

DATA-TRONIX®

DT-CATPP648 Patch Panel
for CAT6 and CAT5E cable



Thank you for purchasing this professional network patch panel. This product is designed for years of reliable service when all instructions and guidelines are followed. Please read this document before beginning installation, to ensure a successful installation.

Unpacking and Installation

Please check the package carefully to ensure that you have removed all items and accessories. Check the contents against the checklist below to ensure the product is complete.

Package Contents

1 x 48 point 2RU patch panel

2 x Cable ingress / egress supports

4 x 10-32 rack installation screws

48 x plastic connection covers

48 x plastic zip ties for cables

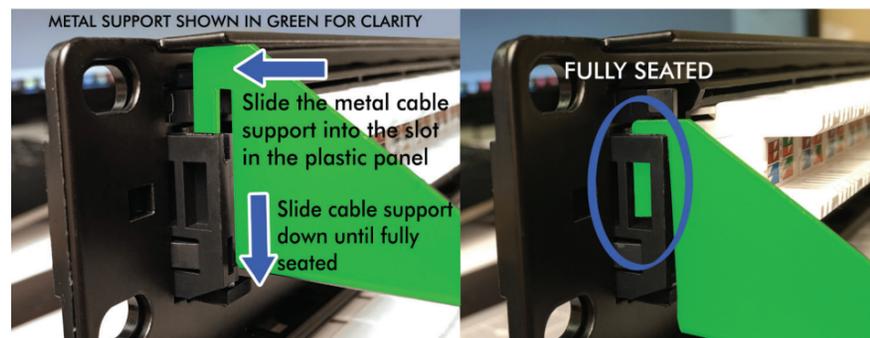


Remove all items from the packaging and set accessories aside. Remove the patch panel from its bubble wrap bag and place it face-down on top of the flattened bag on a table top (with color coded connectors facing up).

** If any items are missing, please contact DataTronix at (610) 429-1921 or email support@datatronix.biz*

Cable Support Installation

Align a cable support's tabs with the mating slots on the rear of the patch panel. Push the support in towards the patch panel, then downward to lock it in, as shown in the illustration at right. Repeat for both sides of both supports.



Both Supports Installed



Wiring the Rear Panel

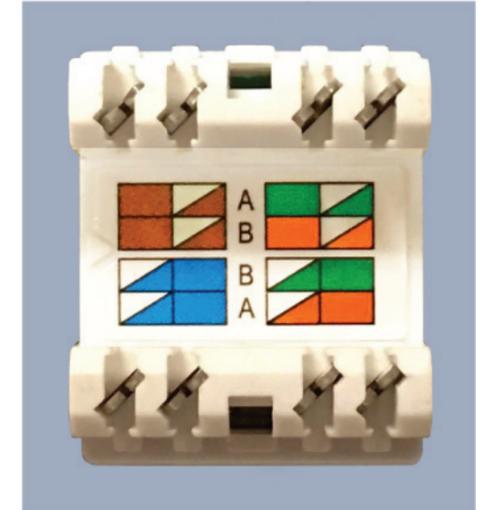
The rear panel of the DT-CATPP648 has 48 identical connection blocks, arranged in 6 groups of 8 blocks.



An individual block is shown at right.

Each block can be wired freely. The center of each block is color-coded to indicate TIA-568-A or TIA-568-B standards.

Starting from one end and working toward the center, strip each cable's jacket back 1.5" (38mm) and feed the cable through a loosely fitted zip-tie on the cable support bar. Pass the 8 individual wires over the 4 upper and 4 lower terminals, according to the "A" or "B" requirement for the port and punch each wire down securely into place with a punch block tool. Although the punch terminals are at an angle, be careful to hold the punch tool perpendicular to the punch block to ensure a solid connection.



When all 8 wires of the cable have been securely punched down into the block, push slightly inward on the cable where it goes through the zip tie to produce a small amount of slack and tighten the zip tie to hold the cable firmly in place.



Locate a clear plastic connection cover in the 2 accessory bags and snap it over the block, being careful to feed the cable through the opening in the center of the cap. Push down firmly to ensure the cap is engaged.

