



# Dual Long Haul Converter

Technical Specifications

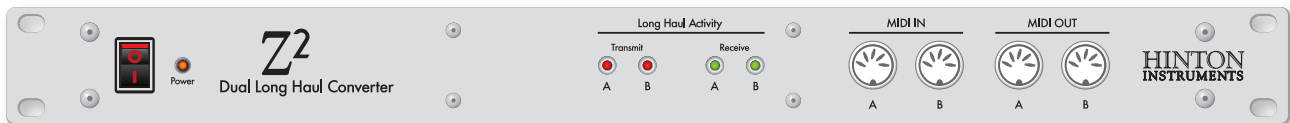
## CASE

1U 19" rack mounting brushed stainless steel chassis (W: 482 X H: 44 x D: 270 mm).  
3 mm brushed stainless steel front panel.

## POWER

85V-250V mains, 50/60Hz. 4W max.

## FRONT PANEL



### MIDI Connections:

DIN 41524 circular metal locking type: In A, In B, Out A, Out B

## REAR PANEL



### MIDI Connections:

DIN 41524 circular metal locking type; In A (paralleled with front panel), In B (paralleled with front panel), Out A, Out B

### Long Haul Connections:

Two XLR3M (outputs) and two XLR3F (inputs); In A, In B, Out A, Out B

### Mains:

IEC filtered inlet; 20 mm fuse holder

### Earth:

M5 Bolt

## ELECTRICAL

### Long Haul Cable Type:

Audio grade screened twisted pair, 80-90 ohms/km.

### Maximum Length:

>1000 metres, tested to 100 ohms per conductor.

### Output Signal:

0 to +5V max. complimentary @ 31.25kHz.

### Delay:

0.5 microseconds @ 100 metres.

11.0 microseconds @ 1000 metres.

### Pulse Width Distortion:

< 1.0%

**HINTON**  
INSTRUMENTS

Professional MIDI Management Systems

Oldford, Frome, Somerset. BA11 2NN. England • (01373) 451927 • Int: +44 1373 451927 • <http://www.hinton-instruments.co.uk>

© 1992-2008 Hinton Instruments. Z1, Z2, Z4, MIDI Long Haul Converter, and the Hinton Instruments logo are trademarks or registered trademarks of Hinton Instruments.

This specification and the information presented in this document may change without notice in the interests of continuing product improvement. While every effort is made to make this document accurate, Hinton Instruments cannot accept any responsibility for the interpretation of the information provided or any liability for any injury, loss, or damage, direct or consequential, caused by application or inability to use the equipment or information provided.