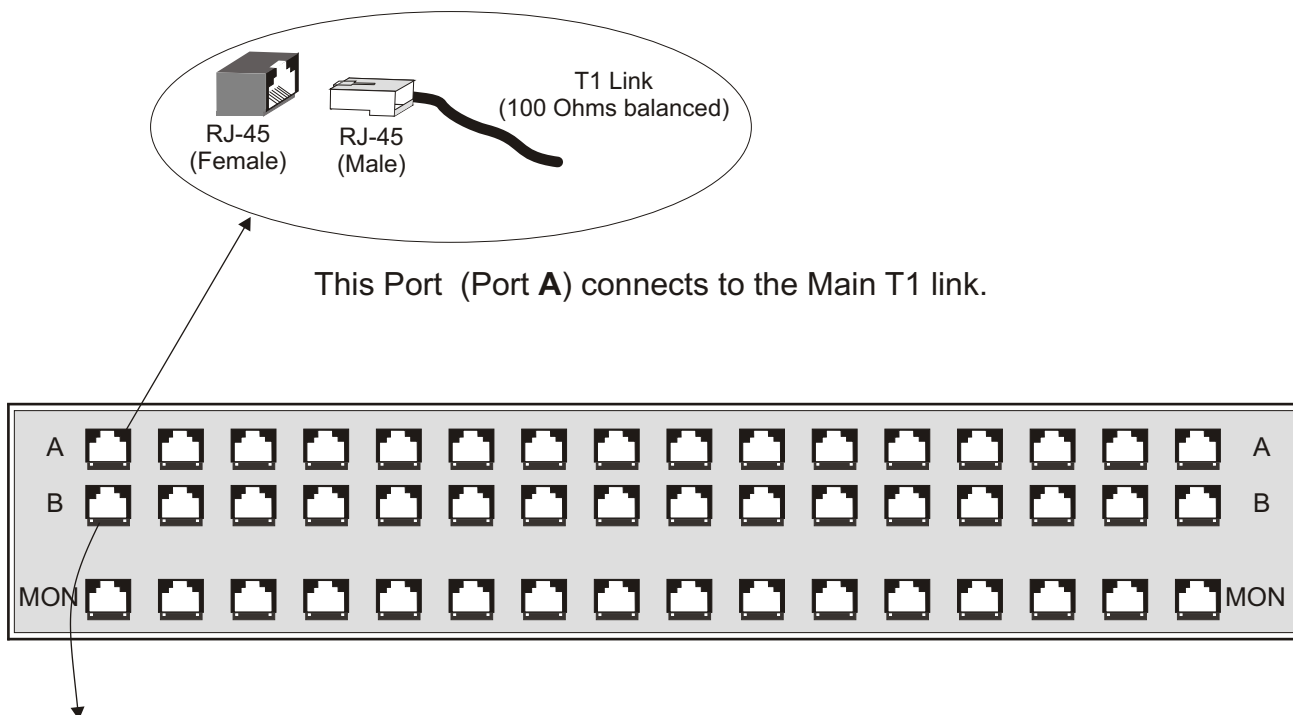
Application - Where is it used?

The T1, 100 Ohms, 16 Port High Impedance Monitoring Patch Panel is primarily designed to patch up to 16, T1 circuits. It also, simultaneously, provides up to 16 high-impedance (Hi-Z) outputs on its monitoring (MON) port(s) from which, both the transmit (Tx) and the receive (Rx) signals of the patched T1 link can be “tapped non-intrusively” (i.e without disturbing or loading the active T1 link(s) in any manner, and connected to T1 Groomers, Probes or Analysers.

