



THANK YOU FOR PURCHASING THE EBS MULTIDRIVE - STUDIO EDITION 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.

We hope you'll enjoy using your EBS MultiDrive 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)



VOLUME



MODE

TUBESIM

STD

FLAT



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.

DRIVE controls the amount of gain/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.

TUBESIM activates the second tube simulator, which adds extra harmonics with added compression and slightly less high end attack.

STANDARD (STD) - This mode selects the standard operation for the pedal. It bypasses the low end for excellent bass response.

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*.

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 MultiDrive 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 MultiDrive, check the hints below on how to improve and find your own personal sound.

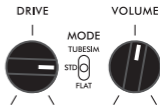
- 1) If you have an active instrument, try switching to the passive mode. This will increase the gain in the distortion circuit to its' maximum. This allows for tighter high compressed sounds and is a way to use the MultiDrive as a pure distortion pedal.
- 2) As in point 1 above, switch to active mode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

SAMPLE SOUND SETTINGS

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

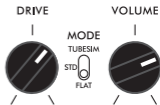
STANDARD OVERDRIVE

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



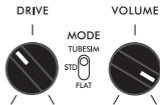
TIGHT DISTORTION

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.



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 MULTIDRIVE Studio Edition

Nominal Input Level		- 8 dBv (active) or - 20 dBv (passive)
Input Impedance		700 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
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