



INTRODUCTION:

Punch is the ultimate VCA-DECAY module for Eurorack

– Specially designed to generate dynamic percussive sounds but also capable of basslines, leads, envelopes and more. The VCA has a built in voltage controlled Decay envelope that can be turned from smooth to more aggressive exponential responses and can be activated with triggers, gates or cv's.

Punch features two modes per channel to play, with a dedicated switch control: “vintage style drum machine mode” and “dynamic cv mode”

Punch is capable of creating AM sounds with control voltage on the “amount”

Each envelope can be inverted via dedicated switches on the front panel.

If you use an inverted envelope alongside the accent input you can create ducking effects like side-chain compression..

INSTALLATION:

- * Disconnect your synth from the power source.
- * Double check polarity from the ribbon cable, unfortunately if you damage the module by powering in the wrong direction it will not be covered by the warranty.
- * After connecting the module check again you have connected the right way, the red line should be on the -12V.





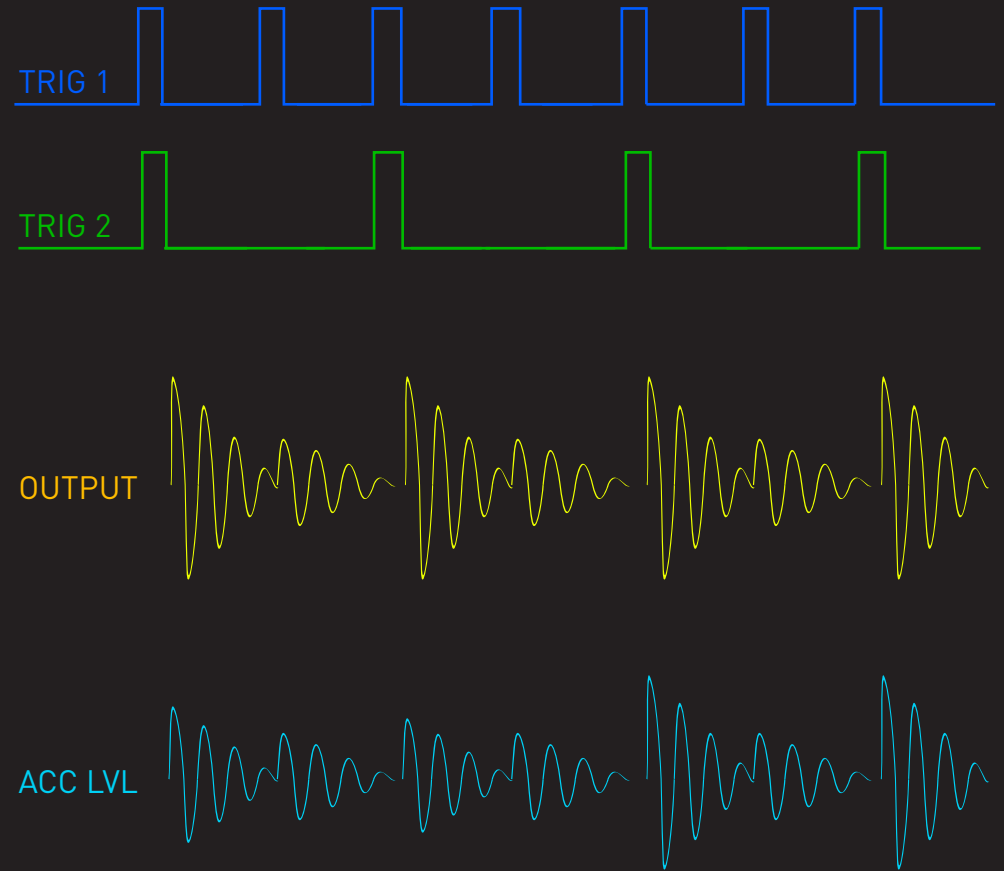
3. CONTROLS:

- A** Audio input channel 1.
- B** Audio input channel 2.
- C** Output channel 1.
- D** Output channel 2.
- E** Trigger/CV input channel 1.
- F** Trigger/CV input channel 2.
- G** Envelope output channel 1.
- H** Envelope output channel 2.
- I** Switch envelope from + to - channel 1.
- J** Switch envelope from + to - channel 2.
- K** Accent/vel input channel 1.
- L** Accent/vel input channel 2.
- L** Accent input channel 2.
- M** Gain amount channel 1.
- N** Gain amount channel 2.
- O** Response curve channel 1.
- P** Response curve channel 2.
- Q** Manual decay control channel 1.
- R** Manual decay control channel 2.
- S** CV decay channel 1.
- T** CV decay channel 2.
- U** Switch from "vintage style drum machine mode" to "dynamic cv mode" channel1.
- V** Switch from "vintage style drum machine mode" to "dynamic cv mode" channel 2.





