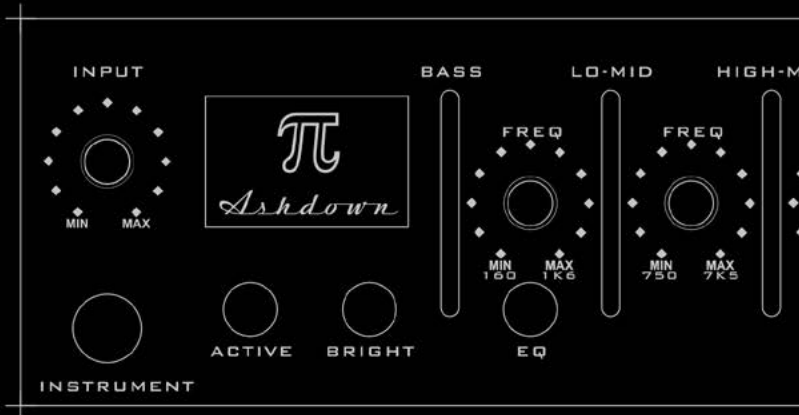




# USER MANUAL

• **PIBASS-240**





## **THANK YOU**

Thank you for purchasing your Ashdown Engineering Amplifier and welcome to the family! We really think you've made the right choice and know that this amplifier will give you years of great tone and service. It is a machine though and needs to be looked after, please read through this user manual which will help you get the most out of your new Amp and keep it running as long as some of our happiest and very famous customers.

## **REGISTER ONLINE**

Please register this product online so we can make sure we give you years of customer support through our friendly in-house service centre.

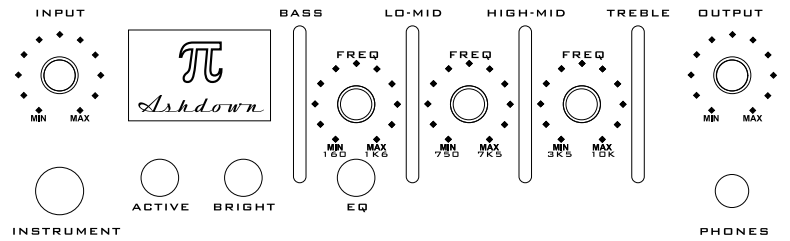
Here is where you need to visit to register your product:  
<http://ashdownmusic.com/support/register/>

### **PiBass Demo Video:**



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

## FRONT PANEL:



### INPUT

A single input jack socket is provided for your instrument. This is a high impedance input designed to perfectly match the impedance of the pick-ups on a passive bass. It also has sufficient headroom available to allow active basses to be used. Use the input gain control to adjust for the sensitivity of your instrument.

### ACTIVE

This enables an input pad for active instruments.

### BRIGHT

The bright function is permanently set to 'Bright' giving the tone a high end lift pre EQ. Pushed in the 'Bright' button dulls the sound for a more vintage tone pre EQ.

### E.Q.

The main EQ controls consist of a shelving, +/- 15dB BASS control, a variable frequency +/- 15dB shelving TREBLE control with a variable range from 3.5kHz to 10kHz, and two semi parametric +/- 15dB - MID controls, each with a 1 octave bandwidth covering frequencies from 180Hz to 1.6kHz and 750Hz to 7.5kHz respectively for adjusting the LO-MID and HI-MID sound components.

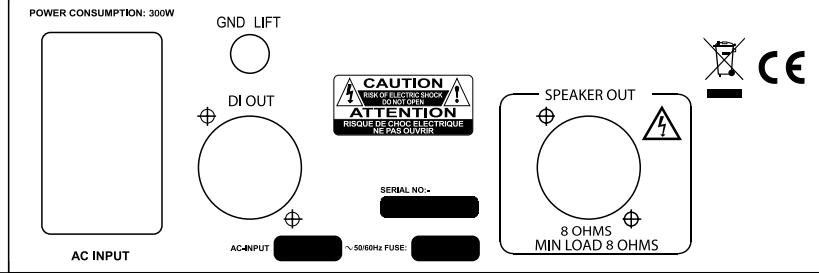
These controls work together as follows:- there are four slider controls used to boost or cut each frequency range by up to 15dB. To the left of the LO-MID, HI-MID and TREBLE sliders are rotary controls marked FREQ-HZ. These are used to select the frequency at which the sliders boost or cut the signal.

These EQ facilities can be used in a number of ways - the BASS slider will boost and cut all frequencies below 100Hz - the TREBLE slider will boost and cut the highest frequencies above the range set by its FREQ-HZ control.

