



Making SCSI Work™

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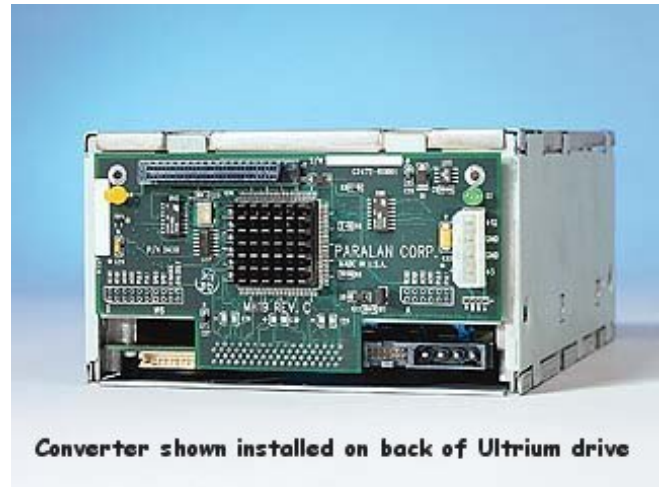
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## LVD to HVD SCSI Converter - Convert HP Ultrium LVD Drive to HVD

- Convert LVD Interface on Ultrium Tape Drive to HVD
- Does not consume a SCSI ID
- Requires *only* 5 VDC Power



Click on photo for enlargement.  
For complete dimensions [see outline drawing](#).



Converter shown installed on back of Ultrium drive

## Hewlett-Packard - LVD to HVD SCSI Converter - HP Partner

- [Installation Instructions](#)

## Convert HP Ultrium Tape Drive to HVD

Paralan's Model MH19 LVD to HVD Converter lets you add the Hewlett Packard Ultrium Drive to an existing High Voltage Differential (HVD) SCSI bus. This is accomplished without any impact on SCSI protocol or loss of HVD data thrupt.

## Mixing SCSI Device Types

LVD cannot directly communicate with HVD SCSI. A 80 Model MH19 Converter enables this type of communication by converting the LVD SCSI to HVD. The presence of a SCSI Converter will not decrease HVD data thrupt.

Paralan SCSI Converters and SCSI Expanders are completely compatible with devices that conform to the ANSI X3T10 standard.

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

## SPECIFICATIONS For LVD to HVD SCSI Converter:

<p><b>Environmental</b></p> <ul style="list-style-type: none"><li>• Relative Humidity: 0 - 95% non-condensing</li><li>• Operating Temperature: 0 - 50°C</li><li>• Storage Temperature: -25 to +75°C</li></ul> <p><b>Power Requirements</b></p> <ul style="list-style-type: none"><li>• Voltage: 5 V dc <math>\pm</math>5%</li><li>• Current: Typical: 0.75 A Max: 0.8 A Note: If the Converter must power external HVD terminators, add up to 1 A additional</li></ul>	<p><b>Safety Approvals</b></p> <ul style="list-style-type: none"><li>• UL, CSA, TUV, CE</li></ul> <p><b>EMI/RFI</b></p> <ul style="list-style-type: none"><li>• FCC Class A, CE</li></ul> <p><b>Termination</b></p> <ul style="list-style-type: none"><li>• LVD: Multimode Terminator</li><li>• HVD: No Terminator</li></ul> <p><b>Communication</b></p> <ul style="list-style-type: none"><li>• Parallel Transmission Rate (sustained): 40 MBytes/sec (16-bit)</li></ul>	<p><b>Warranty</b></p> <ul style="list-style-type: none"><li>• Two year limited warranty</li></ul> <p><b>Weight</b></p> <ul style="list-style-type: none"><li>• 2.5 oz (71 g)</li><li>• Shipping weight, approx. 1 lb (0.5 kg)</li></ul> <p><b>Physical Size</b></p> <ul style="list-style-type: none"><li>• Height: 2.7 in. (69 mm)</li><li>• Width: 5.3 in. (134 mm)</li></ul>
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