

## LEGEND

## L6

500 Series Portable Chassis for 6 Modules with Advanced Audio Routing and Rackmount Kit



- 500 series portable chassis for 6 single-width modules
- Advanced audio routing reduces cabling complexity
- Audio output link switches provide cable-free daisy-chain connections between modules
- Compressor bus link switches enable stereo and multi-channel dynamics sidechain linking
- Rugged free-standing chassis with convenient carrying handle for portable applications
- 3U 19" rackmount kit allows installation in recording studios and live touring racks (included)
- Earth lift switch eliminates any ground loop problems
- High power auto-ranging universal switch-mode power supply for use worldwide
- Over-specified ultra-low noise power supply output provides 3.2 A @ ±16 V and 300 mA @ +48 V
- Main and auxiliary inputs and outputs per channel on Neutrik\* XLR connectors
- Premium quality components throughout for crystal-clear audiophile signal path
- 10-Year Warranty Program\*
- Designed and engineered in the U.K.

The LEGEND L6 500 Series Portable Chassis lets you mix and match a wide range of audio processing modules to build the ideal signal chain for any application. With space for up to 6 single-width modules, advanced audio routing for simplified cabling, and a robust auto-ranging universal switch-mode power supply, you can take your favourite modules anywhere in the world with complete confidence. The included rackmount kit allows the L6 to be installed in standard 19" studio and touring racks. Designed to accommodate all 500 series-compatible modules and plug-in cards, the L6 is the perfect companion for your **MICROPHONE PREAMPLIFIER 502**, **COMPRESSOR LIMITER 522**, **PARAMETRIC EQUALISER 512**, and the many other modules currently under development – as well as those from 3rd party vendors.



### 6 Modules – Just 3U

The L6 chassis provides I/O connectivity and +48 V phantom power for up to 6 processing modules in a rugged steel cabinet that occupies only three 19" rackspaces (when fitted with the included rackmount kit).



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### Advanced Audio Routing

Whether you are in the studio or on the road, signal chain cabling no longer need be an issue. L6's audio output link switches make it easy to rearrange and connect your modules without the need for complex cabling. Just install your modules in the order you wish and pass the signal along the chain free of any extraneous cables. This not only makes your rack much neater, it also helps you maintain the ultimate in signal integrity.



### Compressor Bus Link

If your compressor modules are designed for it, our Comp Bus Link switches enable you to link them together for stereo or multi-channel dynamics sidechain linking without the need for insert cables.

### Roadworthy Build Quality

L6's rugged all steel chassis is over-engineered to withstand the rigours of constant touring and provide the utmost protection for your valuable processing gear. A convenient carry handle is provided for easy transport should your application call for a portable free-standing solution.



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### Rackmount Kit Included

Rack ears and all the necessary hardware are included for securely installing your LEGEND L6 in standard 19" recording studio and live touring racks.

### Hum-Free Performance

Thanks to the onboard ground lift switch, you can easily lift the audio ground and eliminate annoying ground loop issues that might otherwise spoil a perfect performance.



### Ready for the World

You need reliable power for spectacular audio; that's why the L6 utilises a state-of-the-industry universal auto-ranging switch-mode power supply that works anywhere in the world. And the L6's ultra low-noise power supply boasts an impressive 3.2 A @  $\pm 16$  V for your modules and 300 mA @ +48 V phantom power, so you can use a wide variety of microphones – even your favourite ribbon mic.

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### Premium Quality

Because maintaining a crystal-clear, audiophile-grade signal path is all that matters, the L6 uses only the highest quality components throughout including the Neutrik\* XLR main and auxiliary input and output connectors provided per channel..



### Audio Perfection

Whether your mission is the tracking or mastering of recording projects, or getting the perfect instrument or vocal sound in the concert hall, the LEGEND L6 puts your favourite processing gear right at your fingertips.

See your MIDAS dealer today or get your L6 online, and step up to the professional quality your craft deserves.

### You Are Covered

We always strive to provide the best possible Customer Experience. Our products are made in our own MUSIC Tribe factory using state-of-the-art automation, enhanced production workflows and quality assurance labs with the most sophisticated test equipment available in the world. As a result, we have one of the lowest product failure rates in the industry, and we confidently back it up with a generous Warranty program.

