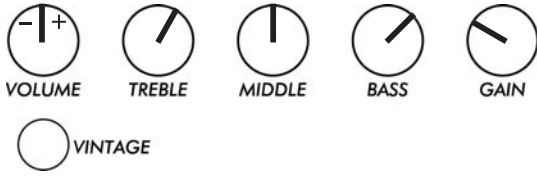


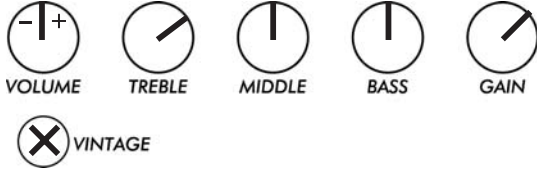
# SAMPLE SOUND SETTINGS

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

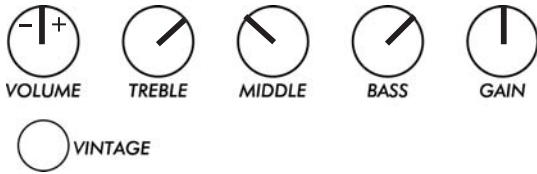
## CLASSIC ROCK



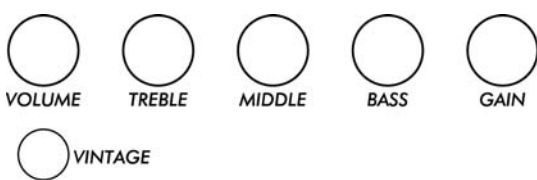
## VINTAGE OVERDRIVE



## CRUNCH



## MY PERSONAL SOUND



# USERS MANUAL



EBS PROFESSIONAL BASS EQUIPMENT



The EBS Team

We hope you'll enjoy using the EBS ValveDrive pedal!

The EBS ValveDrive tube preamp/overdrive pedal offers the possibility for classic and traditional warm tube sounds up to hard and pure tube distortion. The ValveDrive pedal can make your bass either glow or growl, whether you want your instrument to sing or scream.

Thank you for purchasing the EBS ValveDrive pedal!

## THE CONTROLS

### FRONT PANEL

**GAIN** - Controls the overall gain and amount of overdrive.

**BASS, MIDDLE AND TREBLE** - The filter section of the EBS ValveDrive. Controls the timbre of the sound and is very useful for refining overdriven sounds. These filters are of classic passive style. Please refer to the filters section for more info.

**VOLUME** - Controls the overall volume of the EBS ValveDrive.

**ACTIVE FOOTSWITCH** - When the footswitch is pressed and the LED is red, the pedal is active. When deactivated the pedal is bypassed or in mute mode (depending on the setting of the bypass/mute switch on the rear panel).

**VINTAGE FOOTSWITCH** - Controls the character of the ValveDrive. When the LED is RED, the pedal is set to standard MODERN character. When the LED is YELLOW, the VINTAGE mode is selected. The vintage character changes the tube timbre, eq and compresses the signal over the gain stage.

**INPUT JACK** - Connect your instrument here.

**OUTPUT JACK** - The output from the pedal. Connect the output to an amplifier or another pedal.

**AC POWER JACK** - Connect the AC power supply to this jack. Use only EBS original power supply.

**PAD SWITCH** (0dB/-8dB) - Selects operation for active or passive instruments. Press this switch if you are using an active instrument or using another pedal before the EBS ValveDrive.

**BYPASS/MUTE SWITCH** - Selects the operation for the ACTIVE footswitch. When pressed, the pedal goes into mute when the ACTIVE footswitch is switched off.

**HOW TO CHANGE THE TUBE**

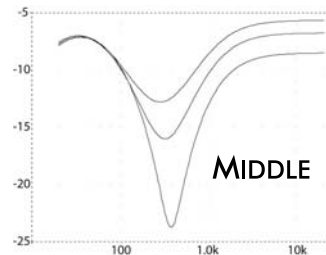
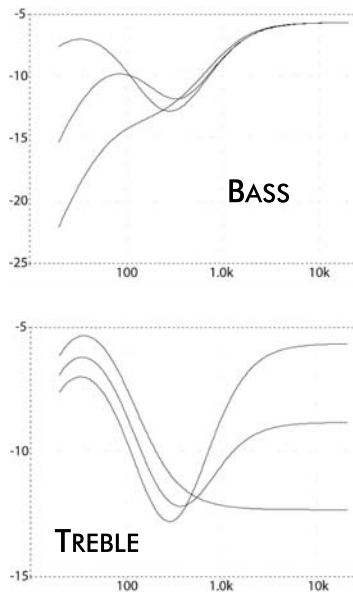
- 1) Remove the power from the unit and wait at least five (5) minutes.
- 2) Carefully remove the chrome tube cover by losing the four (4) holding bolts.
- 3) Replace the tube with same type, i.e. ECC83/12AX7.
- 4) Attach the four mounting screws using moderate tension.



