



Making SCSI Work™

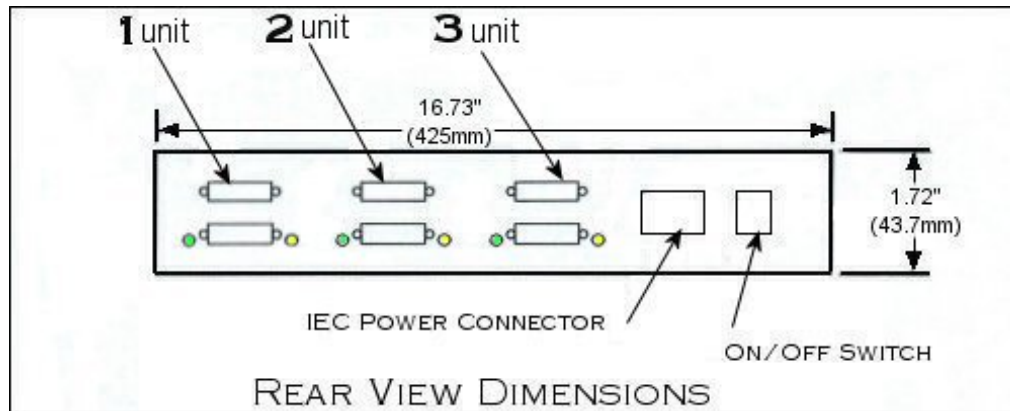
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### SCSI Expander Box - MODEL EB1

The Paralan Model EB1 Expander Box is a 1U (1.75 inch) tall enclosure that may be used as a desktop housing for Paralan's family of SCSI Bus Expanders or may be mounted in a 19 inch rack with the optional rack mount adapters.



The Model EB1 includes positions for mounting and powering up to three SCSI expanders, which may all be the same or may have a different type of expander in each position. All I/O connectors and the connector for the power cord are on one side of the box. Each expander has a "Power" and an "Activity" LED. All expanders are powered by one internal auto-ranging line voltage operated power supply. The power supply has an IEC line voltage power connector and includes an on-off switch.



[PDF version](#) of this data sheet.

SPECIFICATIONS:

**Available Expanders:**

For complete information on these expanders, see the appropriate Web page (click on link below). Other Paralan expanders are available on special order. See diagram for [\(rear view\) connector location](#).

- [MH33A Wide LVD/MSE to HVD Converter](#)
- [MS17 Wide LVD/MSE to SE Converter](#)
- [MM17 Wide LVD/MSE to LVD/MSE Expander](#)

Other Paralan expanders are available on special order:

- [SIR-D17C Wide HVD to HVD Regenerator™](#)
- [SD11D Narrow SE to HVD Converter](#)

**Environmental:**

The Paralan SCSI Expander Box is designed to operate in an office environment with limited capacity for heating and air conditioning. The environmental limits are:

**Temperature Range:**

Operating: 0 to +50 C (32 to 122°F)  
Storage: -25 to +75C (-13 to 167°F)

**Humidity Range:**

Operating: 5 to 90% RH  
Storage: 5 to 95% non-condensing

**Construction:**

All Metal

**SCSI Connectors:**

Wide: 68-pin High-Density female Alt 3, "P" Connector  
Narrow: 50-pin High-Density female Alt 1, "A" Connector

**Power:**

Maximum Power Requirements: 40 Watts  
Line Voltage: 90 to 264 VAC, 47/63 Hz Auto-Ranging

**Safety:**

UL, CE, CSA

**EMI/RFI:**

FCC Class B, CE

**Dimensions:**

16.73 x 10.0 x 1.72 (425 x 254 x 43.7 mm)  
Vertical Rack Space 1U (1.75 inches, 44.5 mm)  
[Rear Panel PDF Drawing with Full Dimensions](#)

**Weight:**

11 lbs (5 kg)  
18 lbs (8.2 kg) shipping

ORDERING GUIDE FOR EXPANDER BOX:

Make a selection from each column

SCSI Expander Box for Tabletop or Rack			
Model No. :	EB1 - XXX - T or R		
MH33A Wide LVD/MSE to HVD Converter	A	A	A
MS17 Wide LVD/MSE to SE Converter	B	B	B
MM17 Wide LVD/MSE to LVD/MSE Expander	C	C	C
No SCSI Expander Installed in this Position	0	0	0
Tabletop Enclosure with Rubber Feet _____			T
Adapters for Rack Mounting the Enclosure - 1 Pair _____			R

On special orders other Paralan Expanders may be installed.

#### Example 1:

Rackmount Enclosure with MH33A Wide LVD/MSE to HVD Converter in all three positions  
Model No. EB1-AAA-R

#### Example 2:

Tabletop Enclosure with MH33A Wide LVD/MSE to HVD Converter in position 1, no expander in position 2, and MM17 Wide LVD/MSE to LVD/MSE Expander in position 3  
Model No. EB1-A0C-T

#### Notes:

1. The EB1 comes assembled and wired with the selected boards installed.
2. A six foot North American grounded cordset (NEMA 5-15) is included in shipments to destinations in North America and Japan. Other destinations receive no cordset.

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