



ANIMAL FACTORY
AMPLIFICATION

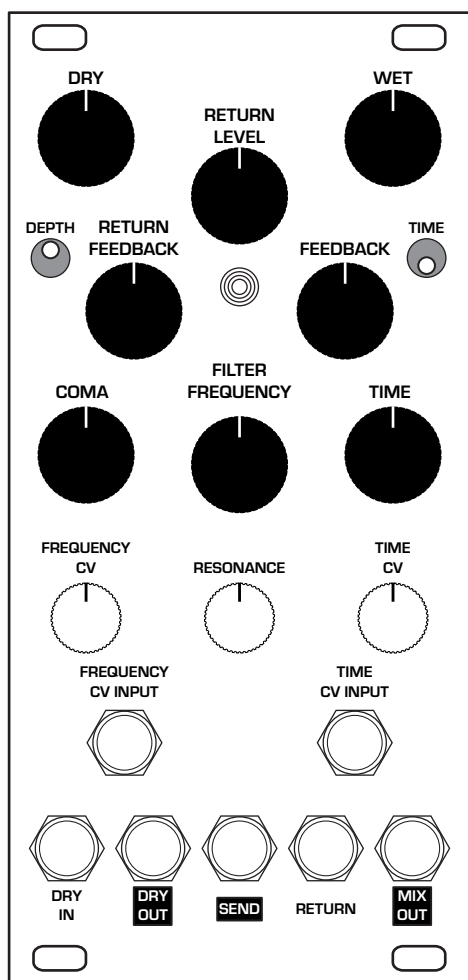
UNDERSTANDING AND CARING FOR YOUR ANIMAL COMA REACTOR EURORACK MODULE USER MANUAL

Congratulations!

You are now a proud human to a Coma Reactor Eurorack Module.

This delay module looks deceptively simple on the outside - a seemingly no-frills approach based on the venerable PT2399 delay chip. The routing and sound design possibilities will however leverage your imagination to create nightmarish textures, generated by broken synaptic connections of an analog neocortex terminally damaged by digital drugs.

CONTROLS



DRY: Control the level of the dry signal in the mix out.

WET: Control the level of the processed signal in the mix out.

RETURN LEVEL: Control the level of the return FX signal.

FILTER FREQUENCY: Control the frequency of the Twin-T BPF in the return path.

FREQUENCY CV: Attenuverter to control filter frequency. **White light indicates a +ve signal, a blue indicates -ve signal.**

RETURN FEEDBACK: Sends effected signal back into delay circuit and back into the FX send. **Can self-oscillate very quickly!**

FEEDBACK: Control the amount of repeats. **Will self-oscillate at high settings!**

COMA: Attenuates the input signal into the delay circuit. Turning this up will overdrive the delay signal somewhat.

TIME: Set the delay time interval for repeats. **The longer the delay, the more noise is introduced into the signal.**

TIME CV: Attenuverter to control repeat times of the delay circuit. **White light indicates a +ve signal, a blue indicates -ve signal.**

INPUTS/OUTPUTS

DRY IN: Dry signal to be processed.

SEND: Unattenuated delayed signal output.

MIX OUT: Delayed signal mixed with dry signal out.

TIME CV INPUT: Control Voltage to control the repeat times of the delay circuit.

DRY OUT: Buffered copy of dry signal output (unattenuated).

RETURN: Processed signal input.

FREQUENCY CV INPUT: Control Voltage for frequency cutoff point.

