

<<< Switching >>>

This device is true bypass and uses electronic relay-based switching. Audio will not pass without power.

<<< Power Requirements >>>

- Current Draw: 25mA
- This device take a standard 9 volt DC power supply with a 2.1mm negative center barrel. We always recommend pedal-specific, transformer-isolated wall-wart power supplies or multiple isolated-output supplies. Pedals will make extra noise if there is ripple or unclean power. Switching-type power supplies, daisy chains and non-pedal specific power supplies do not filter dirty power as well and let through unwanted noise. **DO NOT RUN AT HIGHER VOLTAGES!**

<<< Tech Specs >>>

- Input Impedance: 50K Ohm
- Output Impedance: <500 Ohm

<<< Warranty >>>

This device has a limited lifetime warranty. If it breaks, we will fix it. Should you encounter any issues, please email info@earthquakerdevices.com.



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Bit Commander™



OPERATION MANUAL

Thanks for picking up the Bit Commander™ from EarthQuaker Devices® brand effects pedals! The Bit Commander is a monophonic analog guitar synthesizer with four octaves of vintage square wave synth tones. Its no-nonsense interface makes it easy to add or subtract octaves to create a wide variety of sounds without having to dial in envelopes or oscillators. Ripping sub-octave thump, pulsing octave down, a lightly squared base tone and a swelling transformer based octave up all join together to make a single guitar sound like an army of olde tyme synths.

Like all analog octave effects, there are some basic rules to follow that will get you the most enjoyment from your Bit Commander. Use the neck pickup and play single notes. The best tracking occurs from the 7th fret up on all the strings. Below the 7th will still track but there will be occasional glitches and stutters. The lower the note, the harder it is for the Bit Commander to register. The use of Bass and lower registers on keyboards will yield unexpected, sometimes pleasing, sometimes disgusting results. These are not mistakes or flaws, it is the nature of analog octaves.

All analog, true bypass and hand made one at a time in the republic of Akron Ohio.

<<< Suggested Placement >>>

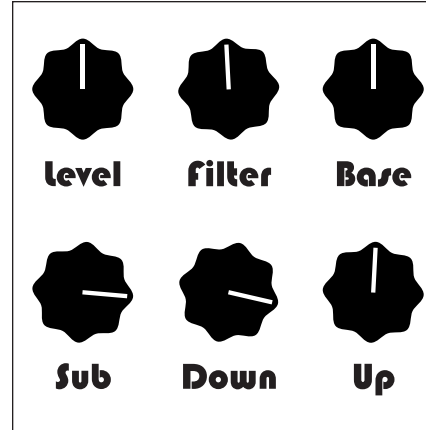
For best results, place as close to the front of your signal chain as possible. Tracking and sustain will increase when the Bit Commander is placed after a compressor or dirt pedal.

<<< Controls >>>



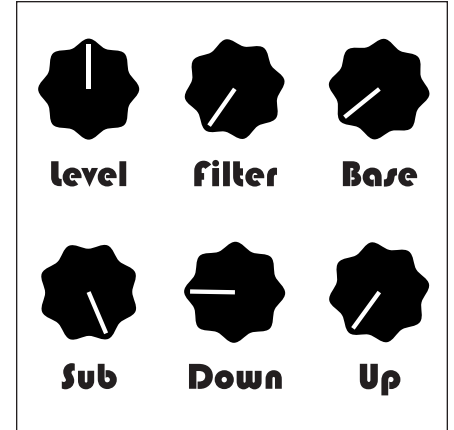
- ❶ **Level:** Master volume
- ❷ **Filter:** Tone control more highs clockwise, more warmth counterclockwise
- ❸ **Base:** Squared input signal level
- ❹ **Sub:** Two octaves down level
- ❺ **Down 1:** One octave down level
- ❻ **Up 1:** One octave up level

<<< Suggested Settings >>>



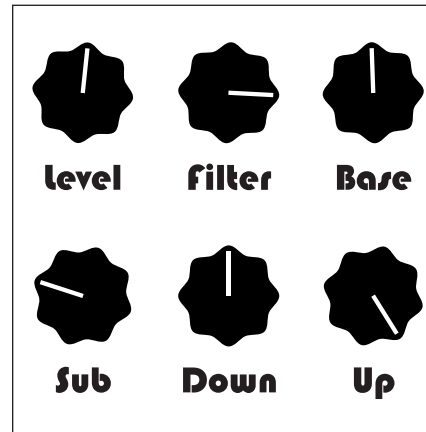
Face Melter

Follow monophonic riffs and bends perfectly. Neck pickup recommended.



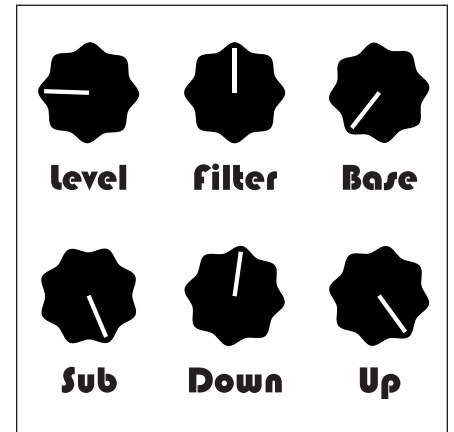
Bass Synthesizer Terrorizer

Transform your guitar or cheap keyboard into a wall of mammoth travesty. Feed this into a loop pedal for instant bass synthesizer riffs.



Ballcrusher

Step up front of the music with this nasty savagely guttural setting.



Ring Modulation Vacuum

Take every riff into the burning vortex of the black hole. The Star Gate has opened into the sonic beyond.