



CTM-30-LITTLE STUBBY

USER MANUAL



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

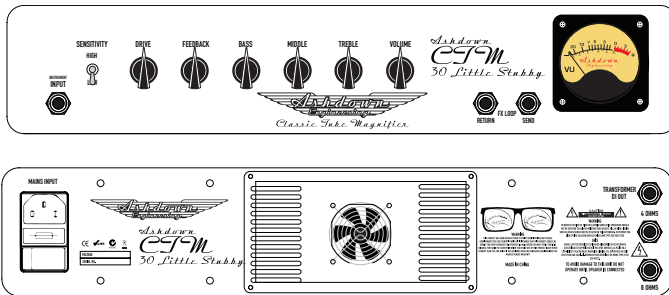
Please register this product online so we can make sure we give you years of customer support through our friendly in-house service centre.

Here is where you need to visit to register your product:

<http://www.ashdownmusic.com/pages/register-your-product>

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Weight - 12Kgs - 26lbs

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Instrument Input

There is one instrument input, with a Sensitivity switch. The high sensitivity toggle is a high impedance toggle to suit passive bass instruments. The Low sensitivity toggle has an impedance to accurately match the signal from active bass instruments i.e. Those with a built in battery powered pre-amp.

Drive

This works as a gain control from crystal clear tones through to full bore rich harmonic distortion... A little can go a long way...

Feedback

The feedback control alters the slope of the lower frequencies in the bass control section.

Bass, Middle & Treble Passive EQ

This consists of bass, middle and treble controls with a vastly enhanced range of over 40dB at full output.

Volume

The output control adjusts the overall level of the amplifier. Adjust this for your preferred overall stage playing volume.

VU Meter

The VU meter provided on the front panel gives you a visual display of output of the amp as its being played. This can be used to ensure clean headroom or for something a little more aggressive....

Effects send/return

A tube driven and recovered effects loop is provided, this is situated between the preamplifier and power amplifier ahead of the master volume, The signal level is suitable for driving a wide range of effects pedals , the level present being entirely dependent on the level of pre gain being used. Only effects should be used in this loop.

D.I.

A DI is provided on the rear panel , connection is made via a TRS type jack socket .This is transformer derived from the output and as such will have all the adjustments made with the tone controls , all effects in use and some influence from the speaker in use.The level obtained is dependent on playing volume. But as a general rule is suitable for line level (0,775V).

The DI is totally isolated and as such may be used as a line out (note a TRS jack MUST be used and you can obtain an in phase or out of phase signal) Note That the amplifier must always have a Load connected. This can be a speaker or a load box for silent recording.

Speaker Outputs

Two speaker output sockets are provided at an impedance of 8 or 4 ohms only ONE must be used at any one time , the socket being chosen to match the impedance of the cabinet combination in use at the time.

Note That the amplifier MUST ALWAYS have a Load connected. This can be a speaker or a load box for silent recording.

MAINS

The amplifier is fitted with a standard IEC connector and supplied IEC lead correct for the country in which you reside.

The Preset input VOLTAGE is shown on the rear panel together with fuse ratings.

WARNING!

This product has been manufactured according to specific specifications with regard to supply voltage requirements that are applicable to the country in which it is intended that this product be used.

If you have purchased this product via the internet or mail order you must verify that this product is intended to be used in the country in which you reside.

The use of this product in any other country other than that for which it is intended could be dangerous and invalidate the manufactures warranty.

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Inputs

High sens Nominal 100mV @1Mohms Impedance (Suitable for passive instruments)

Low sens Nominal 300mV @ 22k impedance (suitable for Active instruments)

Effects Loop

Valve driven effects loop, Valve recovered Nominal 225mV

DI Output

Transformer generated signal from the amplifier output level dependant on playing volume suitable for connection @ line level via TRS jack to XLR. ISOLATED GROUND

Equalisation

Totally PASSIVE eq circuit Bass , Middle and Treble controls , Range Zero to full output on all 3 bands (dependant on volume setting).

Feedback control alters the slope of the lower bass filters and affects the extension of the lower bass frequencies.

Power Amplifier

All Valve design featuring a fully floating paraphrase inverter, 4 x EL84 power tubes with individual self biasing, and Zero negative feedback for a self limiting open loop response and a good sensitivity to the speakers in use.

Output power 30 watts continuous average into 4 or 8 ohms.

Valve complement:

1 x ECC81

1 X ECC82

2 x ECC83

4 X EL84



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