T1 - 100 Ohms Patch Panel with Monitoring Port

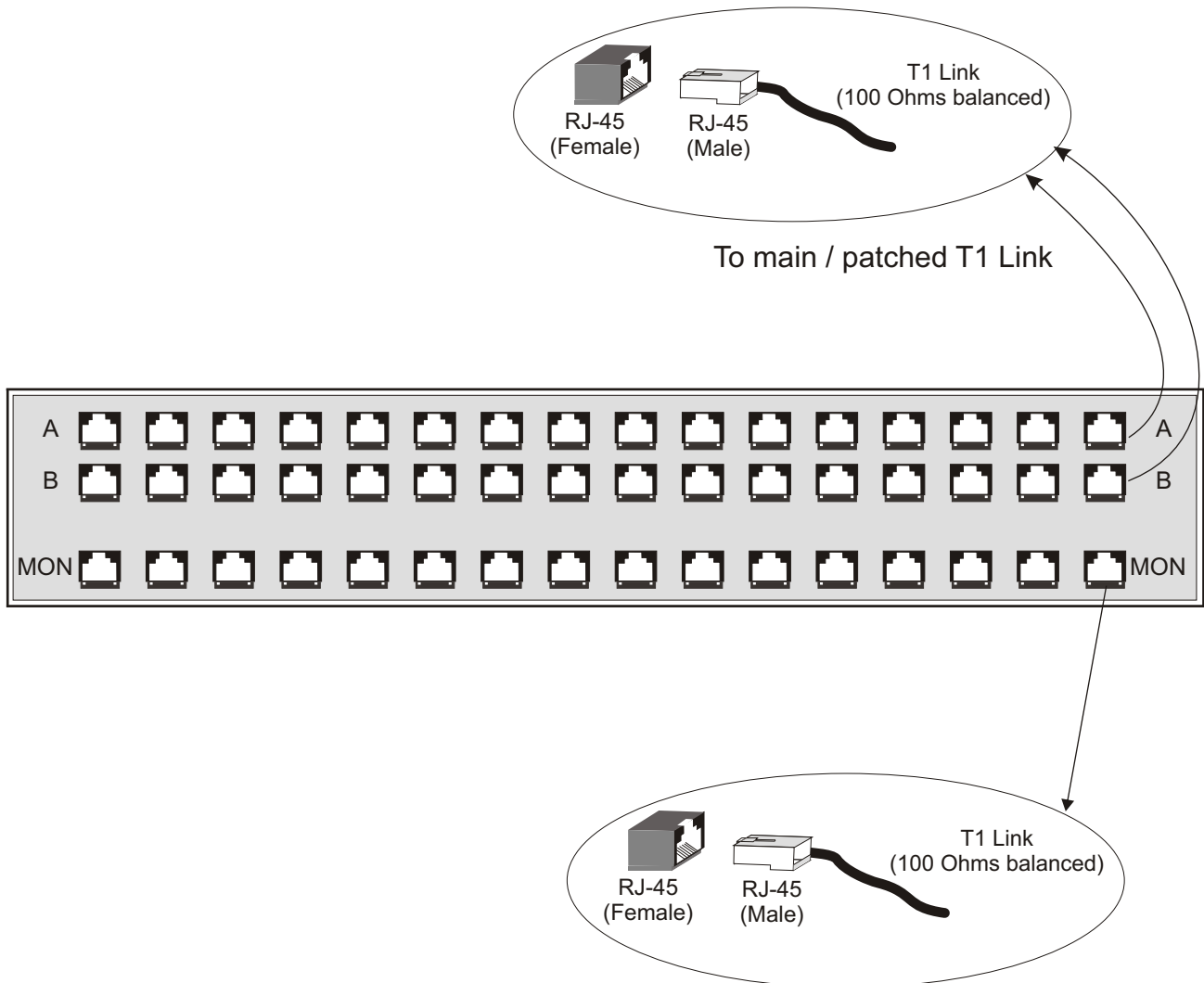
T1 - 100 Ohms Patch-Panel is used for T1 Patching and Monitoring Application.

Connecting and patching T1 links through the Patch Panel to live T1 traffic:



This Port (Port B) connects to the Main T1 link. RJ-45 connectors in rows A and B are used for patching the (Data IN / Data OUT) T1 links.

