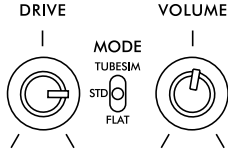


SAMPLE SOUND SETTINGS

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

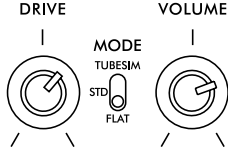
STANDARD OVERDRIVE

This is an example of a standard overdrive setting with a good clean endy sound together with untouched low end for better definition. Use high setting for Drive and compensate the level with the Volume.



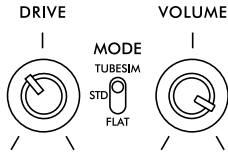
TIGHT DISTORTION

This is the fullrange distortion mode, useful for affecting the overall sound. This mode gives less low end with harder compression and gives the possibility to create fuzz-like sound when tweaking the Drive. Use a moderate setting for Drive for normal operation.

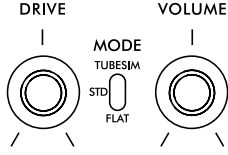


SMOOTH TUBE SOUND

The tubesim mode activates the second tube simulator giving higher compression, less attack and tube-like sounds. This position is useful for edging up your sound while obtaining the warmth and body of the classical vintage tubes.



MY PERSONAL SOUND



USERS MANUAL

BLACK LABEL SERIES

EBS MULTIDRIVE



EBS PROFESSIONAL BASS EQUIPMENT

INDICATOR LED Indicates when the pedal is active. This LED should glow when the pedal is switched on. When this LED stops lighting you should replace the battery as soon as possible.

FOOT SWITCH Switches the pedal on or off. This switch uses noiseless FET-switching for rapid switching during play.

TUBESIM - Activates the second tube simulator, which adds extra harmonics with added compression and slightly less high end attack. Very useful when using moderate Drive setting for tightening up your sound. Otherwise this mode works the same as standard mode.

STANDARD (STD) - This mode selects the standard operation for the pedal. It bypasses the low end for excellent bass response. Very high gain settings are possible and very useful, with great dynamics and typical tube-like sounds.

FLAT - This position selects linear gain across the entire audio spectrum. Useful for distorting bass sound and should be used with fairly low Drive setting for best result. This mode also produces some fuzz-like sounds when used with high Drive.



DRIVE - Controls the amount of gain and distortion for the "overdrive engine". The range is from 0 dB (clean sound) up to 60 dB in maximum position (very distorted sound).

VOLUME - Controls the output volume when the pedal is active. You can also use this control to boost your sound.



IT IS VERY IMPORTANT THAT THIS SWITCH IS SET CORRECTLY FOR THE MULTIDRIVE TO WORK PROPERLY.

ACTIVE/PASSIVE SWITCH Set this switch to ACTIVE position if you are playing an active instrument or if you have the pedal connected to an effects loop. If you are playing a passive instrument, set this switch to PASSIVE. (next to output jack)

THE CONTROLS



We hope you'll enjoy using the EBS MultiDrive pedal.

The EBS MultiDrive is an ultra compact and robust box, capable of producing sustain, overdrive and many other useful hot, "tubeamp", distorted sounds. The overdrive engine that makes this all possible is a simulation circuit in pure class A with a wide gain range, which emulates a classic vintage style preamp tube. The EBS MultiDrive's high quality makes this pedal a perfect choice for the recording environment, as well as live playing.

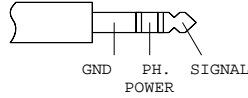
Thank you for purchasing the EBS Black Label MultiDrive pedal!

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 MultiDrive with 9V DC directly from the EBS Drome, Gorm, Fafner and 1V2/Classic 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 MultiDrive 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™.

USEFUL HINTS

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

1) If you have an active instrument, try switching to the passive mode. This will increase the gain in the distortion circuit to its' maximum. This allows for tighter high compressed sounds and is a way to use the MultiDrive as a pure distortion pedal.

2) As in point 1 above, switch to active mode even if you are using a passive instrument. This will not give you as much gain, but sometimes when using the pedal to spice up your sound instead of distorting, you may find the gain range more detailed. You need to use fairly low settings on the volume knob to keep a good balance between the bypassed level and the active level.

3) Try using the MultiDrive pedal as one of the first pedals in your effects chain. This is because the gain stage will amplify every small noise from other pedals being used before the MultiDrive.

4) The MultiDrive is excellent for use in an effects loop. In this setup you can use the pedal as a post-filter enhancement stage. It could be a good choice to make your solid state amplifier sound like a full tube amp.

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 a DC adapter other than the EBS AD-9. Warranty is void if higher voltage than 9.3 V has been used to power the EBS MultiDrive pedal.

TECHNICAL SPECIFICATIONS EBS MULTIDRIVE

Nominal Input Level	- 8 dBv (active) or - 20 dBv (passive)
Input Impedance	200 kohms
Dry Bandwidth	+0/-3 dB 20 - 20k Hz
Effect Bandwidth	+0/-3 dB 35 - 12k Hz
Drive Gain Range	0 - 60 dB min
Modes	Standard, Flat or Tubesim Mode
Power Requirements	9 V DC Regulated, 15 mA max*.
Dimensions	Width 70 mm (2.8") Height 115 mm (4.5") Depth 35 mm (1.4")
Weight	450g (1 lb.)

Specifications are subject to change without notice.

*EBS recommends the use of the EBS AD-9 power supply, which supplies a well stabilized power to the EBS MultiDrive 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!



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