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FISHMAN

**USER GUIDE
FISSION BASS™**

Welcome

Thank you for making Fishman a part of your music-making experience. We are proud to offer you the finest tone-shaping products available; high-quality professional-grade tools to empower you to sound your very best. We are confident Fission Bass will both enhance and inspire your music making.

Quick Start

Power – Install a fresh 9V battery (not included) or connect a Fishman power adaptor.

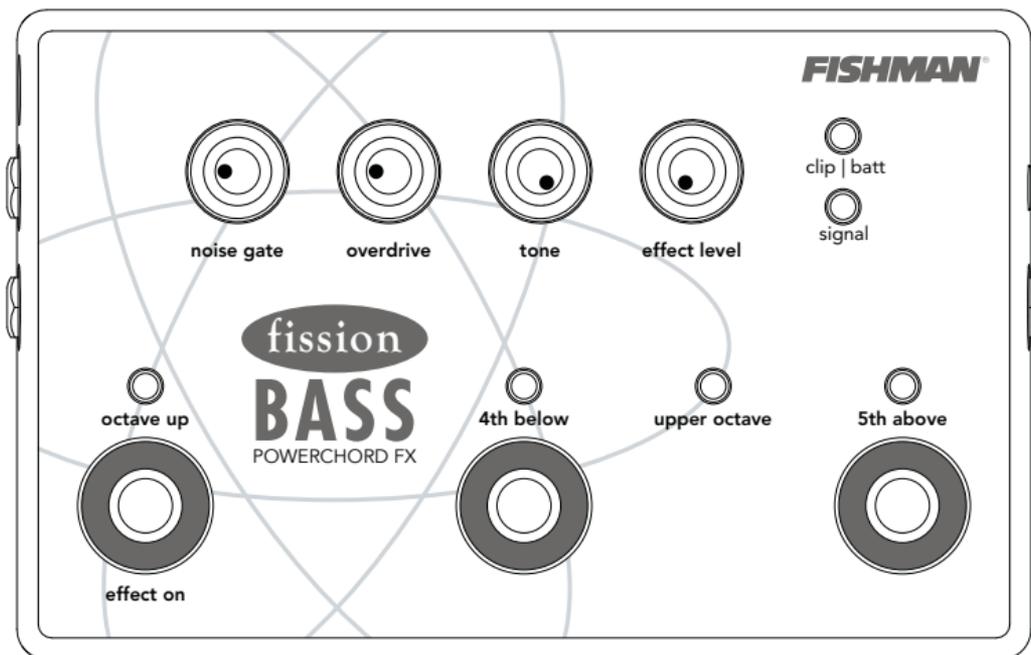
Set the controls – set **effect level** at minimum and all other controls as shown.

Plug in – Use standard ¼-inch and XLR shielded instrument cables.

Set trim – Play hard and adjust the input **trim** (on the right side) so the **clip|batt** LED flashes only occasionally.

Effect On – Stomp the **effect on** foot switch and raise the **effect level**.

Quick Start Settings



Making Connections

Input

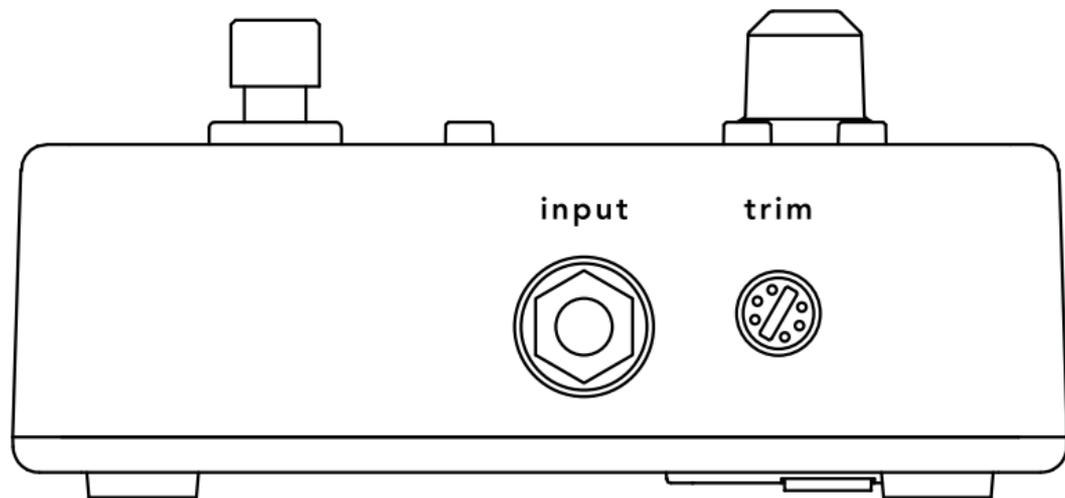
Plug in your bass guitar here with a standard ¼-inch instrument cable.

Insert a plug into the **input** jack, and Fission Bass powers up. To conserve the battery, remove the plug from the **input** when not in use.

Trim

Raise or lower the **trim** to optimize the input level for your pickup. Play hard and adjust **trim** so **clip|batt** flashes occasionally. Some passive pickups may not cause the light to flash at all and other pickups with active preamps may require you to turn their output down to achieve an optimum level.

