

## About PowerTray 18-Slot

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**PowerTray 18-Slot** is a modular enclosure for installing up to 18 Black Box *Miniature Media Converters*. *PowerTray 18-Slot* features an internal 100-240 VAC (LHC018A-AC) or -48 VDC (LHC018A-DC) power supply.

## Installing PowerTray/18-Slot and Converters

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*PowerTray 18-Slot* mounts into an equipment rack. Black Box recommends turning OFF the power to the chassis before proceeding. Decide where to install the *PowerTray 18-Slot* in the rack, then secure the rackmount ears to the rack.

To install a *Miniature Media Converter*, make sure the data connectors are facing you and the DC power connector on the back of the *Miniature Media Converter* aligns with the connector on the backplane of the *PowerTray 18-Slot*. Slide the *Miniature Media Converter* into the *PowerTray/18-Slot*, using the guides, until the *Miniature Media Converter* is firmly seated in the backplane. Attach the network cables between the *Miniature Media Converter* and other devices that will be interconnected. Plug the chassis into a power source and turn the chassis power switch to ON.

Refer to the installation guide shipped with the *Miniature Media Converter* for information on its operation.

## Specifications

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### Environmental:

Operating Temperature: 32° - 104° F (0° - 40° C)

Storage Temperature: 20° - 160° F (-20° - 70° C)

Humidity: 5 - 95% (non-condensing)

### Electrical:

AC Input Load: 100-240 VAC  $\pm$ 10%, 1.5A max.

DC Input Load: -48 VDC  $\pm$ 10%, TBA max.

### Heat Generation:

TBA BTU/hr. maximum

### Dimensions:

2.30"H x 16.97"L x 9.03"D (5.84cm H x 43.10cm L x 22.9362 cm D)

# General Information

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## BLACK BOX CONTACT INFORMATION

### Order toll-free in the U.S.:

Call 877-877-BBOX (outside U.S. call 724-746-5500)

**FREE technical support**, 24 hours a day, 7 days a week:

Call 724-746-5500 or fax 724-746-0746

**Mail order:** Black Box Corporation, 1000 Park Drive, Lawrence, PA 15055-1018

**Web site:** [www.blackbox.com](http://www.blackbox.com)

**E-mail:** [info@blackbox.com](mailto:info@blackbox.com)

## WARRANTY INFORMATION

Contact Black Box for warranty information.

## ELECTROSTATIC DISCHARGE PRECAUTIONS

Electrostatic discharge (ESD) can cause damage to your add-in modules. Always observe the following precautions when installing or handling an add-in module or any board assembly.

- 1) Do not remove unit from its protective packaging until you're ready to install it.
- 2) Wear an ESD wrist grounding strap before handling any module or component. If you do not have a wrist strap, maintain grounded contact with the system unit throughout any procedure requiring ESD protection.



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**WARNING!** Integrated circuits and fiber optic components are extremely susceptible to electrostatic discharge damage. Do not handle these components directly unless you are a qualified service technician and use tools and techniques that conform to accepted industry practices.

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- 3) Hold boards by the edges only; do not touch the electronic components or gold connectors.
- 4) After removal, always place the boards on a grounded, static free surface, ESD pad or in a proper ESD bag. Do not slide the board over any surface.

## SAFETY CERTIFICATIONS

**UL:** Listed to UL1950 and CSA 22.2, No. 950, Safety of Information Technology Equipment, Including Electrical Business Equipment.

**CE:** The products described herein comply with the Council Directive on Electromagnetic Compatibility (89/336/EEC) and the Council Directive on Electrical Equipment Designed for use within Certain Voltage Limits (73/23/EEC). Certified to EN 60950, Safety of Information Technology Equipment, Including Electrical Business Equipment.

For further details, contact Black Box.



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