



# MANUAL

## DUAL PRE





## USER MANUAL PURPOSE

This user manual is dedicated to the use of the bass pedal preamp DUAL PRE. The manual includes the following information: • General information (technical data and packaging) • Description of the amplifier's functions. All the information described in this user manual is verified. The manufacturer reserves the right to update or modify their product without any notice.

## PACKAGING AND STORAGE

### PACKAGING

DUAL PRE is packed in a special cardboard box. The box contains only the pedal.

### TRANSPORT

Please handle the box with care. A specific position during the transport is not required.

### STORAGE

Please keep the amplifier in a dry and ventilated place. Ideal storage conditions: the temperature within -20C and 40C, Humidity 20% to 80%.

### PRODUCT DISPOSAL

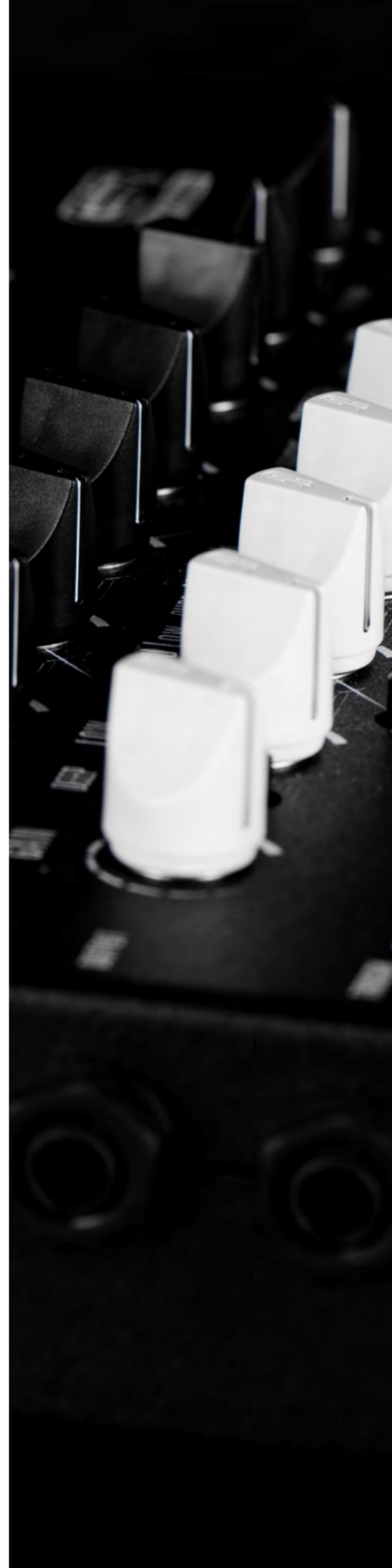
Please follow the disposal instructions issued by your local council. By European Directive 2002/96 / EC, all electrical and electronic products should be disposed of by specific collection facilities appointed by the government or the local authorities.

### DECLARATION OF CONFORMITY

The product complies with the following European directive:  
2014/35 / EU - Electrical Safety  
2014/30 / EU - Electromagnetic Compatibility  
2011/65 / EU - Limited use of certain hazardous substances in electrical and electronic equipment

A full copy of the declaration of conformity is available from the manufacturer.

The manufacturer is not responsible for any damage due to improper use of the product.





## DESCRIPTION

The GR-DUAL PRE bass preamp pedal offers the best compromise between portability and versatility for the modern bass player.

This powerful amp holds two separate channels (each with dedicated functionality), giving you the possibility to set up your rig in many different ways.

Ch1 and Ch2: Gain, 4 Band EQ. (with 4 frequencies selectable for mid-range), Deep Boost, Bright Boost, Master Volume, Compressor Section with the possibility of adjusting ratio, threshold, release, and volume.

Extra on Ch1: Pure Sound (by-pass of all EQ functionality), Send/Return, and Headphones.

Extra on Ch2: Overdrive section with a low cut, two distortion modes and blend function.

