



## THANK YOU FOR PURCHASING THE EBS OCTABASS - STUDIO EDITION PEDAL!

*The EBS OctaBass analog octave divider creates a single note one octave below the pitch of the played note, adding a new dimension to your sound. The incredibly fast tracking allows rapid playing techniques to be accurately reproduced. The pedal also recognizes two or three-note chords with the OctaBass triggering on only the lowest note. With the mode selector switch you choose the correct setting for different instruments, from guitar to piccolo to 6-stringed basses.*

*We hope you'll enjoy using your EBS OctaBass pedal.*

*/The EBS Team*



Visit [EBSSWEDEN.COM](http://EBSSWEDEN.COM)  
for info on all EBS effects,  
amps and accessories.



## THE CONTROLS

NORMAL



**NORMAL** Controls the mix volume for the original "bypassed" sound, from 0% (off) to 100% (max).

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OCTAVE



**OCTAVE** Sets the amount for the octave divided signal, from 0% (off) to 100% (max).

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RANGE



**HIGH** - This position gives the most synthesized sound character, useful for rapidly changing tonal character. Performs very well on guitar, piccolo bass and other instruments.

**MID** - The classic octave divider by EBS. Simply the standard to which all others are compared. For 4,5 and 6 string basses.

**LOW** - This position adds extra smooth sub-bass to your sound. This position is suitable when you wish to add those extra low harmonics without altering your basic sound character.

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**INDICATOR LED** Indicates when the pedal is active.

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**FOOT SWITCH** Switches the pedal on or off.

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## POWER OPTIONS



**DC POWER ADAPTOR** For environmental reasons, we recommend the use of a DC Power Supply, such as the *EBS AD-9+*. The EBS OctaBass Studio Edition handles 9-12 V DC, and require a 2.1 mm pin center negative type of connector.



**BATTERY** This pedal can run on battery (not included). To place a battery in the pedal follow these steps.

- 1) Remove the four screws holding the bottom plate.
- 2) Carefully remove the bottom plate.
- 3) Place a 9V alkaline type; 6LR61 in the battery holder.
- 4) Gently place back the bottom plate. Attach the four mounting screws using moderate tension.

## HOW TO SET THE SOUND - USEFUL HINTS

*In order to obtain best possible operation from the EBS OctaBass, check the hints below on how to improve and find your own personal sound.*

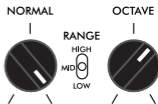
- 1) If you are using more than one pedal, make sure that the OctaBass is one of the first ones plugged in, closest to the instrument.
- 2) Avoid using the effects loop on amplifier. Many amplifiers have the low end cut-off which causes poor triggering.
- 3) If you play an active instrument, you can increase the triggering capability by adding bass on the instrument and later lower the bass on the amp.
- 4) Try to avoid playing open strings. Some instruments could also have a few number of difficult notes, especially on the first frets. This is because some instruments have very high content of overtones which inhibits the triggering of the unit. Try playing these notes on other positions on the fingerboard if nothing else helps.
- 5) If you are the happy owner of an EBS MultiComp compressor pedal, try to put this pedal before the OctaBass. The MultiComp pedal can fix a poor signal from the instrument and improve triggering considerably.

## SAMPLE SOUND SETTINGS

The following examples below show a few of the many sonic possibilities of the EBS OctaBass.

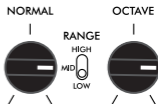
### OCTABASS CLASSIC

This is the classical OctaBass sound setting, as found on previous EBS products. Use high setting for Normal and moderate on Octave for best personal result.



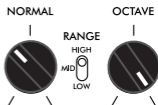
### SUB-BASS OCTAVE

This is a very useful setting for spicing up the low-ends of your sound. The range switch setting makes it possible to add the most rumbling bass sounds ever created. Use a fairly high setting for Octave and balance your sound with Normal.



### SYNTH-TYPE BASS

The most synthesized sounds are all made possible in the High position of the range switch. Useful for solo playing, fill-ins as well useful for other instrument than bass or guitar. (Even more synth-like in combination with an EBS BassIQ set to Down mode).



## TROUBLE SHOOTING GUIDE

*Please consult the following checkpoints, before consulting one of the authorized EBS service centers.*

### Checkpoint

- 1) Does the cable(s) work properly?
- 2) Are the 1/4" plugs properly connected all the way in?
- 3) Are the Instrument cable attached to the Right (input) jack, and the Amp cable connected to the Left (output) jack?
- 4) Does the pedal have a battery, and is the battery OK?
- 5) Does the indicator LED light when pressing the foot switch alternatively?
- 6) Does the instrument work?
- 7) Does the amplifier work and is the volume turned up?
- 8) If you are using a DC adapter, Are you using an EBS AD-9?

### Action if answered NO

- Replace cable(s).
- Push the 1/4" plugs all the way in.
- Reconnect input and output jacks.
- Put a new battery in the pedal.
- Replace/put in battery, or use a DC power supply.
- Check the instrument.
- Turn up volume or check the amp at your nearest EBS service center.
- Check the voltage and polarity of the adapter you are using.

## TECHNICAL SPECIFICATIONS EBS OCTABASS Studio Edition

Nominal Input Level		- 8 dBv
Input Impedance		700 kohms
Dry Bandwidth	+0/-2 dB	20 - 20k Hz
Dry Level	min/max	-∞ / 0 dB
Dry Noise Level		-96 dBv
Octaver Bandwidth	+0/-3 dB	10 - 110 Hz
Octaver Level Gain	min/max	-∞ / 12 dB min
Octaver Filter Slope	18 dB/oct.	Low Pass
Triggering Threshold		-70 dBv @200 Hz
Dimensions	Width	70 mm (2.8")
	Height	115 mm (4.5")
	Depth	35 mm (1.4")
Weight		400g (0.88 lb.)
Power Requirements	9 - 12 V DC Regulated, 30 mA max.	

Protected against accidental over voltage up to 18 V.

*Specifications are subject to change without notice.*

*If you did not find the answer in this manual, please contact EBS at [support@ebssweden.com](mailto:support@ebssweden.com)*