Vintage drum machine mode

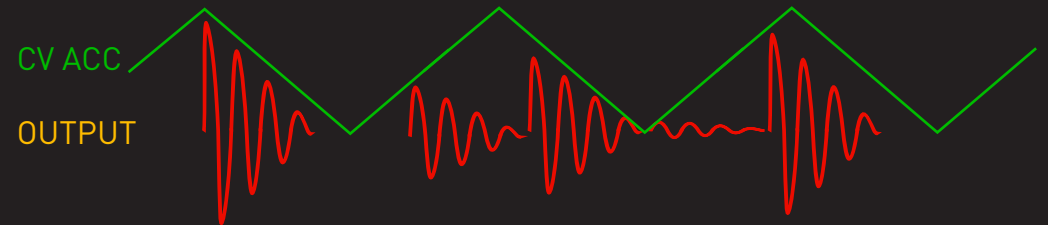
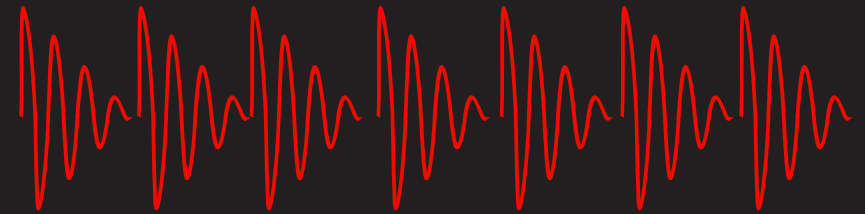


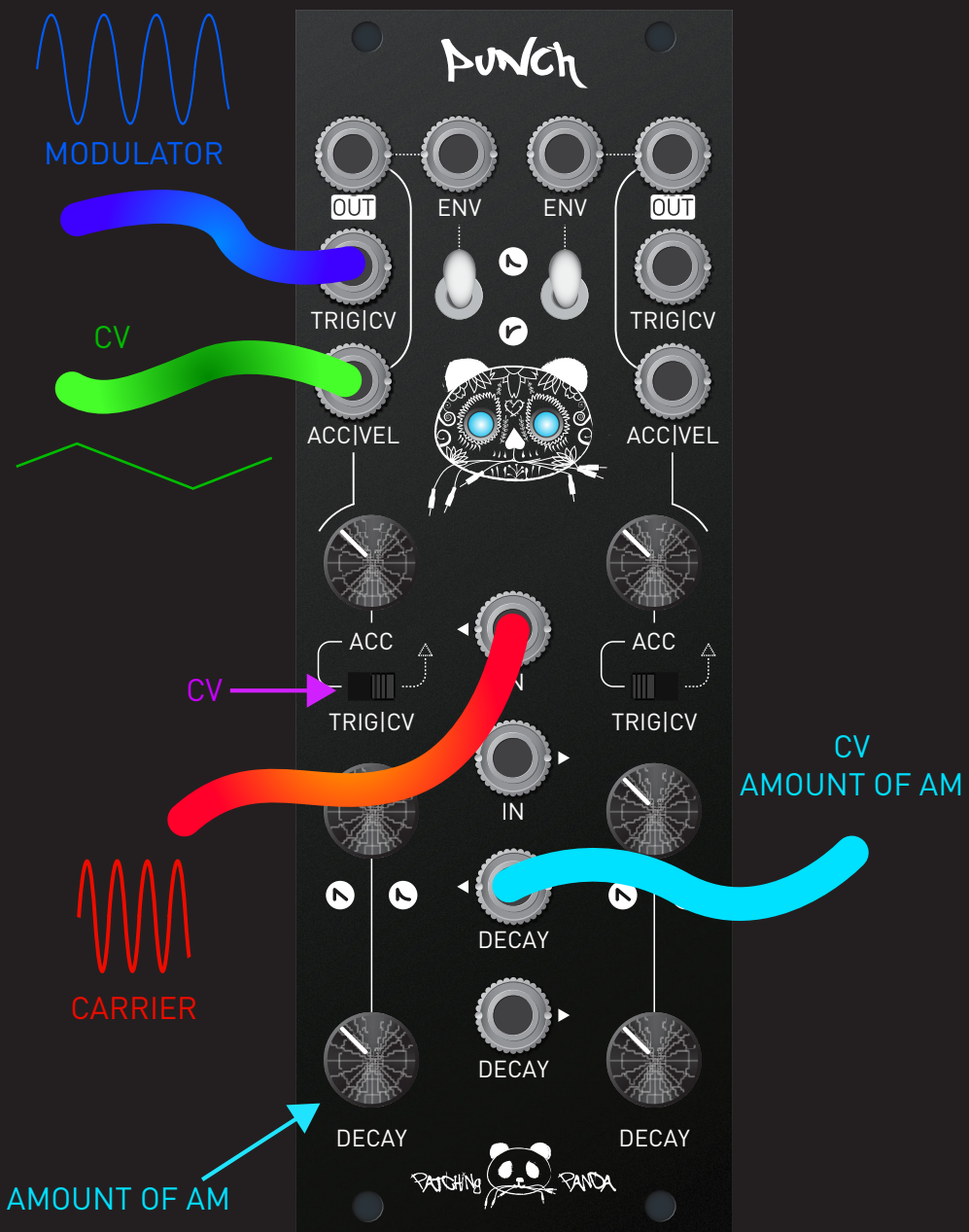


CV dynamic mode



OUTPUT WITH DECAY AND CURVE BEFORE CV INPUT TO THE ACCENT





AM sounds with control voltage