Extra Features: Tuner, Dedicated Volumes to the Balance D.I. outputs, Switch GND/LIFT, Dedicated Volume and EQ Section to the phone output, Trough Output (Parallel Output), Aux IN

Power Requirement:

9V VDC (power supply not included)

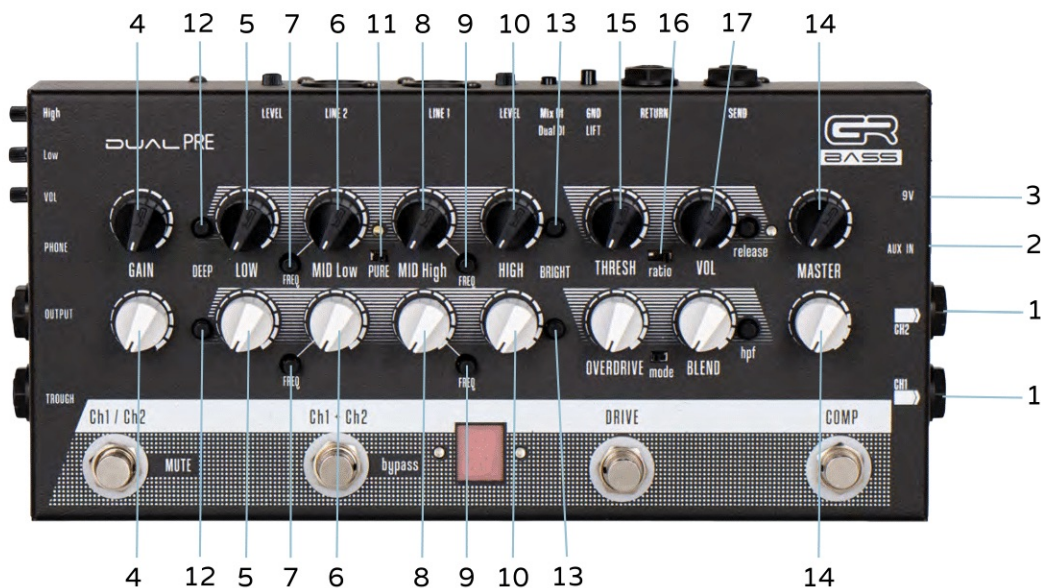
Dimensions:

11" x 5,3" x 2,6" / 28 X 13,5 X 6,5





# CONTROLS DESCRIPTION



## 1. INPUT CH1 and CH2

Input jack for your instruments. We suggest using a good quality cable, to obtain the best audio performance

## 2. AUX IN

3.5mm jack Auxiliary input to connect an external audio device

## 3. 9V DC

Input for the 9V 500mA power supply. The polarity is center negative. (Power supply not included).



## 4. GAIN CONTROL KNOB CH1 and CH2

Sets the input signal amount of the pre-amp

## 5. BASS CONTROL KNOB CH1 and CH2

Increases or reduces the bass frequencies of the signal low  $\pm 13$  dB max @ 50 Hz, f3dB = 250 Hz

## 6. MID Low CONTROL KNOB CH1 and CH2

Increases or reduces the mid-low frequencies of the signal ( $\pm 12$  max dB)

## 7. MID Low-FREQUENCY SELECTOR CH1 and CH2

You can select which mid-low frequency to use, 185 Hz or 800 Hz

## 8. MID High CONTROL KNOB CH1 and CH2

Increases or reduces the mid-high frequencies of the signal ( $\pm 12$  max dB)

## 9. MID High-FREQUENCY SELECTOR CH1 and CH2

You can select which mid-high frequency to use, 600 Hz or 1800 Hz

## 10. HIGH CONTROL KNOB CH1 and CH2

Increases or reduces the high frequencies of the signal High  $\pm 13$  dB max @ 7.6k Hz, f3dB = 1k Hz

## 11. PURE SWITCH

Allows bypassing all the equalization filters of the preamplifier. The pure-mode activation is signaled by the LED on the top of the button

