

Congratulations! You are now the proud human to an AFA Baron Samedi Eurorack Module.

This module is based on the exact same circuit as our highly acclaimed Baron Samedi fuzz pedal, modified for use with Eurorack level voltages and with additional CV controlled circuitry.

You should however understand that Baron Samedi wields great power. Read this manual thoroughly to work with it better....

OBEDIENCE TRAINING: HOW TO CONTROL YOUR ANIMAL

LIFE

A strange notch filter. Both extremes will cut off the highs. At 1, there is a chance that it can self oscillate at a low frequency, depending on the settings of the other knobs. At 10, the treble cut is maximum. The in-between settings sweep through the mids.

DEATH

Turning the knob clockwise will result gating, in loss of bass and PWM-like thinning out of the sound.

BURIAL

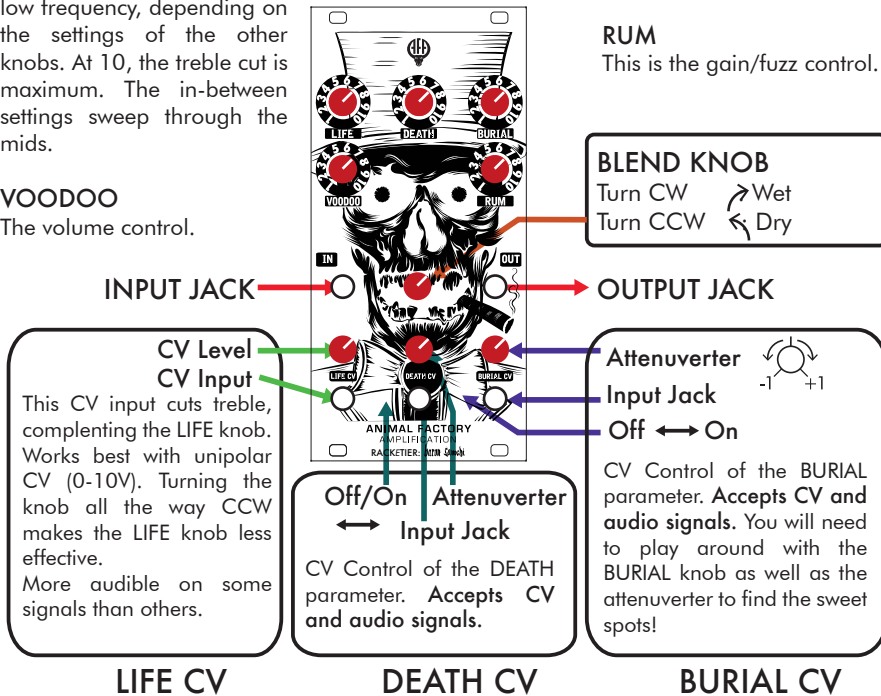
Turning up this knob increases the accentuation of the lower harmonics in the signal.

RUM

This is the gain/fuzz control.

VOODOO

The volume control.



ANIMAL MASTERY

Like it's namesake, the AFA Baron Samedi Module is intentionally mysterious and obscure. Here are some tips for you:

1. Baron Samedi is NOT a precision device. It is designed to conjure ludicrous distortion, wild sounds and bizarre harmonics.
2. When the DEATH CV and/or BURIAL CV switches are set to the ON position, it will almost certainly change the timbre, volume or even mute the sound if you have no CV connected. If you are not using CV, turn them off.
3. Both DEATH and BURIAL CV inputs are equipped with attenuverters. The DEATH input in particular is extremely sensitive to fast attacks - if you are using very large/fast signals, consider attenuating / slew-limiting their attack to reduce pops in the audio range.
4. Audio input to the DEATH and BURIAL CV inputs can result in amazing textures.
5. You **MUST** play with the DEATH and BURIAL and their respective CV knob settings to find out what works and what doesn't with which CV/Audio signals. It is impossible to generalize here.
6. Using all three CV inputs together will be **intensely** rewarding.

SAFETY

We attempt to build safe products. Here are some further cautions you should exercise while using them.

1. Do not upset Baron Samedi.
2. The Baron Samedi module follows the Eurorack standard power connection scheme, includes a standard 16-to-10 pin power connector, has reverse polarity protection diodes and a shrouded 10 pin header to ensure the power is connected only one way - the right way. Nonetheless, please make sure that your power supply puts out power in the correct manner (red stripe negative!)
3. When making any changes to trim pot settings, use a small screwdriver and do not exercise force on the body of the trimmer! A small adjustment can go a long way, so be gentle!
4. While developed and tested at a more standard +/- 12V DC, the Pit Viper Eurorack module can be safely operated up to +/- 15VDC. Exceeding this voltage may lead to damage of the circuit or ICs.
6. Your cat may take offence to the sounds made by Pit Viper. This is normal. If you do not have a cat, please adopt a cat (unless, of course, you are allergic 🤧).

TECHNICAL DETAILS

Width: 12 HP (60.96 mm)

Power Consumption:

approx 35 mA +12V, 25 mA -12V

Depth with power cable: approx 30mm

Audio Input: mono 1/8" with input overload protection

Input Impedance: nom 1MΩ

Audio Output: mono 1/8" with output overload protection

Output Impedance: nom. approx 1kΩ

CV (0-10 VDC) Inputs:

Bite - Attenuator

Saturation - Attenuverter input for bipolar CV

Filter - Attenuverter input for bipolar CV

One tested 25cm 16-to-10 pin power cable included.

GAIN TRIMMING AND PHASE INVERSION

Look at the circuit board at the bottom of the module. You will notice a trim pot and a little to the right of it, a jumper.

The trim pot will control the amount of gain going from the signal input into the fuzz circuit (upper board). While you can control this using the RUM control, some might like it hotter or colder - so we've left this in place for you to dial in your sound.

Moving the jumper to the top two pins will invert the phase relationship of the clean and dirty signals.

DO NOT REMOVE THE JUMPER ENTIRELY. THIS WILL RESULT IN NO SOUND GOING TO THE FUZZ CIRCUIT AND ONLY THE CLEAN THROUGH AS OUTPUT.

WARRANTY

All Animal Factory Amplification products, unless otherwise specified, are protected by a 2-year warranty on manufacturing and workmanship. This does not cover cosmetic damage by routine use.

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