



# Modbap Modular Per4mer User Guide

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## PER4MER QUAD PERFORMANCE FX UNIT



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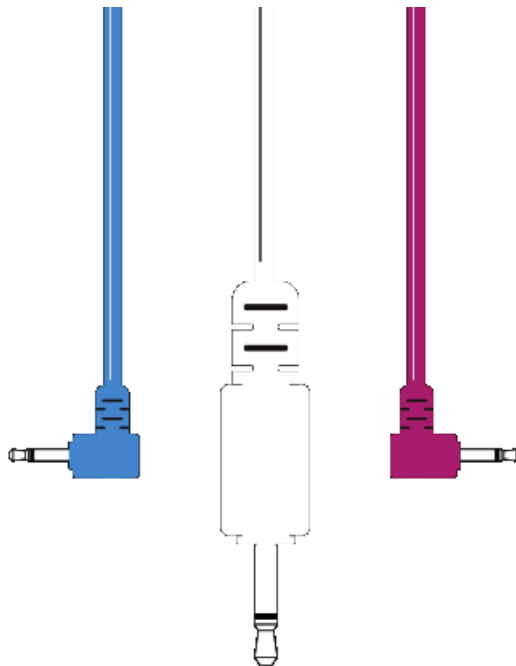
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## MODBAP MODULAR BY BEATPPL

Modbap Modular is a line of eurorack modular synthesizers and electronic music instruments by Beatppl. Founded by Corry Banks (Bboytech), Modbap Modular was born of the Modbap Movement with a simple mission to dev tools for beat-driven hiphop-leaning modular artists. It is our goal to develop eurorack modules from the beatmaker's perspective while adding value for music makers of all genres. It's almost impossible to explain Modbap Modular without answering the question; "So, what is ModBap?" MODBAP is the fusion of modular synthesis and boom-bap (or any form of hip-hop) music production. The term was created by BBoyTech as a denotation of his experiments with modular synthesis and boom-bap music production. From that point forward, a movement was born where like-minded creatives built a community around the idea of Modbap. Modbap Modular is in effect, the result of that movement in a space where we'd previously not existed.

**BUILT FOR EURORACK DOPE ENOUGH FOR BOOM-BAP!**



**Per4mer Firmware Version 1.1**

Press the arcade button to trigger an effect.  
Shift + Press the arcade button to latch an effect on or off.

The four FX knobs control the parameters for the last engaged or targeted effect and can also control all effects dry/wet mix in mix mode using Shift + Comp (>2 Secs).

Keep held Shift + Color + Press arcade button (>2 Sec) to select / deselect target CV inputs 'locked' to the selected performance effect parameters.

**Audio inputs.**  
Eurorack & Line Compatible.  
Left & Right Mono inputs. If only left input is connected this is also normalised to the right.

**Audio outputs.**  
Eurorack & Line Compatible.  
Left & Right Mono outputs.

**Delay** performance effect arcade button.  
FX1 - Wet / Dry, FX2 - Delay Time, FX3 - Feedback, FX4 - Filter Cutoff (control <50% Low Pass, >50% High Pass).  
Shift + FX1 - Envelope Attack, Shift + FX2 - Envelope Release

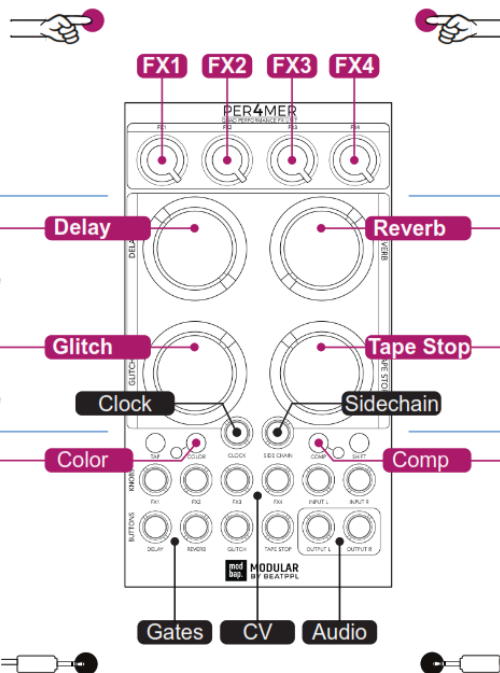
**Glitch** performance effect arcade button.  
FX1 - Wet / Dry, FX2 - Size (time div), FX3 - Pitch (+/- 2 octaves), FX4 - Forward / Reverse.  
Shift + FX1 - Envelope Attack, Shift + FX2 - Envelope Release

**Color mode.** Tap for color on/off.  
Shift + Color to cycle through the color presets.  
Adjust Dry / Wet Mix - Color + FX1

- Purple - Classic
- Teal - Lo-Fi
- Orange - Saturation
- Blue - Wax1
- Pink - Wax2
- Green - HP Fixed
- Red - LP Fixed
- White - White Noise.

**Shift.**  
Access to secondary functions.  
Used in conjunction with other controls.

**Tap Tempo.**  
Tap several times to set the internal BPM.



**CV inputs.**  
Control Voltage inputs each of which controls FX1 - FX4 and therefore external control of effect parameters.

**Gate inputs.**  
Trigger inputs each of which controls each of the performance effects with external control.

**Reverb** performance effect arcade button.  
FX1 - Wet / Dry, FX2 - Reverb Time, FX3 - Decay, FX4 - Pre-delay.  
Shift + FX1 - Envelope Attack, Shift + FX2 - Release

**Tape Stop** performance effect arcade button.  
FX1 - Wet / Dry, FX2 - Time (speed/pitch), FX3 - Slope / Curve, FX4 - LP Filter.  
Shift + FX1 - Envelope Attack, Shift + FX2 - Release

**Compressor.** Tap for on/off.  
Shift + Comp to cycle sidechain input.  
Adjust Make Up Gain - Shift + Comp + FX1

- White - Audio Input as sidechain source.
- Teal - Sidechain Input as source.
- Purple - Clock Input as sidechain source.

**Clock Input.**  
External clock input connection. This overrides the internal tempo setting.

**Sidechain Input.**  
CV input option available for a sidechain source.

**Save / Reload.**  
To save current configuration, Press Shift + Tap. To reload the previously saved configuration, Hold Shift + Tap for 2 secs.

DOWNLOAD THE COMPLETE MANUAL HERE



<http://www.modbap.com>  
[www.modbap.com](http://www.modbap.com)

## Documents / Resources

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## References

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