

BluesBaby:22 & 45 - Power Limiting Upgrade

Session's 'Power Limiting' is a facility which can be built into BluesBaby to provide output limiting of the amp's power amplifier that drives the speaker.

In this case, BluesBaby's output power can be regulated by an optional switch which reduces the amp's maximum output to about 4-5 Watts. This means distortion will occur at that lower power level, instead of the 22 or 45 Watts the amps are rated at.

Of course, any player could set up distortion using the preamp's DRIVE control and then use the MASTER to set the required output level. But there is no indication of how loud anyone is playing!

Some players 'feel' their amp is 'too powerful' for many smaller gigs... so they would like some kind of built in 'automatic power limiting' to provide an audible indication as to when the amp has reached a given 'reasonable' output. This can be done by introducing distortion into the sound... just as a 4 or 5 Watt amp would do. That chosen power level is still quite loud and is perfectly suitable for many smaller venue performances. In certain situations even a 10-15 Watt amp can be far too loud!

Other players like the idea of owning a low powered amp that produces 'post EQ' style distortion or 'on-the-edge' vibe, like many of the older players from the sixties and seventies, but at a sensible volume.

'Post EQ distortion' can create greater or lesser amounts of 'low end' distortion depending on the level the amp's BASS control is set to. Likewise, it can be used to 'determine' whether the treble or bass frequencies distort first. Use of this facility requires an amount of skill to be learned by the player in setting the Treble, Middle and Bass controls. But creative use can produce some amazingly colourful and subtle changes to the amp's sounds... especially in the studio!

Please do not get the idea that it is designed to give maximum 'grunge factor' during domestic practise sessions... it **WILL** still be far too loud for that purpose. For that use, the output power would need to be around 0.5 to 1 Watt.

The '**Power Limiting**' switch is located on the amp's rear panel and labelled as such. It cannot be made foot switchable.

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