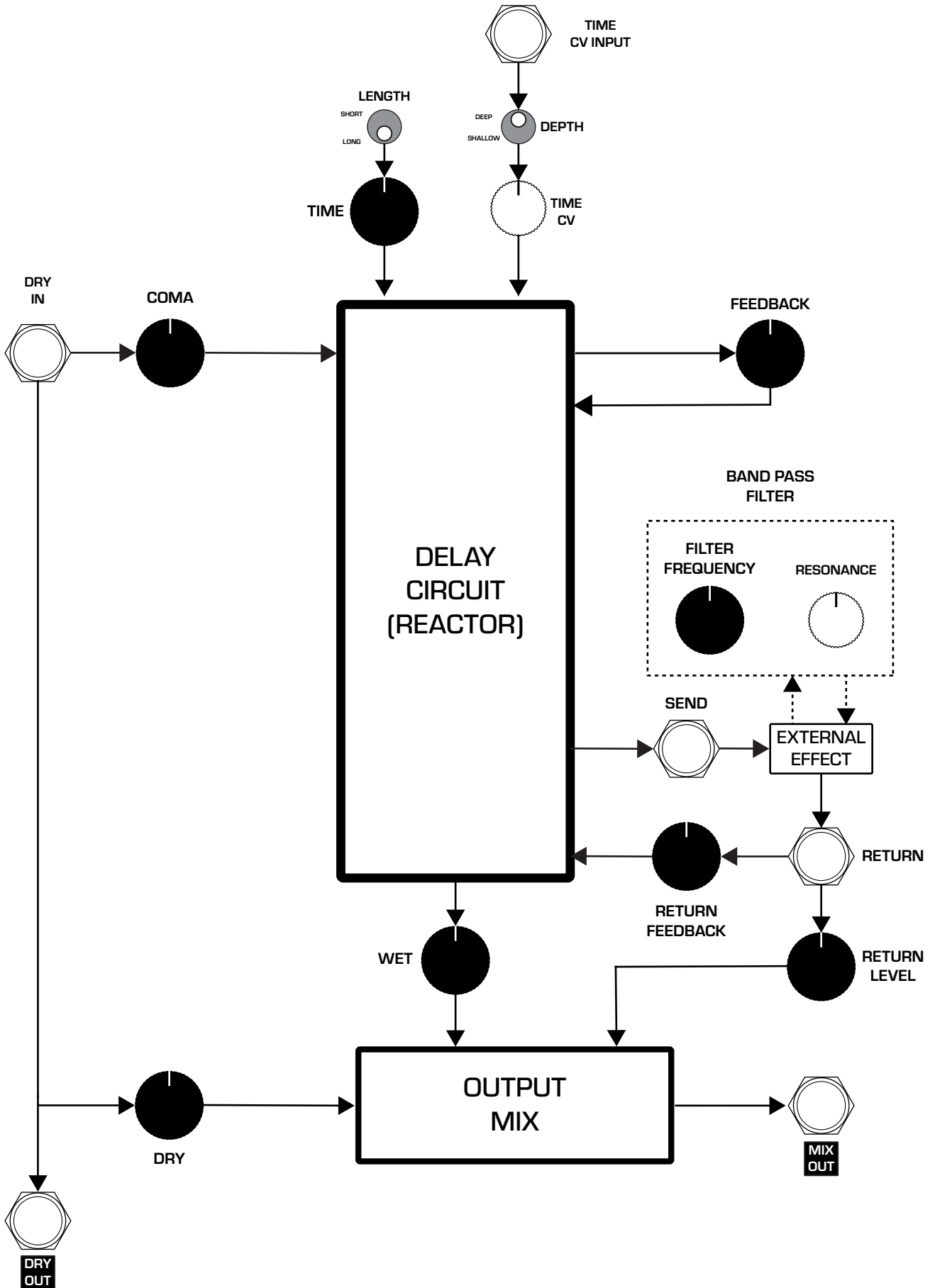
SWITCHES

DEPTH: Switch between a shallow or deep modulation effect on the time CV input.

TIME: Switch between a long or short time range. Sets the time knob between 32ms - 330ms (switch down) or 32ms - about 2000ms (switch up).



SIGNAL ROUTING



1. The send/return FX loop can have very dramatic effects - keep in mind that turning the RTN FEEDBACK knob up will send the signal back into the FX loop. This can result in wild feedback even instantly, particularly when used with overdrive and filter modules. Particularly with filters, you may want to keep the resonance (Q) turned down all the way and tweak the feedback level to taste.

2. You can modulate the CV input with audio signals too! The effects are very unpredictable and dramatic.

3. You can also input a completely different signal to the RETURN jack and use this as a mixer of sorts, with or without delay on that signal. Get creative!

4. With no input attached, the Coma Reactor is capable of generating noises that can generate self-oscillation by turning up the FEEDBACK knob. Modulating the delay time can make this an interesting noise oscillator (not V/Oct tunable!), particularly with resonating filters in the FX loop.

5. The in-built band-pass filter will self-oscillate with RESONANCE turned up beyond 12 o'clock. Modulate/sequence it to use as a regular oscillator. Does not track V/Oct out of the box, you will need to experiment with this.

1. Do not eat the Coma Reactor.

2. DO NOT JUMPER THE FREE HEADERS ON THE PCB OR SWAP JUMPER POSITIONS. Headers are for future expansion. Jumpering them may lead to malfunction and/or damage to the module, your power supply as well as other modules!!! We take no responsibility for this!

3. Your cat may take offence to the sounds made by Coma Reactor. This is normal. If you do not have a cat, please adopt a cat.

ENVIRONMENT

Do not dispose of any part of this module in household waste.

Electronics must be disposed of safely according to the electronics disposal norms in your country.

This module was constructed using lead-free solder and observes compliance with the RoHS directive.

All parts of our packaging are designed to use minimal or no plastic.

Use the box and the velvet bag to keep other things safe.

TECHNICAL SPECIFICATIONS

Power Draw:
+12V – 39mA
– 12V – 21mA

Size: 12HP
Depth: 22mm



EXPANSION HEADER

Coming soon, subscribe to our newsletter for updates.