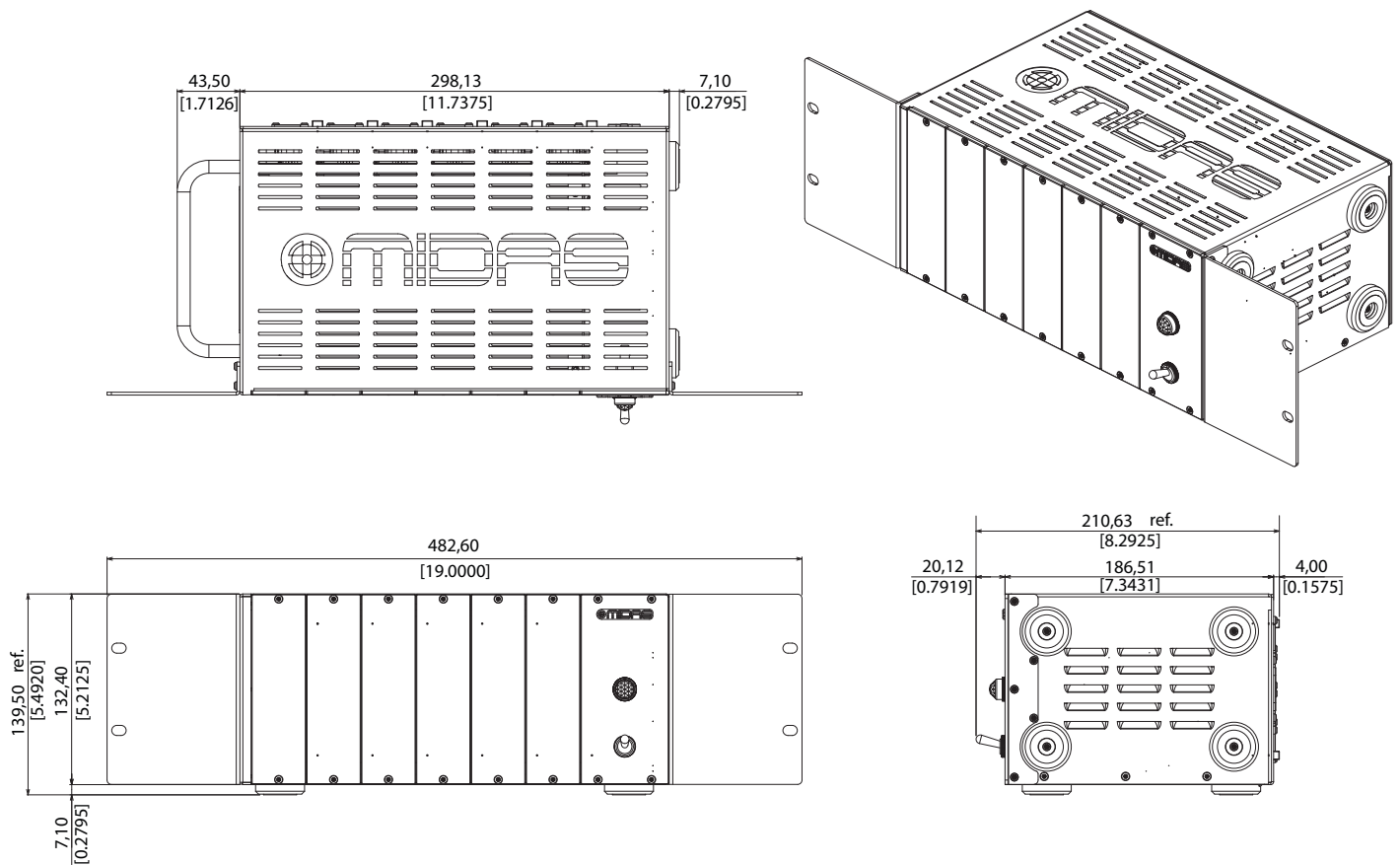


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### Dimensions



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## Technical Specifications

## Controls

Power	Front panel switch and lamp
Comp Bus	Rear panel switches, 1-2, 2-3, 3-4, 4-5, 5-6
Audio link	Rear panel switches, 1-2, 2-3, 3-4, 4-5, 5-6
Ground lift	Rear panel switch

## Input and Output

Input	6 x balanced XLR
Aux input	6 x balanced XLR
Output	6 x balanced XLR
Aux output	6 x balanced XLR

## Power Requirements

AC Input Voltage	100-240 VAC, 50-60 Hz, IEC input
Output Voltages	3.2 A @ $\pm 16$ V, 300 mA @ +48 V (phantom power)
Power consumption	Typically 35 W

## Physical

Dimensions (HxWxD)	140 x 349 x 211 mm (5.5 x 13.7 x 8.3")
Dimensions (HxWxD) without feet	132 x 483 x 211 mm (5.2 x 19 x 8.3")
Weight	4.4 kg (9.7 lbs)

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### Architecture & Engineering Specifications

The MIDAS Legend L6 500 series portable/rack mounting chassis shall house up to six 500 series modules.

