



THANK YOU FOR PURCHASING THE EBS MULTICOMP - STUDIO EDITION PEDAL!

EBS MultiComp is a high performance, analog compressor pedal with a choice between solid state, tube simulation and multi-band compression. With these impressive features the MultiComp makes a good sounding instrument sound even better.

We hope you'll enjoy using your EBS MultiComp pedal.

/The EBS Team



Visit EBSSWEDEN.COM
for info on all EBS effects,
amps and accessories.



THE CONTROLS

ACTIVE/ PASSIVE

Switch

(next to
output
jack)

Set to ACTIVE position if you are playing an active instrument or if you have the pedal connected to an effects loop. If not, set this switch to PASSIVE.

IT IS VERY IMPORTANT THAT THIS SWITCH IS SET CORRECTLY FOR PROPERLY FUNCTION.

COMP/LIMIT



COMP/LIMIT controls the amount of compression, the ratio. The range is from 1:1 (minimum) to 5:1 (maximum position).

GAIN



GAIN controls the output gain of the compressor. Compensate the output level with reference to bypass. You can also use this control to boost your sound.

MODE

TUBESIM

MB

NORMAL



TUBESIM Activates the tube simulator, for extra harmonics and warmth to your sound.

MULTIBAND (MB) Selects the dual band compression. In this mode the bass and treble compressors work independently.

NORMAL Selects a normal one-band compressor action. Moderate setting recommended.

LED INDICATOR Indicates dynamically how the compressor works when active.

FOOT SWITCH Switches the pedal on or off.

POWER OPTIONS



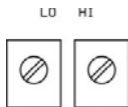
DC POWER ADAPTOR For environmental reasons, we recommend the use of a DC Power Supply, such as the *EBS AD-9+*. The EBS MultiComp Studio Edition handles 9-12 V DC, and require a 2.1 mm pin center negative type of connector.



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.

ADVANCED CONTROL OPTIONS (inside the box)



ADJUSTING THRESHOLD LEVELS. The EBS MultiComp has the feature of fine-tuning the compressor thresholds for both the high and low band compressors independently. The ranges can be set from "off", which bypasses the desired band, up to a relative sensitivity of +6 dB from factory setting. These trimmers are set to 50% (12 o'clock) from factory.

Make sure that the MultiComp operates in MULTIBAND mode when adjusting the threshold levels.

The trimmers are located on the printed circuit board, and are easily accessible by removing the bottom plate. When doing any adjustments, please use a plastic screwdriver, and turn the trimmer gently.

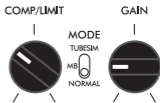
! If you are not 100% sure on how to do this, please consult your nearest service center. Excessive force may result in damage to the unit, and the warranty in that case will be void.

SAMPLE SOUND SETTINGS

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

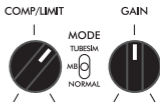
STANDARD COMPRESSION

The standard compression is achieved with the mode switch set to Normal position. Use moderate setting for compression and compensate for gain loss, or boost the signal with Gain.



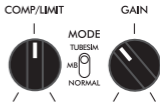
MULTIBAND COMPRESSION

This is a very useful setting for tightening up your sound and obtaining maximum compression. Use a fairly high setting for compression and balance your sound with the Gain control.



TUBESIM MODE

Based on the normal on-band compressor, this setting adds tube-alike harmonics to your sound. Useful when you wish to add extra warmth to your sound, and works very well with other instruments than bass or guitar.



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 MULTICOMP Studio Edition

Nominal Input Level		-10 or -4 dBv
Input Impedance		700 kohms
Bandwidth	+0/-3 dB	20 - 20k Hz
Gain Range		0 - 15 dB
Compressor Ratio	min/max	1:1 - 5:1
Threshold	(adjustable inside)	-25 - +6 dB
Attack Time	(80%)	<10 ms
Release Time	(80%)	typ. 100 ms
Dimensions	Width	2.8" (70 mm)
	Height	4.5" (115 mm)
	Depth	1.4" (35 mm)
Weight		400g (0.88 lb.)
Power Requirements	9 - 12 V DC Regulated,	35 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