

## DI Boxes

# PRO DI ACTIVE

## DI 10A

Active DI Box with MIDAS Transformer,  
Extended Dynamic Range and  
Phantom/Battery Operation



- Active DI Box for general purpose and multimedia applications
- Custom-built MIDAS transformer for highest signal integrity
- High headroom design offers superior sound quality
- Powered from console +48 V phantom or internal battery (not included)
- Automatic switchover to battery if phantom power fails
- Matches the level and impedance with unity gain without loading the source
- Switchable input attenuation for guitar, line and speaker levels
- High quality Neutrik® XLR and high impedance ¼" TRS connectors
- Earth Lift switch eliminates ground loop problems
- Fully transformer-isolated design ensures electrical separation
- Ultra-low noise and ultra-linear system for highest signal integrity
- Aluminium extrusion casing with protective rubber corners
- Compact and rugged design
- 10-Year Warranty Program\*
- Designed and engineered in the U.K.

Building on **KLARK TEKNIK's** storied legacy of highest-quality direct injection devices, the DI 10A PRO DI ACTIVE offers the same high headroom, dynamic response and sonic clarity you have come to expect. DI 10A is ideal for interfacing keyboards, samplers and other electronic musical instruments to mixing consoles, and faithfully reproduces the character of electric



and acoustic instruments, allowing far more of the detail of musical performances to be captured. The DI 10A is powered by +48 V phantom power with a 9 V battery backup, which automatically allows the device to function should phantom power fail, or be unavailable. Equipped with a switchable input attenuator, DI 10A easily accommodates instruments, line, and even loudspeaker level signals – and thanks to its extremely low noise input circuit topology (-112 dBu), DI 10A provides extended dynamic range, making it the perfect choice for professional audio and multimedia applications.

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### Compact & Rugged Construction

The ultra-compact DI 10A is built to handle the rigours of life on the road via a thick and rugged aluminium extrusion that protects the electronics. The enclosure's roadworthiness is further enhanced through the implementation of sturdy rubber corner bumpers.

### MIDAS – The Legend in Sound Quality

Ever since its formation in the 1970s, **MIDAS** has had a long history of innovation and leadership in the world of audio mixing consoles. Employed by the most famous touring acts and installations world-wide, legendary **MIDAS** consoles such as the **XL4** and **Heritage H3000** quickly became industry standards.

**MIDAS** has earned their impeccable reputation due to their no-compromise approach for audio and build quality and in particular for their Award-winning products which are considered by industry experts as the industry's best sounding designs. Building on this legacy, the **XL8** and **PRO** Series of Live Mixing Systems continue this great heritage of Award-winning audio quality.

**KLARK TEKNIK** is proud to incorporate **MIDAS** designed transformers for the ultimate in high-quality audio reproduction in both live and studio environments. Find out more about **MIDAS'** amazing legacy by visiting their extensive website.



### High Headroom Design

A custom instrumentation-grade input circuit was designed for the DI 10A using advanced analogue design techniques to create the very high input impedance required by passive guitar and bass pickups, whilst keeping the actual component values low to minimise noise. This innovative approach to circuit design produces a very low noise floor, which combined with the high clipping point creates an unrivalled dynamic range in a +48 V phantom powered DI Box.

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## Connectivity & More

DI 10A PRO DI ACTIVE features genuine high quality Neutrik® XLR and high impedance ¼" TS connectors to maintain the highest signal integrity. The Input connectors accept balanced and unbalanced signals over TRS, TS or XLR cables with plugs, with the Thru jack passing an unbalanced ¼" TS signal to local amps/monitors. The Output XLR jack sends a balanced version of the Input signal to your mixing board or other processing device.



## Input Pad, Power & Earth Lift Switches

Features a highly versatile input Pad, the DI 10A easily accommodates signal levels ranging from +10 to +50 dBu. The Earth Lift switch separates the input and output grounds, eliminating earth loops between equipment on different mains electricity supplies. Power is managed via a dedicated switch with an LED indicator that indicates the current operating state: battery power active = LED blinks; battery power off = LED off, and phantom power active = LED constantly on.

## Versatility

The DI 10A PRO DI ACTIVE provides maximum versatility, frequency response from 10 Hz to 90 kHz ( $\pm 3$  dB), MIDAS custom-design transformers for the ultimate signal integrity, and much more – all in a road-ready enclosure that stands ready for your input.

Visit your local [KLARK TEKNIK](#) supplier to try out the DI 10A PRO DI ACTIVE, or get yours online today. Your ears can tell the difference...



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## You Are Covered

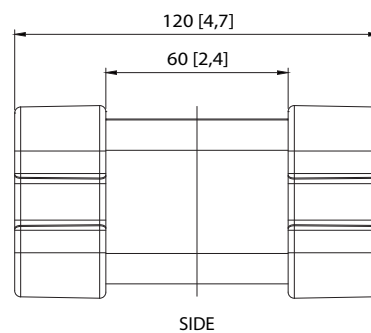
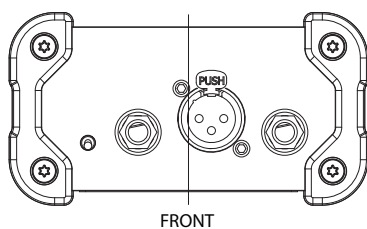
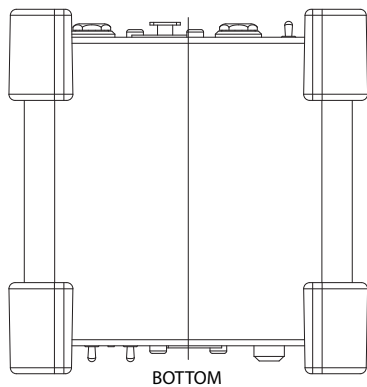
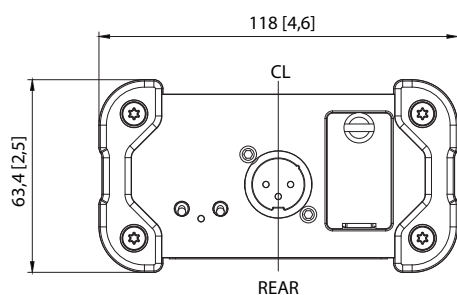
We always strive to provide the best possible Customer Experience. Our products are made in our own [MUSIC Tribe](#) factory using state-of-the-art automation, enhanced production workflows and quality assurance labs with the most sophisticated test equipment available in the world. As a result, we have 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

### Audio Connections

Input	1 x XLR, balanced 1 x ¼" TS, unbalanced
Input Impedance	> 250 kΩ
Thru	1 x ¼" TS, unbalanced
Output	1 x XLR, balanced
Load Impedance	> 600 Ω
Maximum Input level	+10 / +30 / +50 dBu

### System

Frequency Response	10 Hz to 90 kHz, ±3 dB
THD+N	< 0.02 % @ 1 kHz, 0 dBu
Noise Level	< -112 dBu
PAD Switch	0 / -20 / -40 dB

### Power Supply

Phantom power	18 V DC to 48 V DC
Battery	9 V Blockcell 6LR61

### Dimension / Weight

Dimensions (W x D x H)	118 x 120 x 64 mm (4.6 x 4.7 x 2.5")
Weight	0.56 kg (1.2 lbs)



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