




## MH19 Converts HP Ultrium LVD Drive to HVD

### **SERIES 80 Model MH19**

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



Converter shown installed on back of Ultrium drive

## Convert HP Ultrium Tape Drive to HVD



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

Hewlett-Packard  
LVD to HVD SCSI Converter

HP Partner

[Installation Instructions](#)

Paralan's Series 80 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 Series 80 Model MH19 Converter enables this type of communication by converting the LVD SCSI to HVD. The presence of a Series 80 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.

For a printable version of this information, please see the [PDF of this data sheet](#).

## SPECIFICATIONS: 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 ±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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Paralan Corporation  
4655 Ruffner Street  
San Diego, CA 92111  
Tel.: (858) 560-7266  
Fax: (858) 560-8929  
E-mail: [scsi@paralan.com](mailto:scsi@paralan.com)

Paralan GmbH  
Technik InnovationsPark, Postfach 10-31  
D-85501 Ottobrunn, Germany  
Tel.: +49-89 607-30875  
Fax: +49-89 607-32041  
E-mail: [scsi@paralan.de](mailto:scsi@paralan.de)