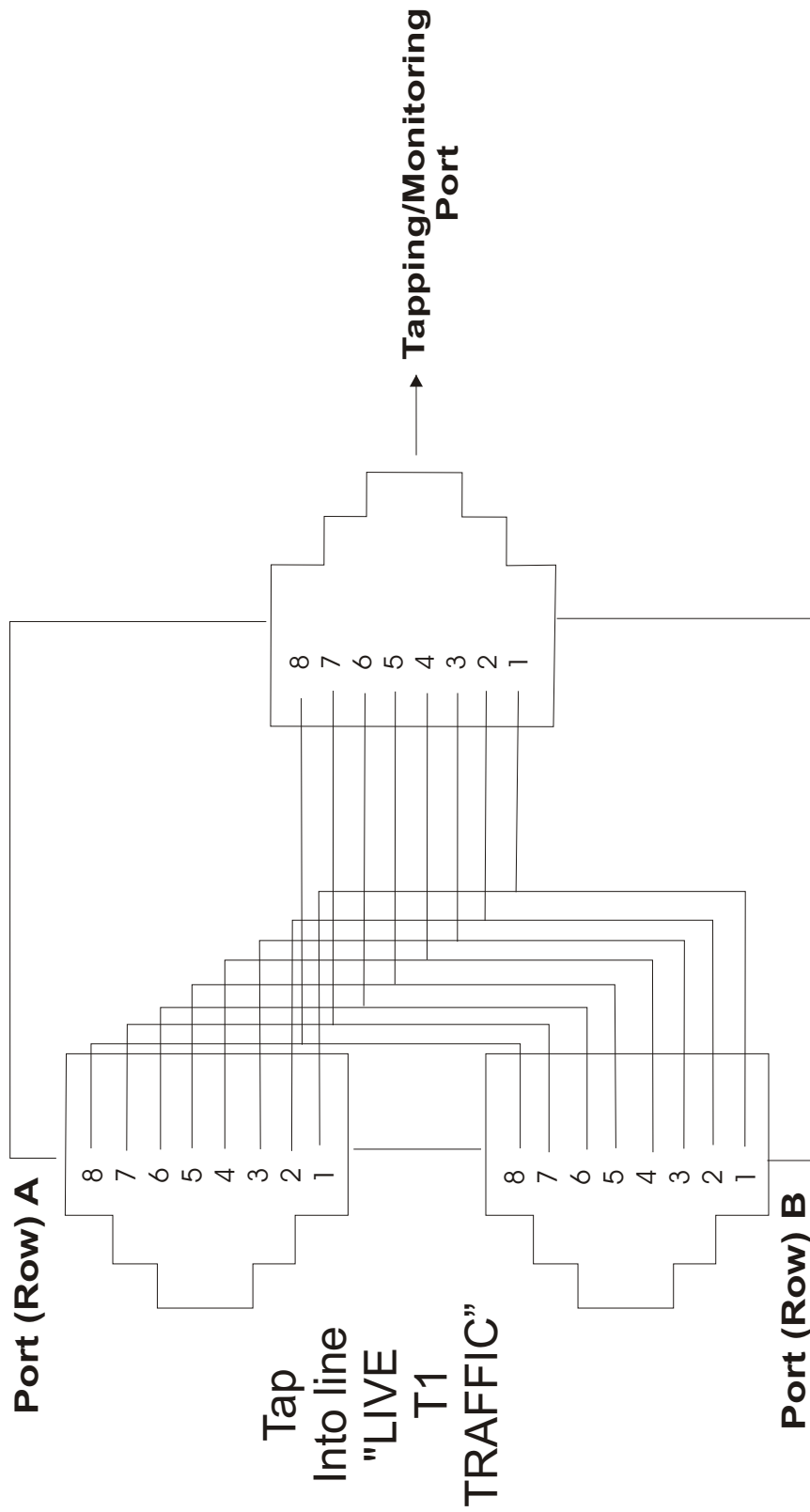
Connecting the “Monitoring” (high impedance) T1 Port on the T1 (100 Ohms) Monitoring Patch Panel to the T1 Groomer, Probe or Analyser



Monitored T1 Output - high impedance (monitored) signal to the T1 Groomer / Probe.

