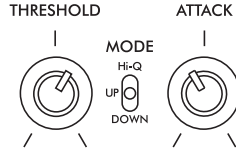


# SAMPLE SOUND SETTINGS

Note that these examples may need threshold adjustments depending on the instrument you play. As active instruments normally have high output, lower threshold settings may be necessary. For passive instruments, the threshold settings may need to be increased significantly.

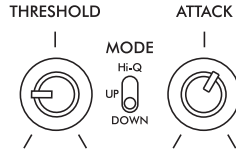
## UP ENVELOPE (CLASSIC STYLE)

This is the classical envelope filter effect setup. Use moderate setting for both threshold and attack, and adjust for best personal sound.



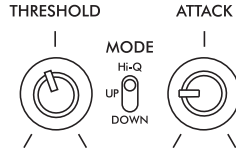
## DOWN ENVELOPE

A useful effect for rapidly changing the tonal character of playing. The stronger you play the more you "eat" the highs. Higher threshold values and lower attack settings may be used to create inverted psychedelic dynamics.



## AUTO WAH

The toughest sounds are all made in the Hi-Q position. Useful for solo playing and effects. Calibrate the threshold level to match your instrument, and you will have complete auto-wah control while playing.



## MY PERSONAL SOUND

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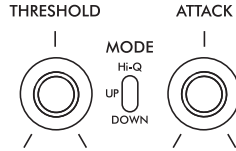
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# USERS MANUAL

## BLACK LABEL SERIES

### EBS BassIQ

UPGRADED VERSION



EBS PROFESSIONAL BASS EQUIPMENT

**INDICATOR LED** - Indicates dynamically how the filter reacts when active. This LED should glow when the pedal is switched on. When this LED stops lighting you have about 5 hours more of battery life.

**FOOT SWITCH** - Switches the pedal on or off. This switch is a TRUE BYPASS SWITCH for optimum performance.

**Hi-Q (Up mode)** - This mode gives the sharpest sound, also known as auto-wah, and goes from low to high frequencies. This mode is especially suitable for special effects and harsh guitar sounds.

**UP** - When the filter reacts, the filter will "open", or go from low to high frequencies. This is the classic operation of an envelope filter.

**DOWN** - When the filter reacts, the action will be downwards, from high to low frequencies. Fairly long attack times and low threshold values are recommended for best results here.

**THRESHOLD** - Controls the sensitivity of the filter. The higher the setting, the higher the sensitivity.

**ATTACK** - Controls how fast the filter will react on the instrument. Minimum setting on this knob will allow the filter to react immediately. The maximum setting gives the filter a delay of approximately 2 seconds.

**MODE** - This control is very useful for fine-tuning the BassIQ for full dynamic operation, which means that the filter will follow the instruments' signal strength when playing.

**FOR A PASSIVE INSTRUMENT USE A FAIRLY HIGH SETTING, AND FOR AN ACTIVE INSTRUMENT USE A MODERATE SETTING FOR NORMAL OPERATION.**

## THE CONTROLS



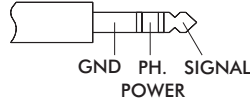
Thank you for purchasing the EBS Black Label BassIQ pedal! The EBS BassIQ is an analog envelope filter pedal that is triggered by the notes you play. The result is the hottest, funkiest, most rumbling bass sound ever created. The pedal has two controls and a mode switch which is extremely easy-to-use, and achieves sounds ranging from the classic auto-wah to your own unique spaced-out sound. We hope you'll enjoy using the EBS BassIQ pedal.

# HOW TO CHANGE BATTERY

- 1) Carefully remove the four screws holding the bottom plate.
- 2) Remove the bottom plate gently.
- 3) Replace the old battery with a new one of the same type, 9V alkaline type; 6LR61.
- 4) Gently place back the bottom plate, and make sure no cables are squeezed. Attach the four mounting screws using moderate tension.

# HOW TO USE THE EBS PHANTOM POWER

The EBS Phantom Power System™ makes it possible to power the EBS BassIQ with 9V DC directly from the EBS Drome, Gorm, Fafner, Hd350 and TD650 amps. Here is a step-by-step instruction on how to do this.