Right Side



Making Connections

Mix Output

The **mix output** can provide a blend of two signals:

- the original unaffected bass signal
- an effected signal generated by the Powerchord FX

When the **effect output** is connected, the **mix output** provides only the unaffected bass signal. Use a standard ¼-inch instrument cable to connect the **mix output** to a bass amplifier.

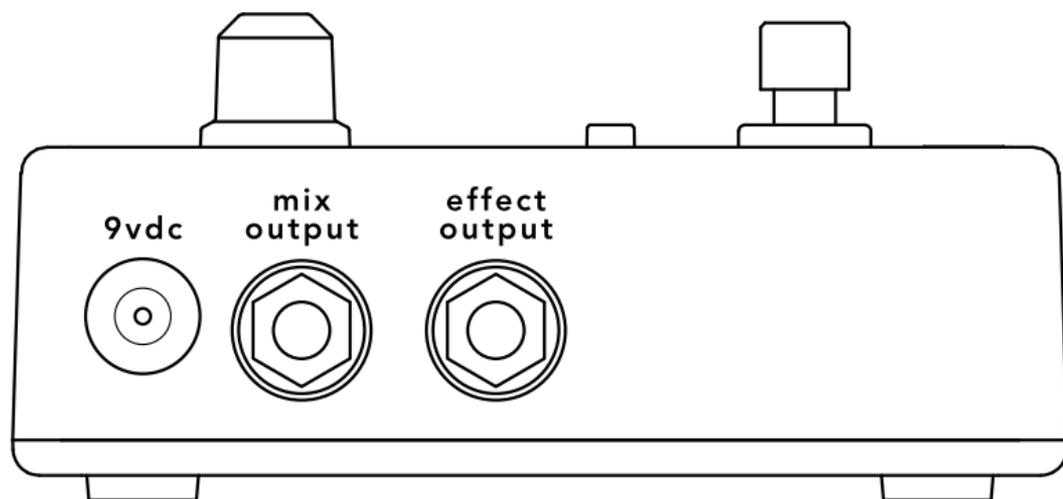
Effect Output

This output provides only the effected signal. Use a standard ¼-inch instrument cable to connect the **effect output** to a separate bass or electric guitar amplifier.

9VDC

Power may be supplied by either a 9V battery (battery compartment underneath the pedal) or the Fishman 910-R AC adapter. When the **clip|batt** LED comes on you have approximately one hour of remaining battery life

Left Side



Foot Switches

Effect On / Octave Up

Press to engage effect, adding an octave above the played note. When disengaged, any enabled foot switch lights are dimmed.

4th Below

Press to add an interval of one 4th below the octave effect.

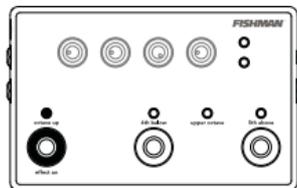
5th Above

Press to add an interval of one 5th above the octave effect.

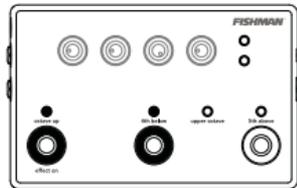
Upper Octave

Pressing both the **4th Below** and **5th Above** foot switches creates a stacked powerchord one octave above the played note.

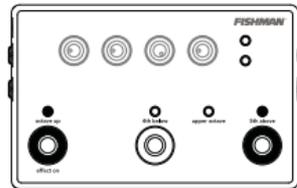
Foot Switch Intervals



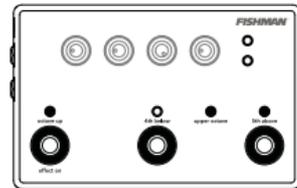
Effect On/
Octave Up



4th Below



5th Above



Upper Octave

Controls

Noise Gate

The **noise gate** can reduce the amount of unwanted noise between the decay of one note and the attack of the next. Turning the control counter-clockwise reduces the decaying noise more quickly.

Overdrive

Use this to control the amount of overdrive applied to the pitch shift effect. When set fully counter-clockwise, there is no overdrive. Turn the control clockwise to increase the amount of overdrive.

Tone

The **tone** control reduces treble to darken the sound of the effect.

Effect Level

When using only the **mix output**, this control blends the amount of effected output into the dry signal. When also using the **effect output**, this control sets the overall effect level at the **effect output** jack.

Specifications

Input impedance:	1.1M Ohm
Input trim gain range:	-6dB to +11dB
Max. input level:	+8dBV, mix output / +5dBV, effect output
Max. output level (onset of clipping):	+8dBV, mix output / +0dBV, effect output
Nominal output impedance:	<1k Ohm (both channels)
Digital signal path:	
A/D, D/A conversion:	24-bit
Signal processing:	32-bit
Dynamic range (A-weighted):	113dB, mix output / 98dB, effect output
Power supply:	9V battery or 9VDC adapter
Typical in-use current consumption:	24mA
Typical 9V battery life:	20hours (alkaline) / 40hours (lithium)
9V adapter:	Fishman 910-R (for 110V) or suitable filtered and regulated, 200mA type, center pin = negative

All specifications subject to change without notice.

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