



# USER MANUAL

Retroslide - 800H



## THANK YOU

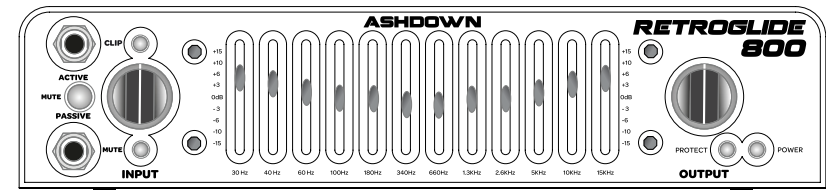
Thank you for purchasing your Ashdown Engineering Amplifier and welcome to the family! We really think you've made the right choice and know that this amplifier will give you years of great tone and service. It is a machine though and needs to be looked after, please read through this user manual which 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://www.ashdownmusic.com/register>

## Retroglide 800H - Front Panel Facilities



**INPUTS** - There are two instrument inputs provided for **PASSIVE/ACTIVE** instruments. The **Passive** input is high sensitivity and also high impedance to suit the output from **PASSIVE** basses. The **Active** input is low sensitivity and lower impedance to suit the output from **ACTIVE** basses.

**INPUT CONTROL** - The **INPUT** control sets the signal level through the preamp. Please note that the setting of this may have to be re-adjusted after modification of the EQ controls. **Clip** light and **Mute** switch/light provided for visual monitoring.

**GRAPHIC EQUALISER**  
The **GRAPHIC EQUALISER** section operates by boosting or cutting the level of signal at various frequency points throughout the frequency range. With the sliders set on 0dB (in their centre 'click' position ) no alteration is made to the signal. Moving any one of the sliders up will increase or 'boost' the signal at the frequency marked below the slider. Moving the slider down will decrease or 'cut' the signal at that frequency.

A carefully designed **GRAPHIC EQUALISER** is a very flexible way of varying the sound of a bass guitar and if properly used will provide an extremely powerful method of tone shaping for your instrument.

Because of the flexibility and massive **BOOST** and **CUT** potential of this particular **GRAPHIC** it is important to know how to get the best from it. Firstly a few things not to do and the reasons why:

**1.** Do not boost or cut all frequency bands as this will have the same effect as increasing or decreasing the overall volume level without affecting the tonal characteristic of the sound.

**2.** Do not use excessive bottom (30 to 40Hz) boost on the graphic unless your speakers can handle it. Very few speaker systems are capable of handling frequencies as low as 30 and 40Hz with any degree of efficiency. N.B. Boosting at 30Hz for instance will not add to the perceived amount of bottom end in the sound, it will only make your speakers flap to no useful effect. In fact boosting at 100Hz or 180Hz will have the apparent effect of adding far more bottom end than boosting at 30, 40 or even 60Hz.

**3.** Do not use excessive top (10 to 15kHz) boost, this will add mostly hiss to the sound as there is very little signal output at this frequency from a bass.

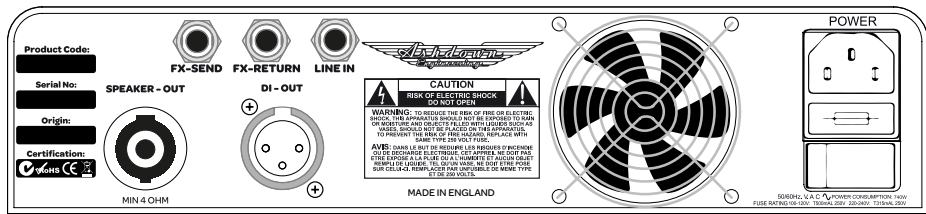
The 30Hz slider has been provided to allow precise tailoring at very low frequencies. This slider should be used to **CUT** (not **Boost**) the 30Hz to a level that allows the speaker system to work at its maximum efficiency.

**OUTPUT LEVEL**  
The **OUTPUT LEVEL** control is used to set the stage volume of the amplifier. Use this control to adjust for increases or decreases in your playing volume and not the **INPUT GAIN** control, this should always be left set to the optimum for your instrument.





## Retroglide 800H - Rear Panel Facilities



**LINE INPUT** - The rear panel has a Line Input socket for connection of other signal sources into the system. This can be used for plugging a CD, Tape or MP3 player into the amplifier for practising, rehearsing or for connection of a second pre-amp into the system.

**EFFECTS SEND / RETURN** - A series effects loop is provided at a level of 0dB. The EFFECTS SEND socket can also be used as a Line Out socket if required as the signal path through the preamp is only broken when a jack plug is inserted into the EFFECTS RETURN socket.

The **EFFECTS SEND** is situated after the EQ.

**SPEAKER OUTPUT** - The Speaker Output sockets are also situated on the rear panel of the unit. You can either use Speakons or Jack Speaker cables to connect to your cabinet.

**DI**  
The DI or DIRECT INJECT socket is a balanced, low impedance XLR output intended for connection into the Microphone Input on one channel of a mixing desk.

This is to carry the signal to the P.A. system for larger gigs. It is balanced and low impedance to ensure that no noise is added to the signal on the way to the mixer. The level of this signal has been set to be similar to that from a microphone so that it will work without overloading the input on a desk that has no input Pad switch.

The signal connections are as follows: Pin 2 = Signal +, Pin 3 = Signal -.

## SPECIFICATIONS

### INPUTS

High Input  
Low Input  
Line Input  
Effects Return

Impedance 3.9M Ohms  
Impedance 10K Ohms  
Impedance 22K Ohms  
Impedance 22K Ohms

Input range 150mV to 20V p-p  
Input range 300mV to 40V p-p  
Input level 0dBu nominal  
Input level 0dBu nominal

### OUTPUTS

Effects Send  
D.I. Output

Impedance 22K Ohms  
600 Ohms balanced

Level 0dBu nominal  
Level -20dBu nominal

### EQUALISATION

Slider 1 +/-15dB @ 30Hz  
Slider 2 +/-15dB @ 40Hz  
Slider 3 +/-15dB @ 60Hz  
Slider 4 +/-15dB @ 100Hz  
Slider 5 +/-15dB @ 180Hz  
Slider 6 +/-15dB @ 340Hz  
Slider 7 +/-15dB @ 660Hz  
Slider 8 +/-15dB @ 1.3kHz  
Slider 9 +/-15dB @ 2.6kHz  
Slider 10 +/-15dB @ 5kHz  
Slider 11 +/-15dB @ 10kHz  
Slider 12 +/-15dB @ 15kHz

Frequency Response

-3dB at 17Hz and 22KHz

Speaker Outputs

Minimum impedance 4 Ohms

Output Power

720 watts into 4 ohms 1400W Peak

Power Consumption

1400 Watts Max (6.5 Amps - 220vac @ 50hz)





### Retroglide 800H - Suggested Rigs

### NOTES -



We recommend using Neutrik speakon cables to connect your Ashdown Retroglide 800 to your selected cabinet.

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