G-LAB
GUITAR LABORATORY

DUAL REVERB

- ☐ User Manual
- ☐ Instrukcja obsługi
- ☐ Bedienungsanleitung

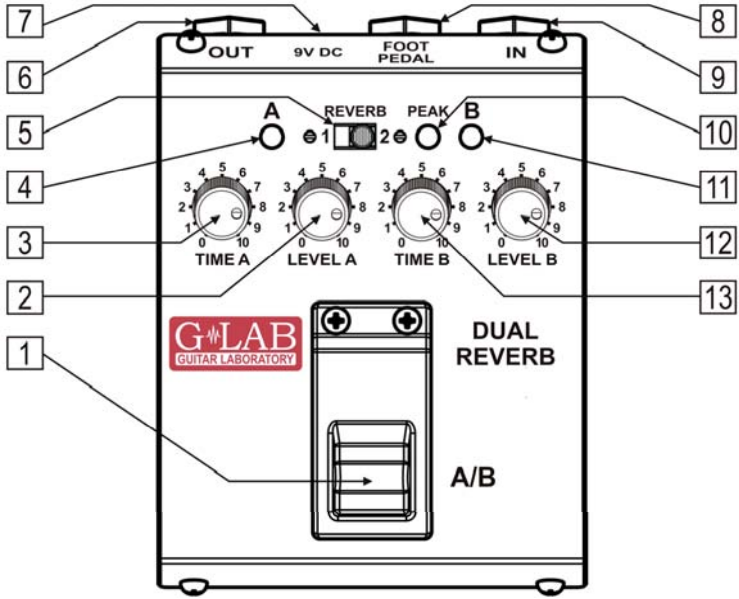
Dear Customer! **Edition 1.1**

Thank you for choosing our product.

G LAB Dual Reverb (DR) is the digital reverb type stompbox.

Basic characteristics:

- two reverb types (REVERB 1 or 2) with various sound characteristics
- two sets (A and B) of reverb time and effect level (reverb intensity) controls
- footswitch switching between different settings of time and intensity of A and B reverbs
- smooth switching between A and B reverbs (not cutting sounding of previously played tones)
- signal overdrive indicator (PEAK)
- high level of maximal signal (8 dBu) what enables to use it at amps effect loops
- low noise level
- FOOT PEDAL input for controlling it by a guitar controller e.g. G LAB GSC
- 9V DC power supply.


7
6
5
4
3
2
1
8
9
10
11
12
13
OUT
9V DC
FOOT PEDAL
IN
A
REVERB
PEAK
B
TIME A
LEVEL A
TIME B
LEVEL B
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DUAL REVERB
A/B

1 - footswitch (A or B reverb)

2 - A reverb LEVEL (intensity) control

3 - A reverb TIME control

4 - A reverb switching on indicator

5 - reverb type selection 1 or 2

6 - output signal connector (OUT)

7 - 9V DC power supply connector

8 - FOOT PEDAL connector (controlling selection of A or B reverbs)

9 - input signal connector (IN)

10 - signal overdrive indicator (PEAK)

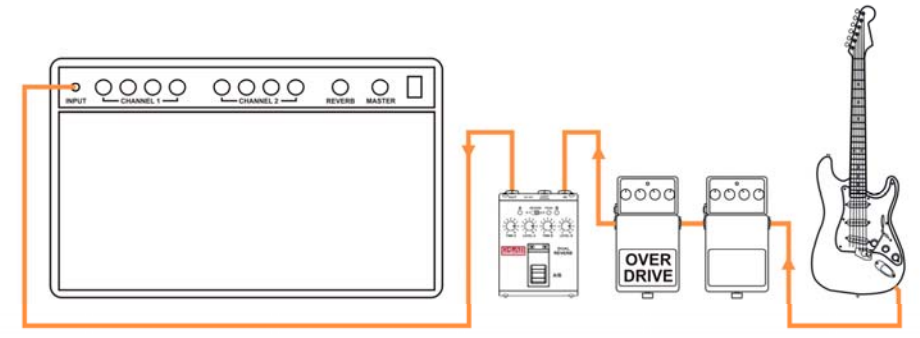
11 - B reverb switching on indicator

12 - B reverb LEVEL (intensity) control

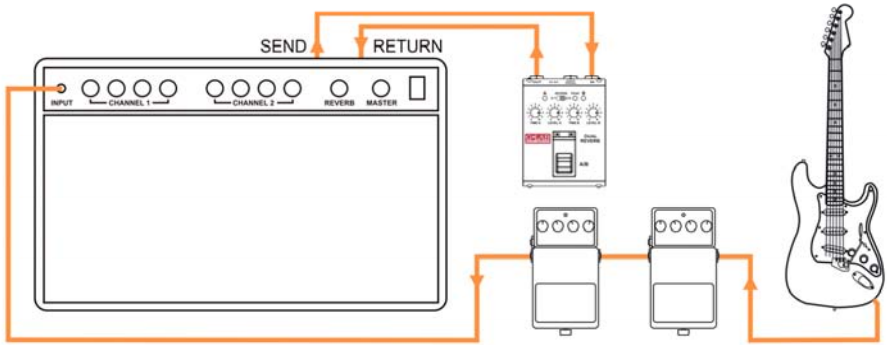
13 - B reverb TIME control

Diagrams of connecting

In case when you use only stompbox overdrives the DR should be connected as the last stompbox pre amp.



