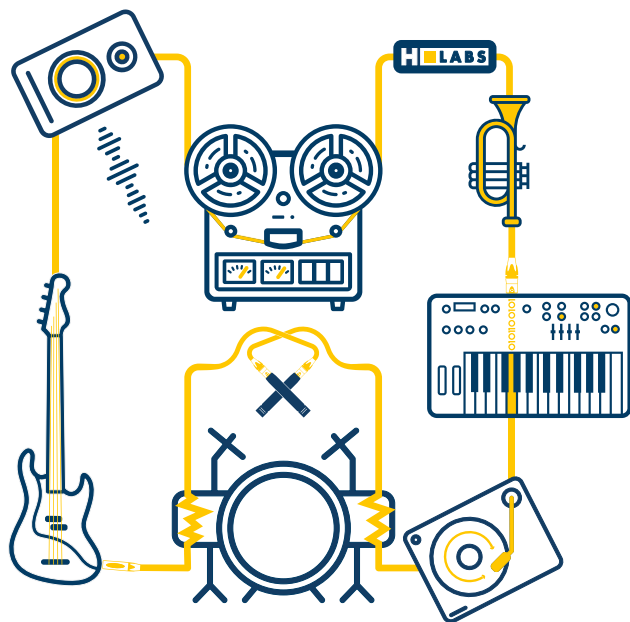




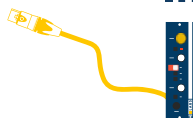
PATH500

**Comprehensive patching
for your 500-series lunchbox**

USER MANUAL V8.26



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

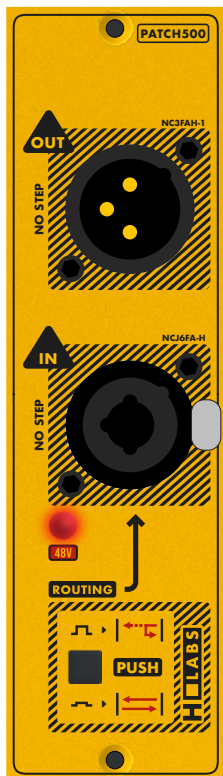


Plug an HLabs.

INTRODUCTION

The PATH500 is a simple utility module that adds input and output with routing options to the front panel of your 500-series lunchbox.

With its 100% relay-operated passive routing, the PATH500 can be seamlessly integrated into your setup without being heard.



XLR OUTPUT

The front XLR OUTPUT is always connected to the rear input.

XLR/JACK COMBO INPUT

The front INPUT behaviour depends on the position of the routing switch.

48V INDICATOR

i The 48V indicator will light up if phantom power is present at the rear output of the lunchbox. See page 4 for more information.

ROUTING SWITCH

You can switch between two routing options on the PATH500.
You'll find all the details on the next page.

SPECIFICATIONS

- ▶ 100% relay-operated routing
- ▶ 48V phantom power detection at the rear output
- ▶ Compatible with analog and digital (AES/EBU) signals
- ▶ Neutrik® connectors

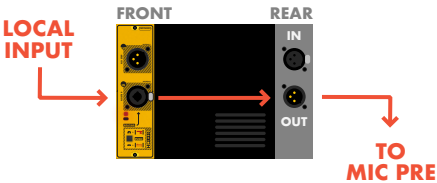
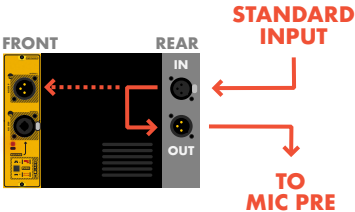
Designed and assembled in our workshop in France.



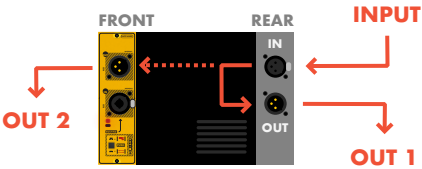
ROUTING EXAMPLES



SWITCHABLE FRONT INPUT Add a switchable local input to your rack so you can mic up at your desk or in the control room.

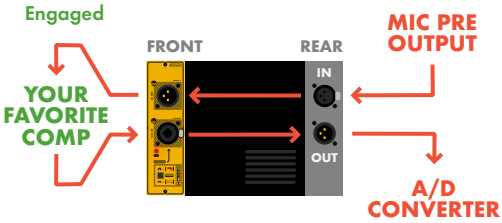
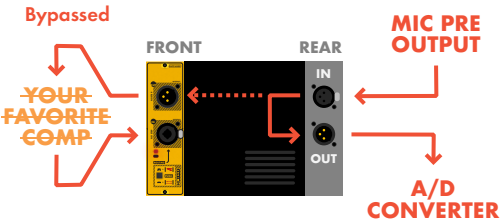


PASSIVE SPLITTER Split your input signal to 2 different outputs, to compare different mic preamps for example.



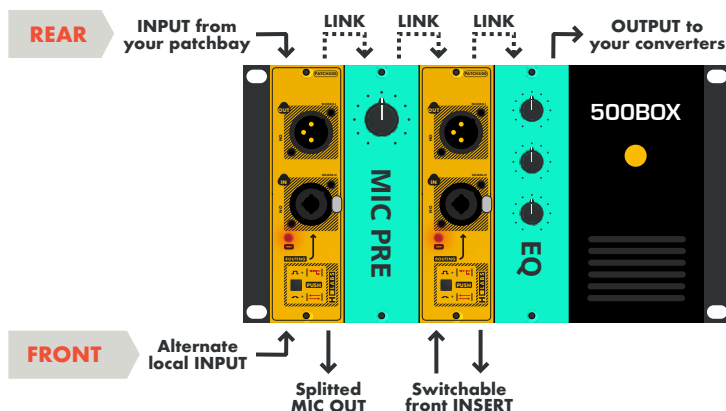
i Please note that this simple split means there's no decoupling between the two outputs, which changes the impedance and level of your signal.

SWITCHABLE INSERT Easily insert analog hardware into your recording or mixing chain. The routing switch then acts as a true-bypass.



ROUTING EXAMPLES WITH LINK

❗ If your lunchbox has some linking options between the slots (like internal jumpers or external switches), you'll be able to integrate PATH500 in many configurations without any rear cabling. Here is an example for a simple recording channel setup.



48V HANDLING & COMPATIBILITY

During normal operation, 48V phantom power should simply pass through the module from the output, where it is present, to the routed input, depending on the switch position. According to API® 500 specifications, it should be that simple.

However, we found that a few lunchboxes incorporate some electronics between the module and the rear connectors. This additional electronic circuit is incompatible with phantom power supply pass-through and causes noise on the corresponding output.

In this situation, the 'Switchable Front Input' scenario will not work with a condenser microphone, for example.

Currently, the only lunchboxes known to cause this problem are the Rupert Neve Design R6 and R10 models. We will update this list if users report problems with other models.

However, the PATH500 module remains compatible with these lunchboxes for other scenarios.

❗ If you encounter any similar troubles with your lunchbox, please email us at support@hlab.audio so we can investigate and update the compatibility list accordingly!

THANK YOU

for your purchase



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

H LABS
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