



Mattson Mini Modular

Assembled board DIY Panel Wiring: **VCM1 Voltage Controlled Mixer**

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-14B	Board to panel wiring	All-see below	
Pots:	4xB100K	Channel 1 level	CF6	3C
		Channel 2 level	CF5	3C
		Channel 3 level	CF4A	3C
		Channel 4 level	CF4B	3C
Switches:	None			
Jacks:	2xNormal	Output	CF4C	2C
		Inverted output	CF4D	2C
	8xSwitched	Channel 1 signal input	CF2A	3C
(CV input jacks must be switched type for cascade to function)		Channel 1 CV input	CF2C	3C
		Channel 2 signal input	CF2B	3C
		Channel 2 CV input	CF2D	3C
		Channel 3 signal input	CF3A	3C
		Channel 3 CV input	CF3D	3C
		Channel 4 signal input	CF3B	3C
		Channel 4 CV input	CF3C	3C
LED's	None			

Wire kit description WK-14B

<u>Qty</u>	<u>Cable</u>	<u>Connector description</u>	<u>Wires</u>
2	2C	3-pin MTA 0.100" socket	8" 24 AWG Red Pin 1 No wire Pin 2 8" 24 AWG Black Pin 3
12	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

3 2 1



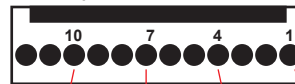
Black
White
Red

On PC Board

'x' denotes connector number

Panel wire connectors

12 pin 0.100" MTA headers



CFxD CFxC CFxB CFxA

3 2 1 3 2 1 3 2 1 3 2 1



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