



USER MANUAL

Woodsman Acoustics



THANK YOU

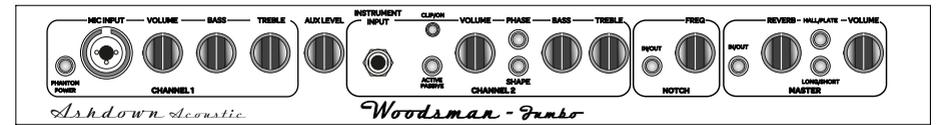
Thank you for purchasing your Ashdown Engineering Amplifier and welcome to the family! We really think you've made the right choice and know that this amplifier will give you years of great tone and service. It is a machine though and needs to be looked after, please read through this user manual which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

WOODSMAN - Jumbo - Front Panel



INPUTS

The Jumbo is a twin channel unit. Channel 1 is for microphone on either jack or XLR inputs, while Channel 2 works for acoustic instrument inputs. The two channels allow both mic and pick-up inputs to be mixed together to give the best possible sound for the acoustic guitar. Alternatively one channel can be used for the guitar and the other for a vocal mic to form a mini PA system.

ACTIVE/PIEZO SWITCH

The Active / Piezo switch allows channel 2 input to be set for active guitars (those with a built-in preamp) or passive / piezo instruments where a higher input level and impedance would be required.

PHANTOM POWER

This can be switched in to apply a Phantom Power voltage to channel 1 input. This is only for use with suitable capacitor microphones. Do not switch this in for any other type of input to channel 1.

VOLUME

Once you have set your instrument to the required Eq settings on both the amplifier and the instrument you should then set the VOLUME to the most efficient level to optimise signal to noise ratio. The optimum level is when the input level LED is indicating GREEN most of the time for normal playing, with occasional peaks flashing RED.

SHAPE IN / OUT

This switch introduces a natural pre-shape to the sound of channel 1 adding a bass boost, a mid cut and a treble boost that suits both strumming and finger picking styles of playing. These controls can boost or cut the amount of Treble and Bass of the unit. In their centre position (12 o'clock) they have no effect i.e. the EQ is flat.

PHASE

This switch reverses the Phase of the signal through the amplifier and is used to help eliminate standing wave feedback. As such it is very dependent upon the position of the player relative to the amplifier. If feedback is occurring try altering the setting of this switch to cancel out the standing wave between you and the amplifier.

NOTCH FREQUENCY

The Jumbo has a single Notch filter applied to channel 2. This can be switched in and adjusted to eliminate 'body resonance' feedback of the instrument at higher playing levels. Adjust the Notch Frequency until the body resonance reduces - this will be the optimum position for the instrument. This Notch has a fixed 'Q' that has been optimised for acoustic guitar.

REVERB

Reverb can be added to the sound of the acoustic instrument to make it sound more vibrant and alive. It simulates the sound of the instrument being played in various acoustic environments. The level of reverb to direct sound can be adjusted using the Level control. Switches have been provided to select between Long and Short decay characteristics of both Hall and Plate reverbs. The reverb is situated after the Effects Return and as such can be added to other effects connected via these sockets. When switched in, reverb is added to both channel 1 and 2.

AUX

The LINE IN jack socket (located at the rear) can be used for any line level signal such as that from another pre-amplifier, CD, MP3 etc. There is a AUX LEVEL pot control on the front panel of the amp to set the output level of the line input.

WOODSMAN - Jumbo - Rear Panels



EFFECTS SEND / RETURN

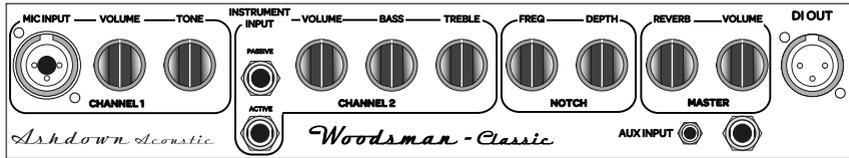
The EFFECTS SEND/RETURN facility is a serial effects loop and is situated after the EQ controls and SHAPE switch but before the internal reverb. In this way it is possible to add the internal reverb to the sound returned from any external effects being used.

BALANCED D.I. XLR

The D.I. XLR socket is a balanced output for Direct Injection or connection to a low impedance microphone input on a mixing console. This can be used either for recording purposes or for connection to a PA system for live performance.



WOODSMAN - Classic - Front Panel



INPUTS

The Classic is a twin channel unit. Channel 1 is for microphone on either jack or XLR inputs, while Channel 2 works for acoustic instrument inputs. The two channels allow both mic and pick-up inputs to be mixed together to give the best possible sound for the acoustic guitar. Alternatively one channel can be used for the guitar and the other for a vocal mic to form a mini PA system.