## 12. DEEP BUTTON CH1 and CH2

Gives a more deep sound

Push off = flat

Push on = +5 dB @ 50 Hz, +3 dB @ 170 Hz

## 13. BRIGHT BUTTON CH1 and CH2

Gives a more bright sound

Push off = flat

Push on = +3 dB @ 2.7k Hz, +6 dB @ 9.6k Hz

## 14. MASTER KNOB CH1 and CH2

Controls the overall volume of channel 1 and channel 2

## 15. THRESHOLD CONTROL KNOB

The threshold is the point set for when the compressor starts compressing once the volume of the signal reaches above that level

## 16. RATIO SELECTOR

The ratio determines how much gain reduction the compressor applies when the signal passes a threshold level

Left / Center / Right = 1:2 / 1:4 / 1:8

## 17. COMPRESSOR VOLUME KNOB

Volume determines how much gain to apply to the compressed output signal, to compensate for the volume loss due to the compression itself





#### 18. RELEASE BUTTON

The release controls how long it takes for the compressor to return to an uncompressed state  
Push off = slow Push on = fast

#### 19. OVERDRIVE KNOB

Increases or reduces the amount of distortion

#### 20. DRIVE MODE SELECTOR

Select the type of distortion (soft/hard clipping)

#### 21. BLEND KNOB

Select the clean/distorted ratio of the signal

#### 22. HPF (HIGH PASS FILTER)

Cuts low-end frequencies (High-pass filter) before the OVER-DRIVE stage to make more clear and intelligible distorted sound

#### 23. OUTPUT

Sends effected or no effected signal to amp rig or power amp, depending on the orientation of the Footswitch

#### 24. PARALLEL OUTPUT

Instruments signal passes through always unworked to the input of your amplification system

#### 25. HEADPHONES OUTPUT

3.5mm plug for headphones

#### 26. HEADPHONES EQ SECTION

Equalization section dedicated to the headphones output

#### 27. DI OUTPUT CH1 and CH2

Independent balanced XLR outputs. Sends effected or no effected signal to mixing console/recorder, depending on the orientation of the Footswitch

#### 28. LEVEL DI OUTPUT CH1 and CH2

Controls the DI volumes

#### 29. MIX DI / DUAL DI

Allows to mix the two signals into a single DI output

#### 30. GND LIFT BUTTON

Isolates the DI outputs from the ground wire

#### 31. SEND (works only on the CH1)

6.35mm jack plug to connect an external effect's input

#### 32. RETURN (works only on the CH1)

6.35mm jack plug to connect an external effect's output

#### 33. CHROMATIC TUNER / CLIP SIGNAL

(works only on the CH1)

When the mute mode is activated, the chromatic tuner is automatically activated. The display shows the note being played and the LEDs indicate the accuracy of the tuning.

Only left LED = the note is too low

Only right LED = the note is too high

Both LEDs in blue light = the note is in tune

Both LEDs in red light in mute mode = the note is in tune in sharp

Both LEDs in red light not in mute mode = high level of the input signal (clip)

#### 34. CH1 / CH2 FOOTSWITCH

Pressing the foot switch switches from CH1 to CH2. Pressing and holding for 3 seconds switches to mute mode and activates the chromatic tuner

#### 35. CH1 + CH2 FOOTSWITCH

Pressing the foot switch activates both channels simultaneously. Press and hold for 3 seconds to switch to bypass mode

#### 36. DRIVE FOOTSWITCH

Pressing the footswitch activates the overdrive section

#### 37. COMP FOOTSWITCH

Pressing the footswitch activates the compressor section



## LIMITED WARRANTY

The warranty covers five years.

The warranty covers any defects in material or workmanship under normal use during the warranty period. Any shipping cost to/from the repair service center is the customer's responsibility. In the event of irreparable damage or repeated failure of the same type, the manufacturer may replace the unit, within the term of the original warranty.

The warranty does not cover parts that may result in faulty due to:

- Negligence or careless use
- Improper installation and maintenance
- Tampering made by unauthorized personnel
- Damages that might not be related to manufacturing defects.

The manufacturer accepts no responsibility for any damage due to persons, animals or things, as a consequence of the failure to comply with all the installation requirements and /or use indicated in this user manual.







# PURE — SOUND

GR Bass is an innovative and dynamic company that has been working for years in the music amplification sector.

[www.grbass.com](http://www.grbass.com)



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