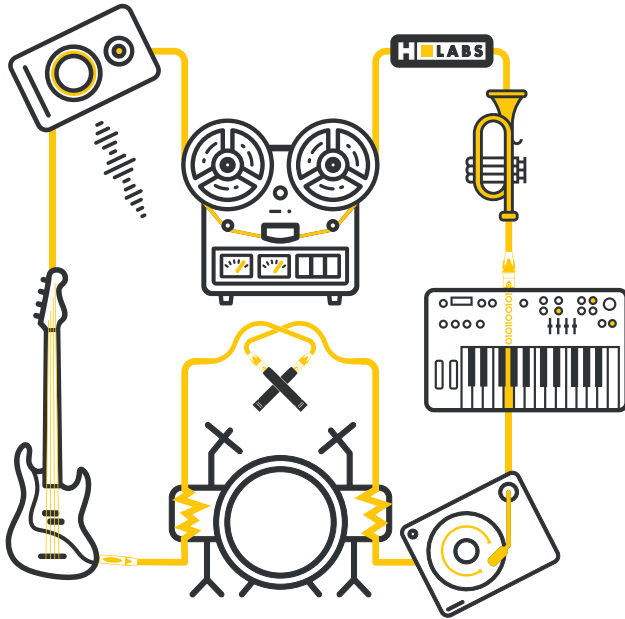




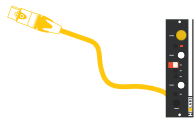
BOITE NOIRE

Pure Class A Direct Box

USER MANUAL V7.25



**Get the best sound.
In any situation.**



Plug an H Labs.

INTRODUCTION

After seeing our DI01 and DI02 direct boxes touring the world for years, we decided to create the 'BOITE NOIRE' with features specifically designed for live performances.

Its fully black design helps it blend into the background, and the original LED strip backlighting has been replaced with a discreet power indicator on the LEVEL light.

It features the same Neve-esque Carnhill© VT24499 transformer 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 or bass amp.

We have also added an OUTPUT LEVEL setting that can be used to switch between LINE and MIC output levels, acting as an output pad on the signal.

Thanks to its very high input impedance ($\approx 4M\Omega$), this circuit produces a wide and dynamic sound, making it perfect for modern and vintage instruments.

Its sturdy design will ensure it lasts 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) ▶ ± 1.0 dB from 5.4Hz to 25+kHz
▶ ± 0.2 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 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.

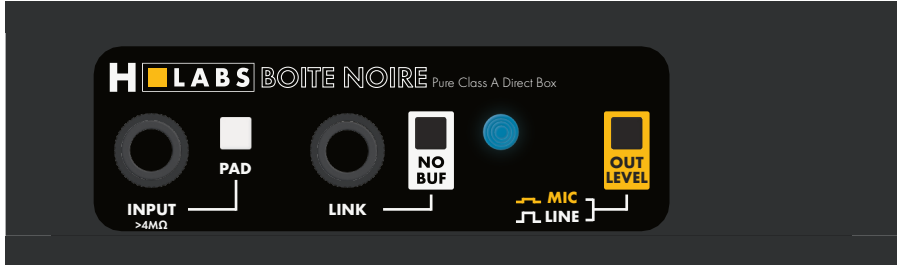
MAIN FEATURES

INSTRUMENT INPUT

The very high impedance input ($\approx 4M\Omega$) 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 & POWER LED

The multicolor LED indicates the level of signal on the input. To indicate that the device is powered on, it emits a soft blue light.



INPUT PAD

Use the PAD to adjust the input level:
Disengaged ▶ +13dB
Engaged ▶ 0dB

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

OUTPUT LEVEL

Disengaged ▶ LINE output level (+13dB gain)
Enter your console or converters directly at line level, and use 'BOITE NOIRE' as an instrument preamp.

Engaged ▶ MIC output level (-10dB gain)
Enter your preamplifiers at mic level to get all their colour and saturation.

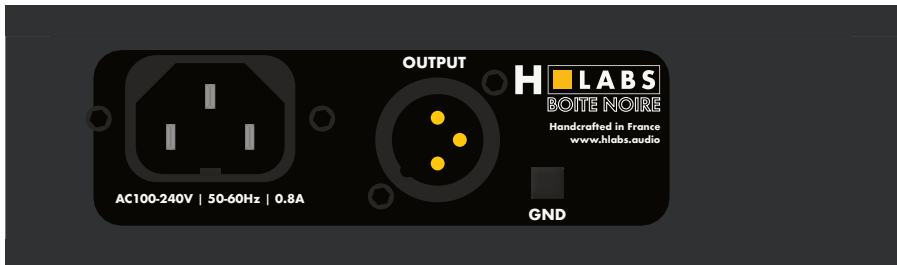
LINK OUTPUT & BUFFER

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 circuit, the buffer is activated by default. Press the button to bypass it!

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.



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.

THANK YOU

FOR USING OUR ANALOG AUDIO TOOLS



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

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