

General Overview

Welcome, and many thanks from Indie for choosing our Bassrider 400. The Bassrider 400 is a bass amp combo with many cool features that any bass player will find very usable. Whether you're gigging, recording, practicing or just beginning the Bassrider 400 will deliver the goods.

The Bassrider is a 400 Watts RMS into 8 ohm valve hybrid amp. The combo is fitted with a Celestion BL15-400 8 Ohm 15" bass driver and also an 8 Ohm 200 Watt 1" HF driver. The HF driver can be attenuated via a switch on the rear panel with 3 different settings. Standard (0dB), Padded (-6dB) or Disabled.

The cabinet has been designed in such a way that the driver is angled slightly upward, giving the user a far better listening perspective whilst using the amp. There's no longer any need to seek out an old beer crate to stand it on, or a stick to lean it back against so you can hear yourself!

The Bassrider 400 can also be configured with extension speaker cabs for bigger venues, or simply more oomph! With the addition of an 8 Ohm cab (minimum handling of 400 Watts RMS) the total output will rise to 600 Watts RMS.

Adding a 4 Ohm cab (minimum handling of 600 Watts RMS) the amp will deliver a huge 800 Watts RMS. Using the built in limiter will ensure a clean, powerful bass sound at very high SPL's.

As mentioned earlier the Bassrider 400 is a hybrid amp utilising a valve preamp stage, allowing the amp to deliver a warm analogue sound. The demise of the valve a few years ago left many amps sounding brittle and unexciting, but over time players, designers and listeners have all agreed that there simply is no substitute for a valve amp.

So Indie decided to incorporate an 'old school' valve front end into the Bassrider 400 thus allowing the natural tone and yumminess (if that's a word?) of an analogue instrument to shine through. The valve preamp accurately reproduces and very often can beautifully emphasise the second harmonics and further overtones that transistor amps nearly always fail to capture. And additionally, when driven a bit harder that natural valve compression and clipping adds even more punch and grit.

The Bassrider 400 truly is a hybrid amp, combining classic valve technology and tone with modern controls and features. Designed by musicians not laboratory technicians, it's built to last and is simple to use. We at Indie sincerely hope you enjoy playing, using and owning it as much as we did designing, building and testing it.

Many thanks, from Indie.

BASSRIDER 400

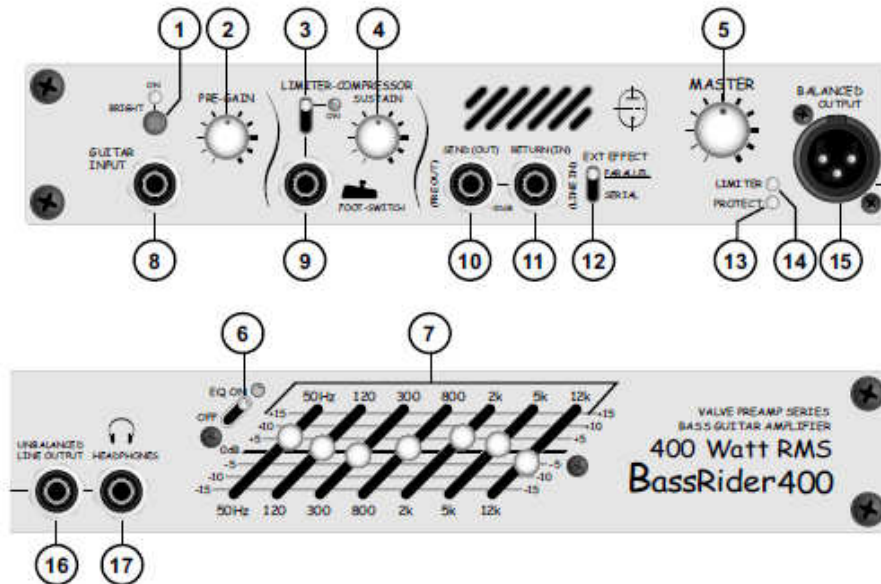
Indie

Bass Guitar Amplifier
Combo 15" + HF 1"

INSTRUCTION MANUAL



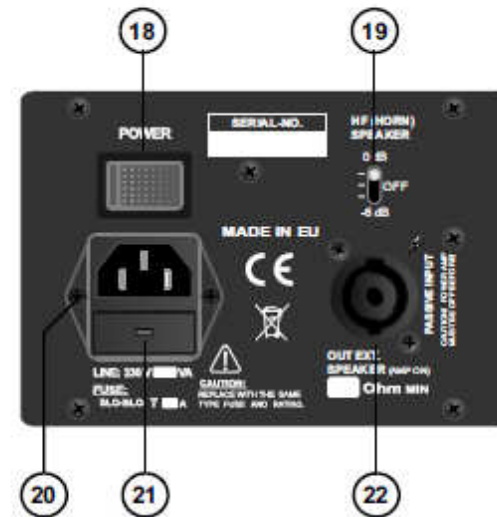
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Operating Controls And Connections