When you use overdrive channel (or channels) of your amp the DR should be connected at the and of the signal path what means, to the amp effect loop.



If your amp is equipped with SEND output signal level control then you should set the active reverb LEVEL control to maximum and set in a such way your amp SEND output signal level control to be at the edge of lighting up the DR PEAK indicator (it is recommended to set the amp channels controls at typically used positions and to check all the channels). Then you should adjust RETURN input gain control to receive the same signal level (volume) when the effect loop is active or not.

Control settings

The REVERB 1 or 2 switch enables to select sound characteristics of the used reverb. TIME controls enable adjusting the reverb time from hundreds of milliseconds up to few seconds (REVERB 2 offers longer lasting sounding). LEVEL controls enable adjusting the proportion of the resounded from zero signal to the level of 25% of the incoming one. Thanks ability of setting two pairs of reverbs time and level parameters, and also thanks footswitching between these two pairs (REVERB A and B) it is possible switching the used reverb while playing, what reasonably increases a guitar tone performances.

Typical controls settings:

- quick support playing: REVERB = 2, TIME = 1 to 2, LEVEL = 3 to 5,
- slow support playing: REVERB = 2, TIME = 2 to 4, LEVEL = 4,
- solo: REVERB = 2, TIME = 3 to 5, LEVEL = 4 to 6.

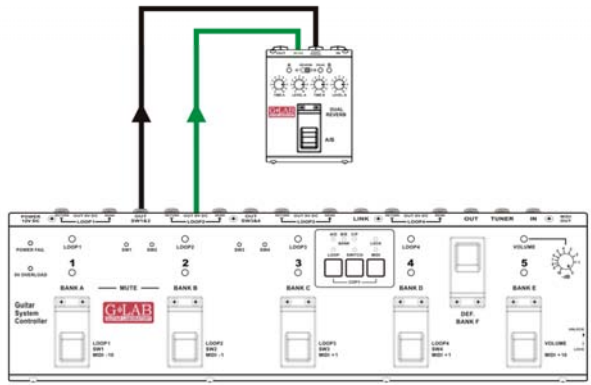
Power supply

The DR should be supplied from external regulated 9V DC power supply, with 80 mA output or more. Before connecting please check if the connector's polarisation is proper.

REMARK: Damage of the DR caused by supplying it with power of improper voltage effects in loss of the warranty.

Connecting to the GSC (Guitar System Controller)

The DR can be controlled by the G LAB GSC. In such a case the SW1&2 (or SW3&4) output of the GSC connect with the DR FOOT PEDAL input by a Jack/Jack mono cable.



According to the signal (only in case when we don't use the amp's reverb) it is recommended to connect the DR between the GSC and the amp input or to the LOOP4 loop of the GSC. In such a case power supply can be supplied from 9V output of the GSC.

Specification

Dimensions:	depth	120 mm
	width	90 mm
	height	60 mm
Weight		440 g
IN input impedance		1 MΩ
Maximal input signal		8 dBu
OUT output impedance		4 kΩ
Power supply		9V DC (8.7 ÷ 9.4V regulated)
Power consumption		80 mA

FCC Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer for help.

Declaration of Conformity

ELZAB S.A., ul. Kruczkowskiego 39, 41-813 Zabrze, Poland,
declare under sole responsibility, that the following product:

G LAB/ Dual Reverb (G LAB DR)

conforms with requirements of the EC Council Directives:

- 2006/95/EEC Low Voltage Directive,
- 2004/108/EEC Electromagnetic Compatibility,

and holds CE mark. Above named product conforms with the following standards:

- PN-EN 60065:2004 /EN 60065:2002/ Audio, video and similar apparatus - Safety requirements.
- PN-EN 55103-1:2000 /EN 55103-1:1996/ Electromagnetic compatibility - Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use - Part 1: Emission
- PN-EN 55103-2:2001 /EN 55103-2:1996/ Electromagnetic compatibility - Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use - Part 2: Immunity

Jerzy Biernat

President of the ELZAB S.A. Board of Directors

Copy of original EC declaration of conformity is available for download on our webside http://www.glab.com.pl

DO NOT PLACE THIS PRODUCT INTO THE WASTE CONTAINER !

This device is marked with a cross-lined waste container symbol according to 2002/96/EU Directive on Waste Electric and Electronic Equipment.
Such marking informs that after usage equipment can not be trashed together with other household waste.

An user obligation is to return wasted equipment to a party collecting wasted electric and electronic equipment. Parties collecting such equipment organise a system, including local collection points, shops and other units, allowing to return such equipment. This Directive assures an user free of charge utilisation of such delivered equipment.
This device is made of materials which can be recycled or utilised after becoming out of use. Proper handling of wasted electric and electronic equipment reduce demand for row materials and contribute in avoiding harmful consequences for environment and health of people caused by dangerous components and not proper storing and utilising of such equipment.

G LAB is a brand of ELZAB SA

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