The effect of both the BASS and TREBLE sliders can be further modified by the setting of the HI-MID and LO-MID controls, for instance if the HI-MID frequency is set to beyond 3.5kHz and this frequency range boosted using the slider then this will add further to the high frequency lift provided by the TREBLE control. Similarly the BASS will be affected if the LO-MID frequency is set to its lowest range. This can be a useful way of further enhancing the upper and lower frequencies or for making fine adjustments to these.

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## BACK PANEL:



However where the LO-MID and HI-MID controls really start to perform their magic is when their FREQ-EQ controls are set to somewhere within the centre of their ranges and the selected frequencies either boosted or cut. This can produce some unique sound shapes that are very useable. Experiment with this and see what you discover, remember that sometimes cutting the signal at a particular centre frequency can produce just as useful sounds as boosting. An example of this is the SHAPE facility that boosts the High and Low frequencies and also introduces a Cut in the Mid frequencies. More is not always better when it comes to sound sculpturing for bass.

### OUTPUT

Use the output level control to adjust the playing volume of the amplifier.

### HEADPHONES

A headphone jack socket is provided to allow stereo headphones to be plugged into the amplifier for silent practice. This cuts out the main speaker when a jack plug is inserted.

### DIRECT INJECT (D.I.)

A balanced D.I. Is provided on the rear panel XLR socket. This provides a post E.Q. Post effects signal. The output signal from this XLR socket is set to a level and impedance suitable for connecting directly into a balanced microphone input of a mixing desk for either direct injection into the pa system or for recording. Also there is a ground lift on the DI to get rid of any unwanted mains hum.

### FUSED MAINS INLET SOCKET

This is for connection of the unit to your countries mains power supply. Please ensure that the type and rating of mains fuse marked on the rear panel is used when this is replaced. ON/OFF MAINS SWITCH - Using the mains cable supplied the amplifier may be connected to the correct voltage mains supply, Once this is done turn the power to the MiBass 2.0 on by using the rear panel ON/OFF switch. POWER ON is indicated by illumination of the BLUE LINE Logo on the front of the amp.

### SPEAKER OUTPUT

ONE SPEAKER OUTPUT is provided on SPEAKON/JACK connection socket that is able to handle the high powers produced by these amplifiers. 8 Ohm Min Load.

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**SPECIFICATIONS**

**INPUTS**

Passive Input Impedance - 1M Ohms Level 150mV to 10V p-p  
Active Input Impedance - 10K Ohms Level 300mV to 20V p-p

**OUTPUTS**

D.I.Output 600 Ohms Balanced Level -20dBu Nominal  
Headphone 32 Ohms

**Speaker Outputs 240 Watt** Minimum Impedance 8 Ohms

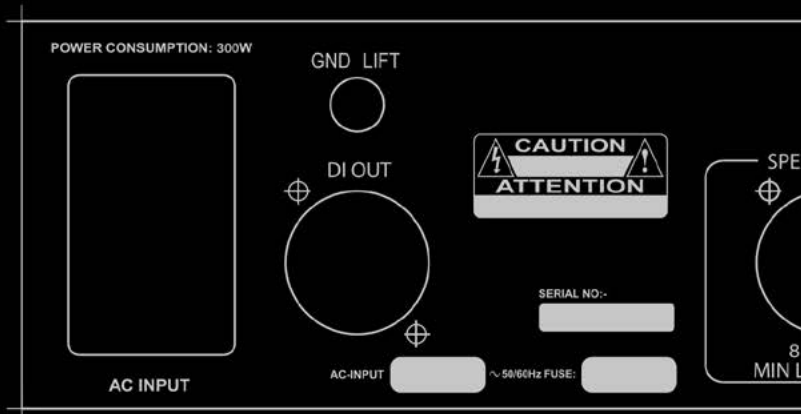
**Please note:-** Output power into 8 Ohms will be FULL POWER.

**Frequency response** -3dB @ 20Hz and 25kHz

**EQUALISATION**

Bass +/- 15dB - 100Hz Shelving  
Lo-Mid +/- 15dB - Frequency 180Hz to 1.6kHz Q = 1 Octave  
Hi-Mid +/- 15dB - Frequency 750Hz to 7.5kHz Q = 1 Octave  
Treble +/- 15dB - Frequency 3.5kHz to 10kHz Shelving  
Signal to Noise Better than 80dB (EQ Flat)  
Distortion Less than 0.5% THD

**Size & Weight** W = 193mm D = 175mm H = 68mm Weight = 1.5Kgs



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

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