Repeat these steps as necessary to complete wiring all 48 blocks, or as many as are needed.

Labeling the Front Panel

The front ports of the patch panel can be labeled, if desired. Insert a small object such as a paperclip, toothpick or pin into the small hole in the clear label cover (in red circle at right). Push to the right in the hole, and the clear cover will bend upward, to be removed. After marking or replacing the paper label, hook the right-side tab of the cover back into the right side of the slot, bend the center upwards and hook the left side (with the hole) back into its slot on the left.



DATATRONIX 1-Year Limited Warranty

DATATRONIX. (the "Company") warrants to the Original Purchaser that the item purchased is free from defects in workmanship or material under normal use. This warranty starts on the date of shipment of the hardware to the Original Purchaser. During the warranty period, the Company agrees to repair or replace, at its sole option, without charge to Original Purchaser, any defective component. To obtain service, the Original Purchaser must return the item to the Company properly packaged for shipping. All defective products must be returned to the Company within thirty (30) days of failure. Products must be returned with a description of the failure and Return Merchandise Authorization (RMA) number supplied by the Company. To receive a RMA number and a return shipping address on where to deliver the hardware, call 610-429-1821. The shipping, and insurance charges incurred in shipping to the Company will be paid by Original Purchaser, and all risk for the hardware shall remain with the Original Purchaser until such time as Company takes receipt of the hardware. Upon receipt, the Company will promptly repair or replace the defective unit, and then return said unit to Original Purchaser, shipping prepaid. The Company may use reconditioned or like-new parts or units, at its sole option, when repairing any hardware. Repaired products shall carry the same amount of outstanding warranty as from original purchase. Any claim under the warranty must include dated proof of purchase or invoice. In any event, the Company's liability for defective hardware is limited to repairing or replacing the hardware.

This warranty is contingent upon proper use of the hardware by Original Purchaser and does not cover: if damage is due to Acts of God (including fire, flood, earthquake, storm, hurricane or other natural disaster), accident, unusual physical, electrical, or electromechanical stress, modifications, neglect; misuse, operation with media not approved by the Company, tampering with or altering of the hardware, war, invasion, act of foreign enemies, hostilities (regardless of whether war is declared), civil war, rebellion, revolution, insurrection, military or usurped power or confiscation, terrorist activities, nationalization, government sanction, blockage, embargo, labor dispute, strike, lockout or interruption. The warranties given herein, together with any implied warranties covering the hardware, including any warranties of merchantability or fitness for a particular purpose, are limited in duration to two years from the date of shipment to the Original Purchaser. Jurisdictions vary with regard to the enforceability of warranty limitations, and you should check the laws of your local jurisdiction to find out whether the above limitation applies to you. The Company shall not be liable to your for loss of data, loss of profits, lost savings, special, incidental, consequential, indirect, or other similar damages arising from breach of warranty, breach of contract, negligence, or other legal action even if the Company or its agent has been advised of the possibility of such damages, or for any claim brought against your by another party. Jurisdictions vary with regard to the enforceability of provisions excluding or limiting liability for incidental or consequential damages. You should check the laws of your local jurisdiction to find out whether the above exclusion applies to you.

This warranty allocates risks of product failure between Original Purchaser and the Company. The Company's hardware pricing reflects this allocation of risk and the limitations of liability contained in this warranty. The warranty set forth above is in lieu of all other express warranties, whether oral or written. The agents, employees, distributors, and dealers of the Company are not authorized to make modification to this warranty, or additional warranties binding on the Company. Accordingly, additional statements such as dealer advertising or presentations, whether oral or written, do not constitute warranties by the Company and should not be relied upon. This warranty gives you specific legal rights. You may also have other rights which vary from one jurisdiction to another.

LEGAL NOTICES

FCC STATEMENT PART 15

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and affected receiver.
- Plug the switch into an outlet on a circuit different from where the switch is currently connected.
- Consult an experienced technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: 1)This device may not cause harmful interference. 2)This device must accept any interference received, including interference that may cause undesired operation.

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DATATRONIX is a proud member of the NACE Brands family of technical solutions manufacturers.



www.nacebrands.com



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