

THANK YOU

for your purchase



D102

Class A direct box

User manual v7.23

INTRODUCTION

The DI02 is a high end Class A direct box, made for the studio and the stage. It features the big & famous Carnhill® VT24499 transformer [the same you can find in Neve® 51-series console for example] that gives a massive sound on the balanced output, but also an integrated buffer on the link output for enhanced direct sound through your guitar, bass or keyboard amp.

Thank to a very high input impedance ($\approx 4M\Omega$), the DI02 offers a very wide and dynamic sound, perfect for modern & vintage instruments.

It's sturdy design will make it last for decades of touring. Just enjoy !

SPECIFICATIONS

- ▶ Max input level: +9dBu without PAD | +18dBu with PAD
- ▶ Max output level: +22dBu without PAD | +19dBu with PAD
- ▶ Input impedance: $\approx 4M\Omega$
- ▶ Output transformer: Carnhill VT24499
- ▶ Integrated buffer circuit on the LINK output
- ▶ Frequency response (1k Ω load) ▶ $\pm 1.0\text{dB}$ from 5.4Hz to 25+kHz
▶ $\pm 0.2\text{dB}$ from 20Hz to 20kHz
- ▶ SNR : >102dB (0.2% max THD)
- ▶ Worldwide compatible power supply: 100-240V | 50-60Hz
- ▶ Dimensions : 220x160x47mm | 8.7x6.2x1.8in
- ▶ Weight : 1.85kg | 4.1lb

Designed and assembled in our workshop in Saint V rand (France).



MAINTENANCE

Thanks to their modular design using mainly old school THT components, our products are robust and will be easily serviced for decades. We simply want our products to stand the test of time and become future classics.

Feel free to contact us for any maintenance operation or spare parts, we will always be there to help.

⚠ Safety first! This equipment operates at high voltage. Only qualified electronics technicians should open the device for maintenance.

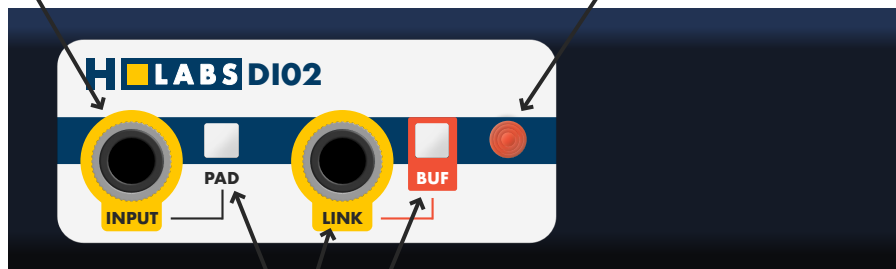
MAIN FEATURES

INSTRUMENT INPUT

The very high impedance input ($\approx 4\text{M}\Omega$) is a major upgrade from classic DI circuits. It will get the most of modern & classic instruments, be it acoustic or electric guitars, basses, keyboards and more.

SIGNAL LED

The multicolor LED indicates the level of signal on the input.



INPUT PAD

Use the PAD to adjust the input level :

Disengaged ▶ +13dB

Engaged ▶ 0dB

❗ The LINK output is not affected by the PAD position.

LINK OUTPUT & BUFFER

The link output is a replication of the jack input, featuring a buffer circuit. This functionality ensures a perfect impedance match with the following amplifier, for a wide and clear sound.

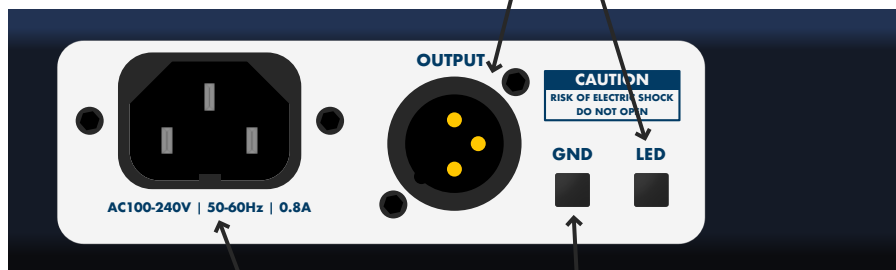
❗ As a key element in the audio quality of the DI02 circuit, the buffer is activated by default. Press the button to bypass the buffer circuit!

BALANCED OUTPUT

The very low output impedance ($\approx 10\Omega$) using the Carnhill® VT24499 transformer ensure a perfect sound with virtually any audio device, including vintage gear.

LED OFF

Want it black ? Just turn off the LEDs by switching this button !



POWER SUPPLY

We integrated a worldwide compatible power supply, so you can just plug it in without thinking.

❗ For the most demanding applications, this socket is compatible with secured V-LOCK® power cables (available from our shop).

GROUND LIFT

Use the ground lift to remove unwanted noises from ground loops.

**For any question,
feel free to contact us at
support@hlabs.audio**