- Bright Switch.** Adds a HF curve to the input to brighten up your instrument.
- Pre Gain Control.** Use this control to correctly adjust your own personal gain structure into the preamp. Experiment, you can go from clean to crunchy here using the preamp valve stage.
- Limiter/Compressor Switch.** Adds punch and tightness. Used correctly it will allow the amp to deliver a more consistent volume and velocity with less peaks, and therefore less chance of clipping.
- Sustain Control.** Adjusts the ratio between the input and output of the compressor. The higher the ratio the more compression is effectively applied.
- Master Volume.** Controls the overall output volume of the amp.
- Equaliser on/off Switch.** Engages or disengages the Graphic Equaliser.
- Graphic Equaliser.** A 7-band cut/boost EQ allowing you to sculpt and customise your own sound.
- Instrument Input.** Plug it in here!!
- Limiter/Compressor Footswitch Socket.** To use the supplied footswitch to engage or disengage the on board Limiter/Compressor, plug it in here!!

- External FX Send.** Go OUT of here INTO your external FX set up.
- External FX Return.** Go OUT of your external FX set up back INTO here, to complete the circuit.
- External FX Mode Switch.** The external FX loop can be configured in 2 different modes. **Serial Loop**, where all of the signal is sent to your external FX set up, giving you the option to use your FX units to balance the 'wet/dry mix'. Or **Parallel Loop**, where the signal is split and sent equally to your external FX set up and straight through the amp. When using this mode we suggest that you have your external FX set up as 'wet mix' only.
- Protection Circuit Active LED.** When this little fella flashes it's telling you that you're driving the amp a bit too hard, and the Protection Circuit is being activated.
- Limiter Circuit Active LED.** This little lamp flashes when the power amp section reaches maximum output.
- Balanced Output.** A balanced XLR output which should be deployed when using the amp for DI'ing into maybe a P.A., or a recording console.
- Unbalanced Line Out.** A 1/4" mono jack socket supplying a full range output, pre power amp. One use for this would be to drive additional power amps, should more amplification ever be needed.



- Headphone Output.** Plug your headphones in here so you can practice without destroying your house. Plugging into here mutes the speaker output, and also the unbalanced line output.

WARNING. Please be sensible when using headphones. Prolonged use at high volumes can seriously damage your hearing. Please take regular breaks, and keep the volume down a little bit.

- Power Switch.** Just use it sensibly. Set it to On when playing, and to Off when sleeping!!
- HF Speaker Switch.** Used to attenuate the HF driver 'mix'. Settings are Standard (0dB), Padded (-6dB) or Disabled.
- Mains Input Socket.** (230-240V ~ 50 Hz only). Use the supplied mains cable, plug the IEC end in here, and the other end into your house, studio or stage.
- Fuse.** The mains fuse is situated here, rated at 6.3 Amps.
- External Extension Speaker Output.** This is a 'Speakon' socket for connecting additional extension speaker cabs, as detailed earlier.

Technical Specifications

Instrument in.

1/4" mono jack. Input impedance 680k Ohms.

External FX return.

1/4" mono jack. Input impedance 47k Ohms.

Line out.

Unbalanced. 1/4" mono jack.

Balanced. XLR connector.

Headphone.

1/4" stereo jack.

External FX send.

1/4" mono jack.

Graphic Equaliser.

7 band analogue mono.

+/- 15dB @ 50Hz, 120Hz, 300Hz, 800Hz, 2kHz, 5kHz, 12kHz.

Power amp.

400 Watts RMS into 8 Ohms.

600 Watts RMS into 8 Ohms plus an 8 Ohm additional extension cab.

800 Watts RMS into 8 Ohms plus a 4 Ohm additional extension cab.

Combo speakers.

1 x Celestion BL15-400 15" 8 Ohm 400 Watt RMS bass driver.

1 x 1" 8 Ohm 200 Watt RMS HF driver.

Power supply.

Mains voltage. 230-240V ~ 50 Hz only.

Fuse. 6.3 Amps.

Standard IEC connector.

External dimensions.

W 535 mm. H 730 mm. D 440 mm.

(or for older people, W 21.06". H 28.75". D 13.32").

Weight.

37Kg.

(or for older people, 81.57lbs.)