ACTIVE & PASSIVE INPUTS

The Active input allows channel 2 input to be set for active guitars (those with a built-in preamp). A Passive input provides passive / piezo instruments where a higher input level and impedance would be required.

VOLUME

Once you have set your instrument to the required Eq settings on both the amplifier and the instrument you should then set the VOLUME to the most efficient level to optimise signal to noise ratio.

NOTCH FREQUENCY

The Classic has a single Notch filter applied to channel 2. This can be switched in and adjusted to eliminate 'body resonance' feedback of the instrument at higher playing levels. Adjust the Notch Frequency until the body resonance reduces - this will be the optimum position for the instrument. This Notch has a fixed 'Q' that has been optimised for acoustic guitar.

REVERB

Reverb can be added to the sound of the acoustic instrument to make it sound more vibrant and alive. It simulates the sound of the instrument being played in various acoustic environments. The level of reverb to direct sound can be adjusted using the Level control.

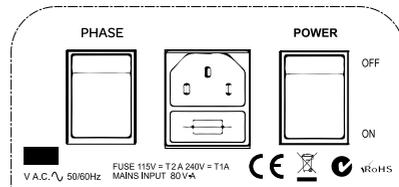
AUX

The LINE IN jack socket (located on the front) can be used for any line level signal such as that from another pre-amplifier, CD, MP3 etc. There is a AUX LEVEL pot control on the front panel of the amp to set the output level of the line input.

BALANCED D.I. XLR

The D.I. XLR socket is a balanced output for Direct Injection or connection to a low impedance microphone input on a mixing console. This can be used either for recording purposes or for connection to a PA system for live performance.

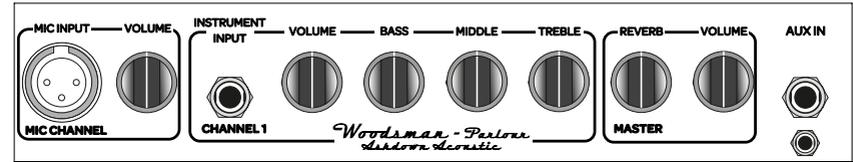
WOODSMAN - Classic - Rear Panel



PHASE

This switch reverses the Phase of the signal through the amplifier and is used to help eliminate standing wave feedback. As such it is very dependent upon the position of the player relative to the amplifier. If feedback is occurring try altering the setting of this switch to cancel.

WOODSMAN - Parlour - Front Panel



INPUTS

The Parlour is a twin channel unit. Channel 1 is for microphone on an XLR input, while Channel 2 works for acoustic instrument Jack inputs. The two channels allow both mic and pick-up inputs to be mixed together to give the best possible sound for the acoustic guitar. Alternatively one channel can be used for the guitar and the other for a vocal mic to form a mini PA system.

EQ

These controls can boost or cut the amount of Treble Middle and Bass of the unit. In their centre position (12 o'clock) they have no effect i.e. the EQ is flat.

VOLUME

Once you have set your instrument to the required Eq settings on both the amplifier and the instrument you should then set the VOLUME to the most efficient level to optimise signal to noise ratio.

REVERB

Reverb can be added to the sound of the acoustic instrument to make it sound more vibrant and alive. It simulates the sound of the instrument being played in various acoustic environments. The level of reverb to direct sound can be adjusted using the Level control.

AUX

The LINE IN jack socket (located on the top) can be used for any line level signal such as that from another pre-amplifier, CD, MP3 etc.

WOODSMAN - Parlour - Rear Panel





SPECIFICATIONS

INPUTS

Active Input	Impedance 10K Ohms	Input range 150mV to 10V p-p
Passive Input	Impedance 3.9M Ohms	Input range 300mV to 20V p-p
XLR & Jack	Impedance 600 Ohms bal.	Level -20dB to 0dB
Effects Return	Impedance 47K Ohms	Input level 0dBu nominal

OUTPUTS

Effects Send	Impedance 22K Ohms	Level 0dBu nominal
D.I. Output	600 Ohms balanced	Level -20dBu nominal

EQUALISATION

Shape (Push Flat)	+8dB @ 50Hz & 4kHz, -8dB @ 400Hz, filter slope - 6dB/octave
Bass	+/-15dB @ 100Hz
Treble	+/-15dB @ 10kHz shelving
Frequency Response	-3dB at 28Hz and 28KHz
Notch	Frequency 70 to 250Hz 'Q' = 5
Output Power	Jumbo - 65w - Classic - 40w - Parlour - 25w

NOTES -





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