

flight of harmony



IMP-K

v1.0

Contents

- (1) Panel
- (1) Main PCB
- (1) Control PCB
- (1) Resistor Card
- (1) SMT Capacitor Card
- (1) Film Capacitor Card
- (1) Semiconductor Card

- (1) Hardware bag
 - (1) 9" ribbon cable
 - (1) 2x5 RA box header
 - (1) 2x5 IDC socket connector with strain relief
 - (1) 2x8 IDC socket connector with strain relief
 - (2) 1x10 pin header (Main PCB HDR1, HDR2)
 - (2) 1x10 socket header (Control PCB HDR1, HDR2)
 - (4) Nylon PCB Standoff (see drawing p.4)
 - (4) M3x0.5 eurorack mounting screw
 - (4) M3 nylon washer

- (1) Potentiometer bag
 - (1) 10k (washer and nut attached) (TONE)
 - (6) 100k
 - (6) Washer
 - (6) Nut

- (1) Jack bag
 - (5) 3.5mm TS jack
 - (5) Washer
 - (5) Nut

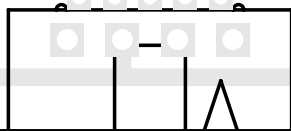
- (1) Switches & Knobs bag
 - (1) Rotary switch with washer and nut attached
(do not remove, see drawing p.4)
 - (1) Toggle switch (see assembly drawing p.4)
 - (1) Lock washer for toggle switch
 - (2) Nut for toggle switch
 - (8) Knob

- (1) Reference manual (this thing)

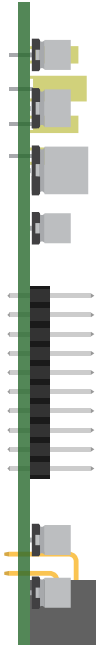
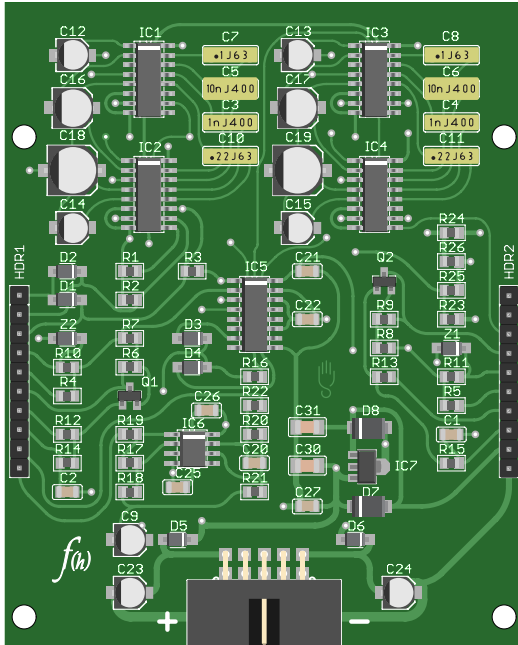
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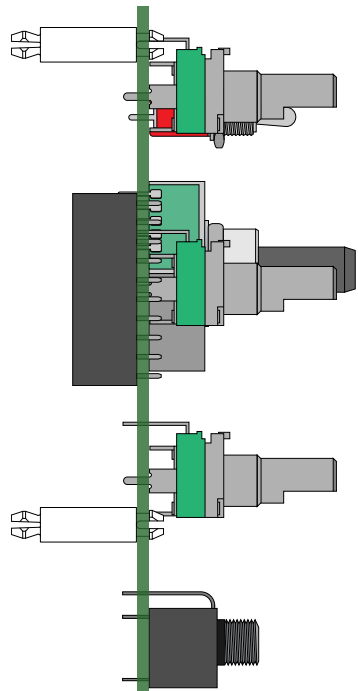
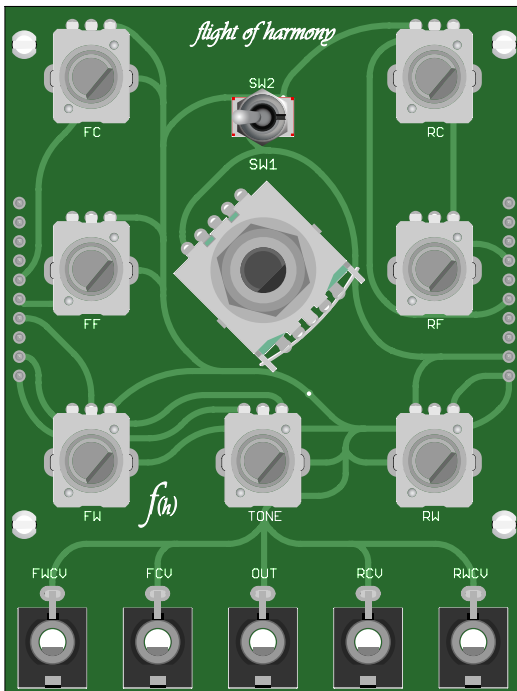
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Assembled View



