

diago

L I T T L E S M A S H E R
M A N U A L

GUITAR AMP HEAD

Introduction

Thank you for purchasing the Diago Little Smasher, an über-portable pedal-sized 5W guitar amp head. It's a great little piece of kit, and we really do hope you love it.

A fully fledged amp head, it's ideal for small gigs, studio and home use. Its four analogue modelled cascading gain stages adjusted by the Gain and Volume controls give a range of tones from chimey clean to plexi-esque rock crunch, and it's designed to work especially well with pedals up front if you need to push it further or want multiple channels. It also has active Bass and Treble controls with a massive +15dB boost and -30dB cut available on each.

5 Watts doesn't sound like a lot, but it's surprisingly loud and can drive a wide range of cabinets; anything up to a 4x12 which it does with ease. Tired of lugging heavy heads, and combos around; now all you need to take with you is a guitar, pedal board and cab.

Features

- Pedal-sized and only 600g / 21oz
- 4 analogue modelled cascading gain stages & 5W output power
- 4 controls: Volume | Gain | Treble | Bass
- 2-band active EQ: +15dB / -30dB
- 4-16 Ohms output impedance
- Thick 2mm / 14 gauge fabricated carbon steel construction

Contents

You should have the following items in your Little Smasher box:

- 1 x Diago Little Smasher unit
- 1 x Diago Micropower9 9V DC, 1A power supply
- 2 x 20mm wide adhesive backed rubber foot pads
- 2 x Pieces of 25mm wide adhesive backed Velcro
- This manual....

Product Details

VOLUME control
Adjusts the overall volume level

TREBLE control
+15dB boost, -30dB cut

BASS control
+15dB boost, -30dB cut

GAIN control
Adjusts the level of overdrive



POWER input
Connect the Power supply,
requires 9V DC @ 600mA or more

1/4" TS jack signal INPUT
Connect the output of your
guitar or effects pedals

Latching POWER Switch
In = ON, Out = OFF

1/4" TS jack SPEAKER OUTPUT
Connect to the input of your
passive speaker cabinet

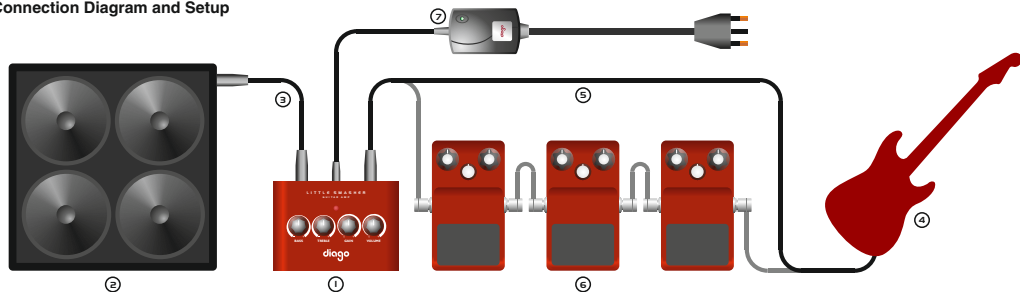


RUBBER FOOT PADS
VELCRO STRIPS



Visit the Diago website (www.diago.co.uk) for more comprehensive information on the Little Smasher.

Connection Diagram and Setup



Connect the 1/4" TS JACK SPEAKER OUTPUT of the Little Smasher (1) to a passive speaker cabinet (2) with an impedance of 4-16 Ohms, using only an adequately rated speaker cable (3). Do not use a signal cable such as a guitar cable, or similar.

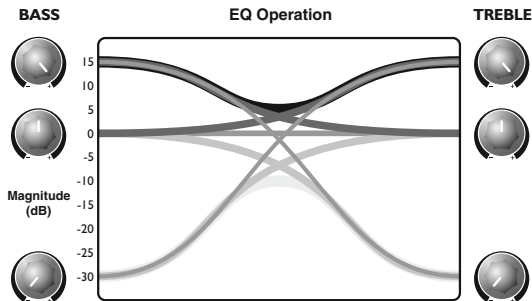
Connect a guitar (4) to the signal input of the Little Smasher using a good quality guitar cable (5), either directly or via your effects pedals (6).

Make sure that the POWER switch on the Little Smasher is OFF (Out) and turn the 4 controls to 12 o'clock / vertical. Turn the guitar volume all the way down.

Connect the included Diago Micropower9 power supply (7) to the 2.1mm POWER input socket, and to the AC mains. Turn on the mains power - the Green LED on the Micropower9 should light. Next, press the Little Smasher POWER switch to turn it ON (In). The Little Smasher LED should also light up.

Turn up the guitar volume and alternately play the guitar and adjust the GAIN and VOLUME controls to your taste. They work interactively, so you may need to do this a few times to get what you're looking for.

Finally, play and adjust the TREBLE and BASS controls to give your desired EQ curve. They have a huge range, so experiment to find some settings that you like.



Warranty

For our current warranty terms and conditions, please refer to our website at www.diago.co.uk.

Safety

Do not use near water, or install near heat sources. Use only authorised attachments/accessories. Do not service this product yourself. Contact our qualified servicing personnel for servicing or repairs.

Specifications

Little Smasher (LS01)

| | |
|----------------------|----------------------------------|
| Input Impedance: | 1M Ω m |
| Nominal Input Level: | -10dBu |
| Output Load: | 4-16 Ω ms |
| Output Power: | 5W RMS clean (before distortion) |
| Nominal Input Power: | 9V DC @ 600 mA |
| Dimensions: | 43mm(H) x 120mm(W) x 86mm(D) |
| Weight: | ~600g |

Micropower9 Power Supply (PS10)

| | |
|------------------------|--|
| Input: | 90-264VAC @ 50-60Hz |
| Output: | 9V DC @ 1,000 mA |
| Efficiency: | ~80% |
| Output Barrel: | 2.1 x 5.5 x 12mm female barrel, centre -ve |
| Dimensions: | 20mm(H) x 44mm(W) x 68mm(D) |
| Weight: | ~200g |
| Protection: | Short circuit and overload protection |
| Operating Temperature: | 0°C to +40°C |
| Storage Temperature: | -40°C to +85°C |
| Approval: | CE, FCC, RoHS and WEEE |

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