

# Noise Engineering Horologic Solum

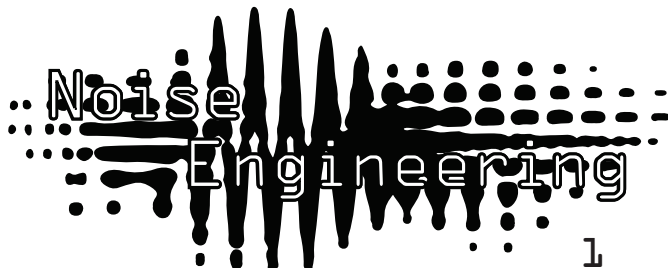
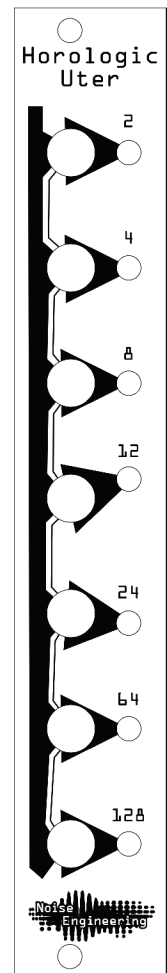
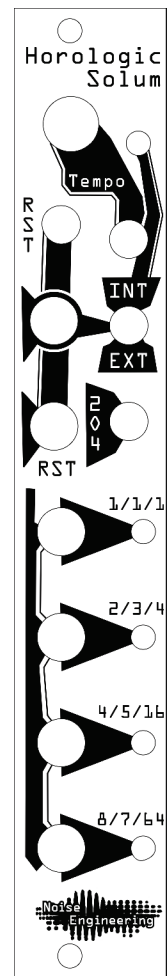
Master clock with multi-mode divider and expander

## Overview

Type	Clock
Size	4HP Eurorack
Depth	.8 Inches
Power	2x5 Eurorack
+12 mA	50 mA
-12 mA	5 mA

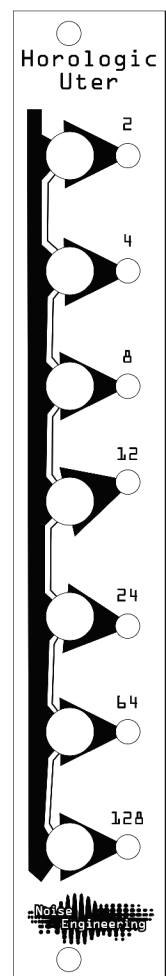
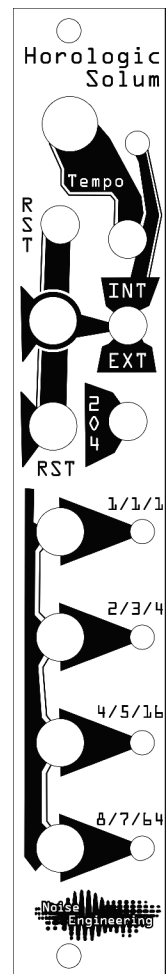
Horologic Solum is a 4HP voltage-controlled clock generator. Three speed modes allow a wide range of rates. Horologic Solum also includes three divisor modes for offsetting up to four outputs. Use the internal clock or chain to an external clock to sync multiple HS.

Horologic Uter is an optional expander that offers an extra seven outputs at fixed, musically useful, divisors.



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## Interface

### TEMPO

The Tempo knob allows for control of the speed of clock outs while the switch gives coarse control over three different speed modes. The Tempo switch adds in three different tempo speed ranges for coarse control.

### INT/EXT

Choose the internal clock or chain multiple clocks together for added clock options. When in INT mode, the input jack acts as a CV control to the tempo, and the TEMPO knob acts as an offset. EXT mode expects an external clock, but this mode can also be used to stop the INT clock if no external clock is applied.

### RST

Button and input jack: resets the clock to the beginning of the measure. The button also pauses the clock while it is held down.

### 204 (Divisor Mode)

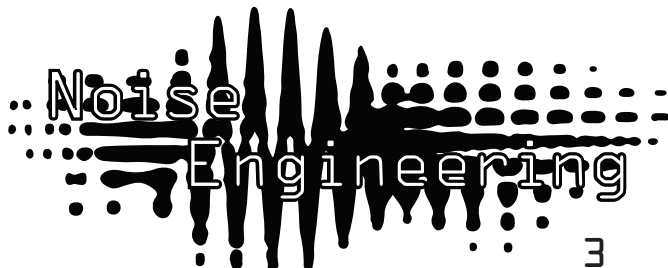
Horologic Solum has three divisor modes. It can be set to divide by powers of 2 (2, 4, 8), odd numbers (3, 5, 7), or powers of 4 (4, 16, 64). Each yields different rhythmic patterns.

### CLOCK OUTS

Horologic Solum offers four clock outputs. The numbers next to the jacks correspond to the divisor used in each different mode.

### Horologic Uter (optional expander)

Horologic Uter offers seven fixed-divisor clock outputs.



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## Patch Tutorial

Horologic Solum and Horologic Uter are easy to use. Simply plug any output into any trigger input. Experiment with the Tempo dial and switch and Mode switch to get interesting, diverse, and useful patterns.

## Special Thanks

Shawn Jimmerson  
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