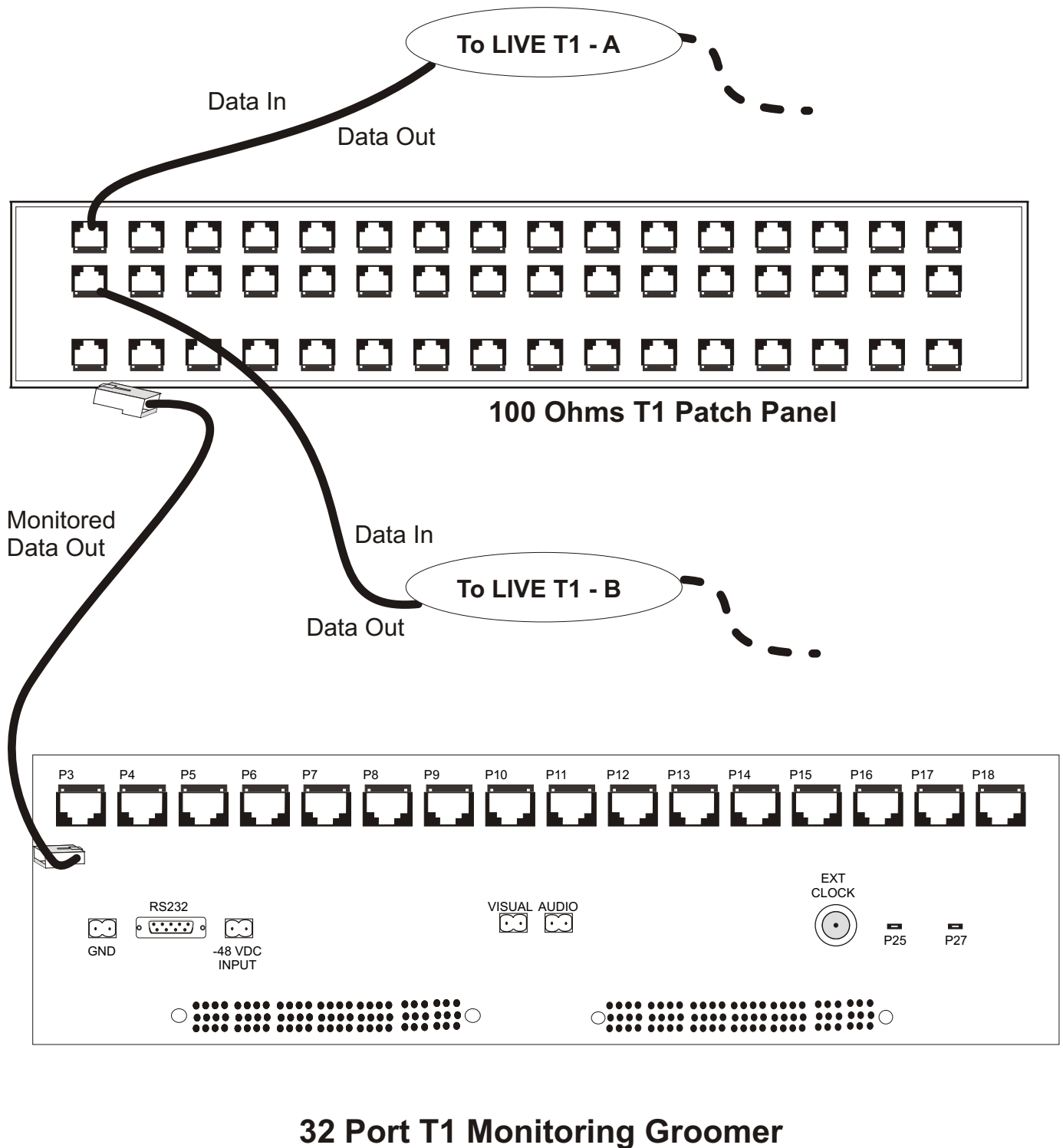
The MON Port (RJ-45 Connectors in the Row marked **MON**) provides the high impedance monitored mirror image of the Main T1 link patched between the RJ-45 connectors on Row A and Row B.

T1 Tapping through Monitoring (MON) Port



The Hi-Z output (432 Ohms) resistive output is provided on the Monitoring (MON) Port of the Patch Panel for connecting to the Groomer / Probe / Analyser.

Typical connections for connecting the Monitoring (MON) to the T1 Groomer



Mechanical Specification

Rack Mounting	Standard 19 Inch. DIN Rack
Height	90 mm.
Width	45 mm.
Length	485 mm. (with mounting brackets)
Weight	1.4 kg.

Ordering Information

16 x T1 - 100 Ohms Patch Panel			
S. No.	Part #	Product Description	Qty
1.	VCL-1240-MON-100-Ohms	16 x T1 - 100 Ohms Patch Panel - used for T1 Patching and Monitoring Applications.	1

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