

# Elephant

pgh

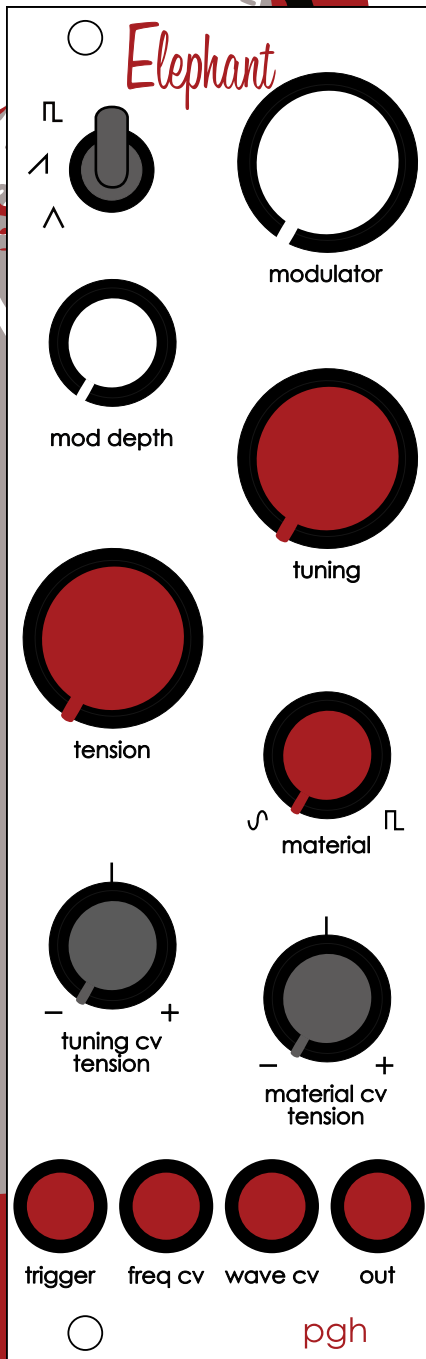
**There is nothing soft or weak about this sound. Elephant is a big, versatile drum.**

The Pittsburgh Modular Elephant is a re-imagining of the classic Pollard Syndrum. Although not a clone of the original, the Elephant was inspired by the flexibility and musicality of the Syndrum.

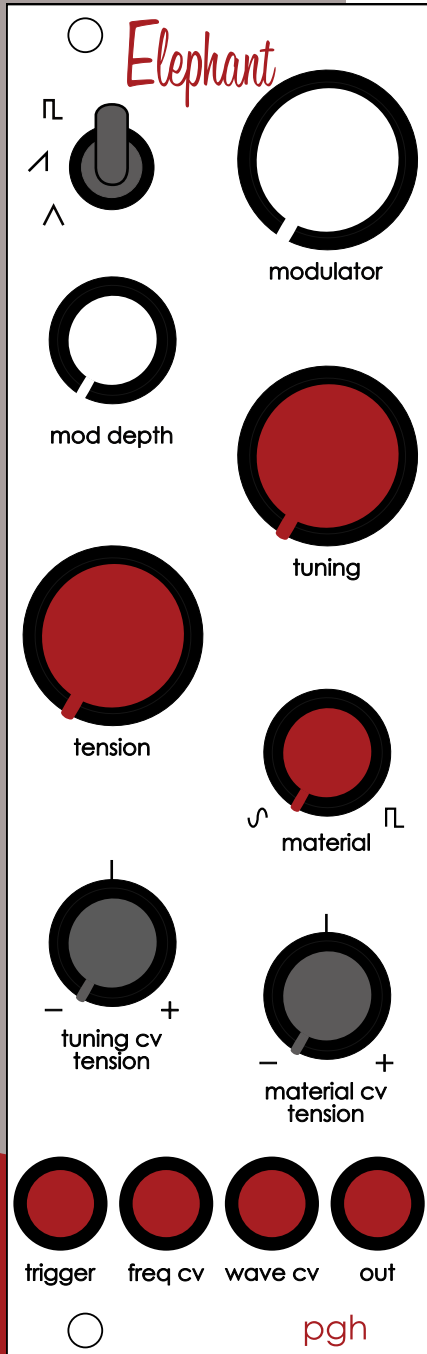
A variable waveform oscillator is rhythmically modulated (or not) to create complex percussive sounds. Built in Modulator (LFO) and Tension (percussive decay envelope) add depth and movement the oscillator.

Voltage control over Tuning (pitch) and Material (waveform) allow for creative patching options.

We think this one also sounds very nice.



The controls on the Elephant were named to describe the function they aim to emulate on a physical drum. It may have made more sense to label them based on their actual electronic purpose, but what is the fun in that? The descriptions below will hopefully clear up any unintended obfuscation.



## Knobs, and Jacks

The **Modulator** (LFO) is used to frequency modulate (FM) the Audio Oscillator. It has 3 controls.

**Modulator Wave Switch** Modulator waveform selector. Triangle wave, Saw wave, Square wave.

**Modulator Knob** Modulator frequency knob.

**Mod Depth Knob** Sets the amount of frequency modulation (FM) between the Modulator and the audio oscillator.

**Audio Oscillator** is the core sound generator of the Elephant.

**Tuning Knob** Audio Oscillator frequency knob.

**Tension Knob** Sets the decay length of the percussion envelope. The output of this envelope is used to control the length of the audio output. The envelope is also normaled to the Tuning CV Attenuverter and the Material CV Attenuverter.

**Material Knob** Audio Oscillator waveform. Morphs from sine to square.

**Tuning CV Attenuverter** Audio Oscillator FM input attenuverter.

**Material CV Attenuverter** Audio Oscillator waveform shape CV input attenuverter.

**Trigger Jack** Gate or trigger input triggers the drum sound.

**Freq CV In Jack** CV input used to modulate the frequency of the audio oscillator.

**Wave CV In Jack** CV input used to modulate the waveform of the audio oscillator.

**Output Jack** Audio output.

## Specs

**Size** 8hp

**Depth** 24mm

**Power** +12v 65 mA / -12v 55 mA