



**synthesis
technology**

**MOTM-850 Pedal Interface
Assembly Instructions & Owner's Manual**

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MOTM-850 PARTS LIST

Please carefully check that all parts are in your kit. If you have a suspected shortage, please call or email. If you get free extra stuff, keep it for next time.

Capacitor bag, containing the following 10 parts:

4ea 10mfd, 50V Electrolytic	C3, C6, C7, C8
6ea 0.1mfd (marked 104) ceramic axial	C1, C2, C4, C5, C9, C10

Resistor bag, containing the following 24 parts:

5ea 10K (brown, black, orange)	R1, R6, R8, R14, R19
4ea 47K5 1% (yellow, violet, green, red)	R12, R13, R20, R23
3ea 820 ohm (gray, red, brown)	R3, R7, R22
2ea 332K 1% (orange, orange, red, orange)	R2, R24
2ea 68K (blue, gray, orange)	R4, R5
2ea 180K (brown, gray, yellow)	R9, R10
2ea 715K 1% (violet, brown, green, orange)	R15, R21
1ea 620K (blue, red, yellow)	R11
1ea 100K 1% (brown, black, black, orange)	R16
1ea 82K5 1% (gray, red, green, red)	R17
1ea 16K5 1% (brown, blue, green, red)	R18

IC bag, containing the following 5 parts:

1ea 2N3904 NPN transistor	Q1
1ea LM311N comparator	U1
1ea LM78L12 +12V TO-92 regulator	U2
1ea LM79L12 -12V TO-92 regulator	U3
1ea LT1013 precision dual op amp	U4

Misc #1 bag, containing the following 6 parts:

2ea Axial ferrite beads (plain, gray things)	L1, L2
1ea MTA-156 power connector	JP1
2ea 3-pin header with shunt	JP2, JP3
1ea red LED, panel mount	D1

Knobs, 4ea, ALCO PKES90B1/4

Jacks

1ea Switchcraft 112B stereo jack	J1
3ea Switchcraft 112A mono jack	J2, J3, J4

