

The Q141 Oscillator Aid is designed to add functionality to the Q106 Oscillator. A soft sync input and control allows multiple oscillators to track together with a smoother result than that provided by hard sync. A 6 position rotary switch allows quick selection of waveforms and adds a square wave (50% duty cycle pulse wave). An amplitude control allows the output levels to be adjusted. The selected waveform is available in both positive and negative polarity which can be useful when the oscillator is used as a modulation source for filters, amplifiers and other modules. Mount the Q141 Aid on the right or left side of the Q106 Oscillator. Wires from the Q141 attach to the Q106 circuit board.

## Specifications

**Panel Size:** Single width 2.125"w x 8.75"h.

**Power:** None.

## Controls and Connectors

### Soft Sync Amount Control

Sets the level of the incoming sync waveform. Adjust this control to vary the amount of affect the signal has.

### Soft Sync Input

Apply a signal here from another oscillator to cause the two oscillators to sync together. Normally this is a triangle or sine wave.

### Wave Selector Switch

Allows quick changes in the waveform present at the 2 output Connectors.

### +Output Connector

This is the wave in its non-inverted form.

### -Output Connector

This is the wave in its inverted form.





