



# Mattson Mini Modular

## Assembled board DIY Panel Wiring: LF1 Dual low frequency oscillator

### Panel components required:

<u>Component</u>	<u>Quantity/value/type</u>	<u>Function</u>	<u>Connect to:</u>	<u>Wire Kit type:</u>
Wire kit:	WK-12	Board to panel wiring	All-see below	
Pots:	2xB100K	LFO 1 Symmetry	CF2C	3C
		LFO 2 Symmetry	CF3B	3C
	2xC1M	LFO 1 Frequency	CF2D	3C
		LFO 2 Frequency	CF3A	3C
Switches:	None			
Jacks:	4xNormal	LFO 1 Triangle output	CF2B	2C
		LFO 1 Square output	CF2A	2C
		LFO 2 Triangle output	CF4C	2C
		LFO 2 Square output	CF4D	2C
LED's	2x Color 1	LFO 1 (up) indicator	CF4B	2C
		LFO 2 (up) indicator	CF3D	2C
	2x Color 2	LFO 1 (down) indicator	CF4A	2C
		LFO 2 (down) indicator	CF3C	2C

NOTE: LFO 1 range is a decade lower than LFO 2

### Wire kit description WK-12

<u>Qty</u>	<u>Cable</u>	<u>Connector description</u>	<u>Wires</u>
8	2C	3-pin MTA 0.100" socket	8" 24 AWG Red Pin 1 No wire Pin 2 8" 24 AWG Black Pin 3
4	3C	3-pin MTA 0.100" socket	8" 24 AWG Red Pin 1 8" 24 AWG White Pin 2 8" 24 AWG Black Pin 3

### PC Board connector conventions

3 pin 0.100" MTA headers



CFx



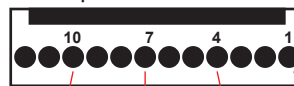
Black  
White  
Red

On PC Board

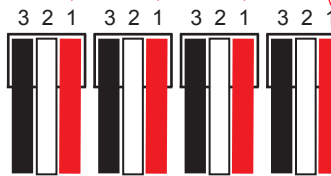
'x' denotes connector number

Panel wire connectors

12 pin 0.100" MTA headers



CFxD CFxC CFxB CFxA



Black  
White  
Red  
Black  
White  
Red  
Black  
White  
Red  
Black  
White  
Red