The L6 chassis shall provide a 3 pin female XLR input connector and a 3 pin male XLR output connector for each module. All XLR's shall be wired pin 2 hot, pin 3 cold.

The L6 chassis shall provide a 3 pin female XLR aux input connector and a 3 pin male XLR aux output connector for each module. All XLR's shall be wired pin 2 hot, pin 3 cold. Only certain compatible modules shall be able to utilise the aux XLR connectors.

The L6 chassis shall provide audio link switches between all modules. For example audio switch 1-2 when selected shall link the output of module 1 to the input of module 2.

The L6 chassis shall provide compressor bus link switches between all modules. For example comp bus switch 1-2 when selected shall link compatible compressor modules in slot 1 and slot 2 together to make a stereo pair.

The L6 chassis shall provide a ground lift switch, when selected it shall disconnect the audio ground from the chassis ground.

The L6 chassis shall be fitted with an internal switch mode power supply, capable of operation at AC voltages ranging from 100 to 240 VAC, at 50/60Hz.

The L6 chassis PSU shall provide +/- 16 VDC @ 3.2A and +48 VDC @ 300 mA maximum total power to the modules.

The L6 chassis shall provide a front panel power on/off toggle switch which shall enable or disable the internal PSU. A front panel power indicator lamp shall illuminate when the PSU is powered up.

The L6 chassis mains connector shall be a standard IEC receptacle.

The L6 chassis, dimensions shall be 140 mm high x 349 mm wide x 211 mm deep (5.5 x 13.7 x 8.3") with handle and feet fitted.

The L6 chassis dimensions shall be 132 mm high x 483 mm wide x 211 mm deep (5.2 x 19 x 8.3") with included rack ears and no feet fitted.

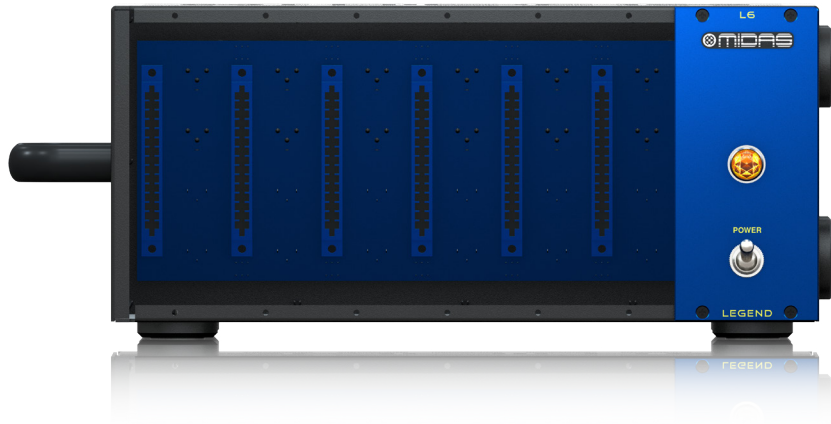
The L6 chassis nominal weight shall be 4.4 kg (9.7 lbs).

The L6 chassis shall be the MIDAS model Legend L6, and no other alternative shall be acceptable.

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For service, support or more information contact the MIDAS location nearest you:

**Europe**  
**MUSIC Tribe Brands UK Ltd.**  
Tel: +44156 273 2290  
Email: CARECrea@music-group.com  
CAREnte@music-group.com  
CARELife@music-group.com

**USA/Canada**  
**MUSIC Tribe Commercial NV Inc.**  
Tel: +1 702 800 8290  
Email: CARECrea@music-group.com  
CAREnte@music-group.com  
CARELife@music-group.com

**Japan**  
**MUSIC Tribe Services JP K.K.**  
Tel: +81 3 6231 0453  
Email: CARECrea@music-group.com  
CAREnte@music-group.com  
CARELife@music-group.com

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