

EBS Dynaverb

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If you are shopping for a reverb with 128 MIDI-controllable parameters, with lots of user memories and be able to fine tune parameters i.e. pre-delay, diffusion, reverb density - well, then EBS's DynaVerb is not for you.

We are talking about how to set up an excellent reverb sound instantly, at a reasonable price.

With a quick look at the picture, you immediately recognize that there are not many controls to modify and my first thought was: "How do you adjust the reverb time/length?"

There are just two knobs and two three-way switches. The REVERB-knob adjusts the amount of reverb while the TONE-knob changes at which frequency a low pass filter will remove treble frequencies.

That is different from how the tone control on an instrument works, where it cuts treble at a different amount at a fixed frequency.

With the upper switch, you choose the mode of reverb - Hall, Plate, and Room, while the second switch toggle between three variations of each reverb mode, with the exception of Hall, with only two settings.

In all, that gives eight different presets where the reason for the "unused ninth setting" is that the logic circuits uses binary code (i.e. a multiple of 2).

The DynaVerb pedal is EBS' first digital effects



pedal, utilizing 24-bit processing with a 48 kHz sampling frequency. It works in real stereo and maintains an incoming stereo signal's pan position.

The effect is housed in a steel chassis, and can be powered either from a nine-volt battery or by an adapter. The sturdy on/off switch is made of metal and a blue LED indicator show the effect's status.

The [construction of the] input stage makes it possible to use the effect with a mixer, if you remove the bottom plate there are two circuit boards with small micro switches for cut out the clean signal.

With this approach, reverb depth can be operated from the mixer's aux send/return connections.

IN USE

The few knobs on the DynaVerb make it extremely easy to operate: choose the reverb type, adjust the amount of reverb, and maybe [you would like to] remove some treble. It cannot get much easier than this.

Instead of [a lot of] parameters and knobs, you get a high-quality reverb and well-defined presets. It sounds good even if you use the low registers or jump on a distortion pedal.

The three varied Room reverb-presets use slightly different lengths and equalizer settings. They make a sound larger, without losing the focus. They are perfect if you do not want too much reverb.

The Plate reverb setting is better if you are looking for a traditional reverb sound for playing melody/solo lines on a fretless bass.

These presets also differ in length and equalizer [settings], and I was really surprised by the many variations in sound, using the tone control knob.

When decreased it not only reduces the treble but you also perceive a reduction of the reverb effect.

The two Hall presets are long reverbs that only fit when there is a lot of space in the overall sound. One is slightly warmer while the second opens up the sound.

I am always curious so I tried out the Dynaverb in my small home studio and it didn't take long to establish that it works much better than expected.

The sound quality is excellent and the pedal is a dream to use if you are the impatient kind who

wants to make music instead of getting lost in a parameter maze.

CONCLUSION

The EBS DynaVerb is a reverb [effect] for you if you want to "plug-and-play" but also wants a first rate sound quality and an input [stage] that can handle a powerful low end signal.

The preset programs are well designed and can be used in many playing situations. The controls work well and the tone control-knob changes the sound characteristics more than one can think.

The handy format makes it a straightforward alternative to rack mounted reverb effects and although the DynaVerb is designed for use with instruments, it works very well in the home studio.

Similar products:

Zoom 506 Bass (mm 11-97)

Korg ToneWorks Pandora PX3B (mm 6-00)

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Excellent sound quality

Sounds and hardware are first rate

Possible to use without the direct/unaffected signal

Easy to use

Not too many functions

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Not too many functions

Hardfacts

TYPE	Digital reverb
SAMPLING FREQUENCY	48 kHz
INPUT LEVEL	-8 dBv
PROGRAM PRESETS:	3 Room - 3 Plate - 2 Hall
KNOBS	Reverb, Tone (low pass filter, 1-20 kHz)
FREQUENCY RESPONSE	20 Hz-20 kHz
LxWxD	70 x 115 x 35 mm