- 1) Connect a stereo 1/4" instrument cable (TRS, tip-ring-sleeve) between the EBS BassIQ pedal and the EBS amp.
- 2) Activate the phantom power on the amp. This is made with a flick of a switch on most EBS amps. Please consult the manual for the EBS amp you are using.
- 3) Connection done. You should now have power in the pedal, even if the input jack is left open.

## EBS PHANTOM POWER™ TROUBLE SHOOTING

Checkpoint	Action if answered NO
1) Is a 1/4" STEREO cable used between the pedal and the amp?	- Replace cable to a 1/4" STEREO cable.
2) Is there power available on the RING connection of the 1/4" plug?	- Make sure the phantom power is activated on the amp. - Check cable.

Note that only the pedal that is directly connected to the EBS amp can be powered with phantom power. This means that if you have more than one pedal, ONLY THE LAST one can use the EBS Phantom Power™.

# ADVANCED TECHNICAL OPTIONS (ONLY FOR AUTHORIZED PERSONNEL)

## HP - HIGH PASS FILTER MIX-IN

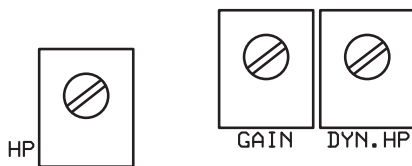
The EBS BassIQ pedal is equipped with a HF MIX-IN trimmer for further fine-tuning your sound. This trimmer is used for mixing in an amount of the high frequencies from the original "bypassed" sound. The range can be set from 0% to 100% mix. The default setting is minimum.

## GAIN

This trimmer sets the overall gain of the EBS BassIQ when in use. The factory setting for this trimmer is one o'clock.

## DYN.HP - DYNAMIC HIGH PASS FILTER MIX-IN

The EBS BassIQ pedal is equipped with a feature that automatically mixes in the high frequency content the higher up in frequency the filter goes. This is an automatic function version of the HP trimmer adjustment. By default this trimmer is set to maximum, but can be adjusted all the way down to zero for classic BassIQ operation.



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 trimmers 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.**

# TROUBLE SHOOTING GUIDE

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

Checkpoint	Action if answered NO
1) Does the cable(s) work properly?	- Replace cable(s).
2) Are the 1/4" plugs properly connected all the way in?	- Push the 1/4" plugs 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?	- Reconnect input and output jacks.
4) Does the pedal have a battery, and is the battery OK?	- Put a new battery in the pedal.
5) Does the indicator LED light when pressing the foot switch alternatively?	- Replace battery.
6) Does the instrument work?	- Check the instrument at your nearest service center.
7) Does the amplifier work and is the volume turned up?	- Turn up volume or check the amp at your nearest service center.
8) If you are using a DC adapter, Are you using an EBS AD-9?	- Check the voltage and polarity of the adapter you are using.*

\*EBS Sweden AB guarantees no error free operation when using other DC adapter than the EBS AD-9. Warranty is void if higher voltage than 9.3 V has been used to feed the EBS BassIQ pedal.

# TECHNICAL SPECIFICATIONS EBS BASSIQ

Nominal Input Level	- 8 dB
Input Impedance	700 kohms
Bandwidth	+0 / -3 dB 20 - 20k Hz
Filter Range	60 - 8k Hz
Filter Q	min / max 3 / 10
Filter Mode	Down / Up / Hi-Q
Threshold	-50 - +6 dBv
Attack Time	(80%) 50 ms - 2 s
Power Requirements	9 V DC Regulated, 18 mA max.
Dimensions	Width 2.8" (70 mm)
	Height 4.5" (115 mm)
	Depth 1.4" (35 mm)
Weight	480g (1.07 lb.)

Specifications are subject to change without notice.

\*EBS recommends the use of the EBS AD-9 DC adapter, which supplies a well stabilized power to the EBS BassIQ and all your other pedals that operate with a 9V battery. The high current capacity, 650mA, makes it possible to supply all pedals with only one adapter, EBS AD-9!

