

# Twang Modular “Wave Generator” Operation Manual

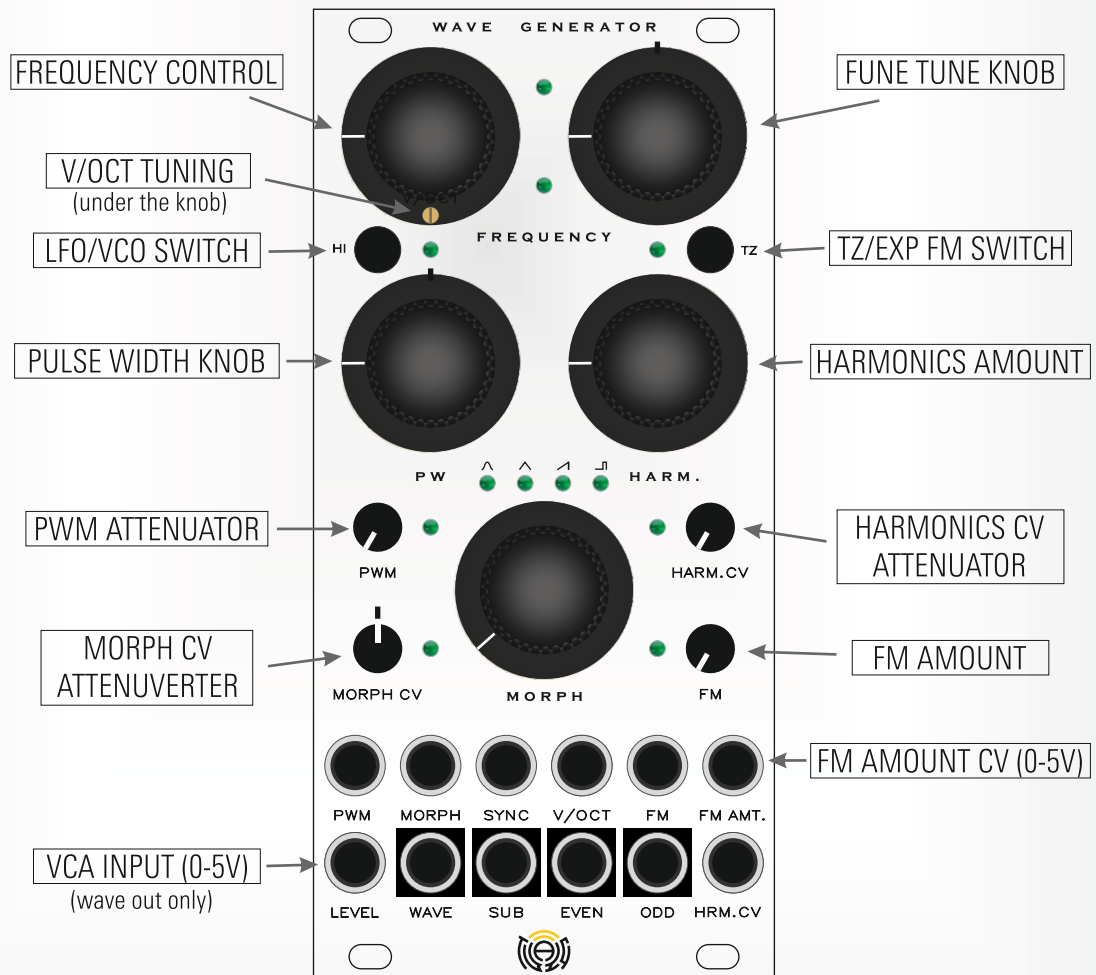
## INTRODUCTION

Wave Generator is a fully analog discrete triangle core oscillator with a great set of features on board. Some of them can be found on much expensive modules. Our idea was to combine the most desirable functions like thru-zero FM, VC FM amount, VC wave morph, built in VCA, waveshapers and keep the sound as beefy as beefy as possible.

## FEATURES

- wave output with continuous morph between sine, triangle, up saw and pulse waves.
- voltage controlled morph with bipolar attenuator.
- wave output has built in VCA, allowing to control the level and amplitude modulation.
- Roland SH-101 style square sub oscillator.
- even and odd harmonics outputs.
- FM in with amount control VCA and switch between exponential and through-zero.
- pulse width modulation which also change the phase of up saw wave.
- sync input.

## PANEL LAYOUT



## TECHNICAL SPECIFICATIONS

- Width: 12HP.
- Power: 120mA (+12V), 70mA (-12V).
- Depth: 23mm.

