

# (RECOVERY)

## EFFECTS AND DEVICES

### THE MYSTIC (SEMI-MODULAR DESKTOP SYNTH



## OVERVIEW

THE MYSTIC IS AN EXPERIMENTAL FM SYNTH WITH 2 CARRIER FREQUENCIES, 2 MODULATORS, AND AN ANALOG STYLE DELAY. ALL OF THE SYNTH PARAMETERS ARE CONTROLLABLE VIA CV AS WELL AS TIME CONTROL IN THE DELAY SECTION.

THE MYSTIC GENERATES COLOSSAL WAVES THAT SWIRL, ECHO, ASCEND, AND PLUNGE INTO AN EVER-CHANGING, SONIC PLAYGROUND. TRANSCEND REALITY AND LET THE MYSTIC GUIDE THE WAY!



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## POWERING UP

The Mystic uses a 9VDC, negative-tip, 200ma power supply. It is a standard Boss-style power supply used for most effects pedals.. Power supply sold separately.

Once plugged in, the Mystic is powered up and ready to go. Simply unplug it from the wall when not in use.

## OUTPUT

line level

## A NOTE ABOUT THE OUTPUT LEVEL

The Mystic runs at line level, to be used with pedals and other devices that also run at line level. If using with Eurorack, the output level needs to be converted, just as you would with any guitar pedal. There are several Eurorack modules that do this, but the one we use and recommend is the Strymon AA.1.

## OUTPUT JACK

The Mystic requires a 3.5mm cable to connect the audio output to other devices.



## CONTROLS

### LATCHING SWITCH

Use this to latch the sound on and off. Up is on, and down is off.

### CARRIER FREQUENCY CONTROLS

Each carrier works together to build a waveform. Usually it's CF2 that responds to pitch tracking, but that can vary depending on the setting. Think of CF1 and CF2 as 2 sign waves being folded in various ways. Sending independent CV into each one will not get traditional 1 v/oct pitch results, but a combination of pitch, texture and tone.

### MODULATOR CONTROLS

These are used to shape the tone and texture of the folded waveform you've created with CF1 and CF2. Modulation rate will control the speed of the modulation texture.

### MOMENTARY BUTTON

Use this to momentarily turn sound on and off. The momentary Button only functions when the Latching Switch is in the off (down) position.

### DELAY TIME CONTROLS

Controls the delay / echo time.

### DELAY FEEDBACK

Controls the number of delay / echo repeats.

### DELAY MIX

Controls the volume of the delay / echo signal.

### VOLUME

Controls the overall output volume of the Mystic.

### CV CONTROLS

These will accept CV voltage of up to +5 volts. The parameter you are controlling should be at 12 O'clock to get the most effect from the voltage input.

## FAQ

Q: Does The Mystic have an audio input jack?

A: No, it does not have enough parameters to make an audio input useful. You'd only be able to make use of the delay function, so we didn't think it was necessary.

Q: What is the function of the USB port?

A: We use the USB port for firmware flashing. No user functionality at this time.

Watch the demo:  
[recoveryeffects.com](http://recoveryeffects.com)

Questions?  
Send us an email:  
[recoveryeffects@gmail.com](mailto:recoveryeffects@gmail.com)