**WARNING!**  
To prevent fire chock hazard, do not expose this appliance to rain or moisture. No user serviceable parts inside. Refer servicing to qualified service personnel.

**THE FILTERS**

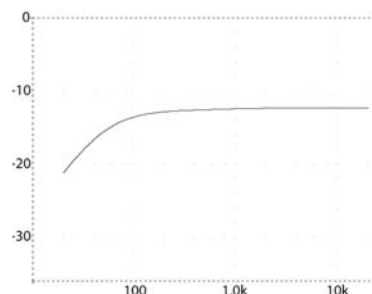
The EBS ValveDrive is equipped with classical style passive filters especially tuned for bass guitar. The following graphs show the frequency response of the BASS, MIDDLE and TREBLE controls.



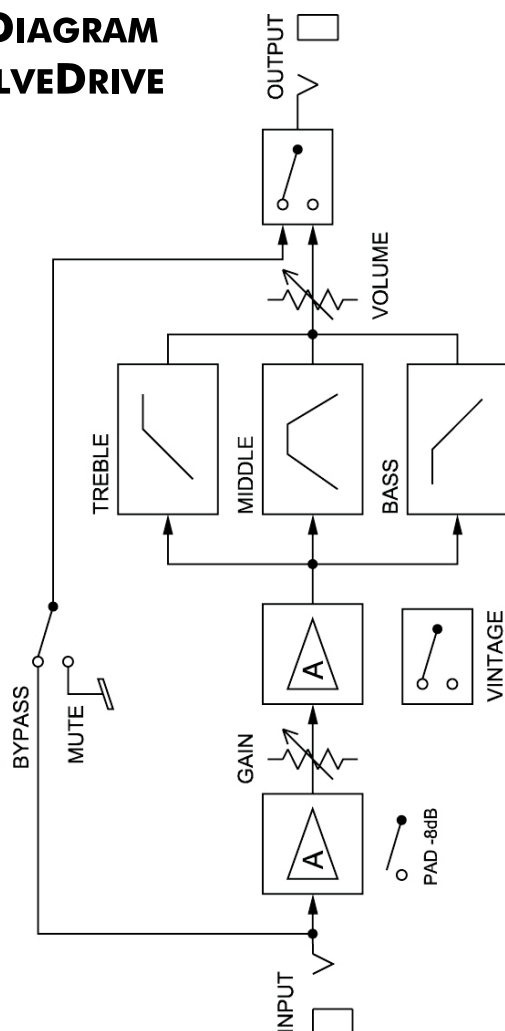
Note: In each graph the other two controls are set to maximum position.

**FLAT FREQUENCY RESPONSE**

The special case when you want a flat frequency response from the passive filters is obtained when BASS and TREBLE controls are set to MINIMUM, and the MIDDLE control is set to MAXIMUM.



**BLOCK DIAGRAM EBS VALVEDRIVE**



**TECHNICAL SPECIFICATIONS EBS VALVEDRIVE**

Nominal Input Level	- 8 dBv (active) or - 16 dBv (passive)
Input Impedance	1 Mohms
Frequency Response	+0/-3 dB 35 - 20.000 Hz
Gain Range	min/center/max - ∞ / +6/ +26 dB
Filter Section:	Bass: type: Bell Attenuation: 0 - 15 dB < 80 Hz
	Middle: type: Notch Attenuation: 0 - 12 dB @400 Hz
	Treble: type: Shelving Attenuation: 0 - 6 dB @5 kHz
Output Impedance	> 500 kohms
Nominal Output Level	-10 dBv
Tube Type	Svetlana 12AX7
Power Requirements	12 V AC, 500 mA
Protection	T1A Fuse
Dimensions	Width: 135 mm (5.3") Height: 75 mm (3.0") Length: 165 mm (6.5")
Weight	1.0 kg (2.2 lbs.)

Specifications are subject to change without notice.



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