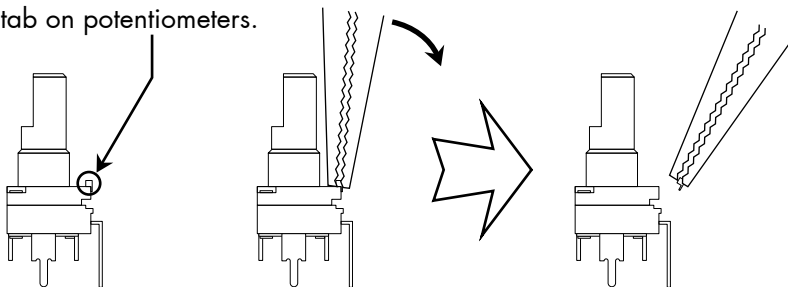
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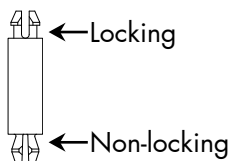
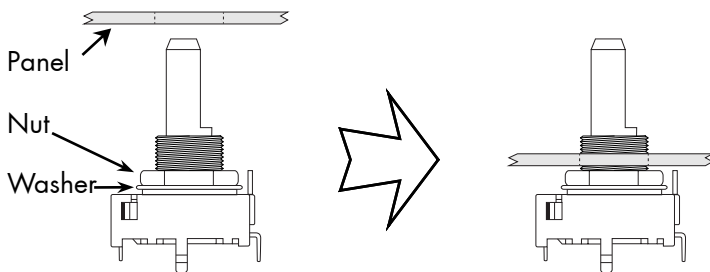
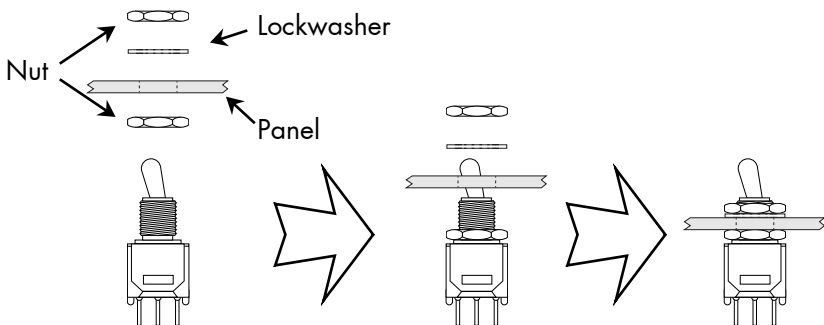
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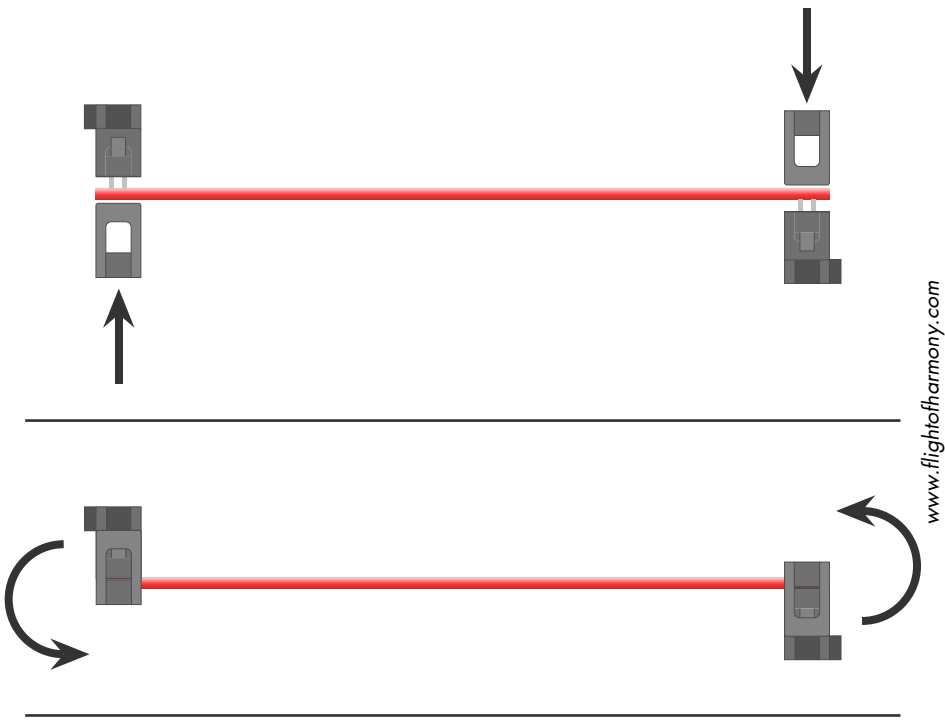
Assembly Notes

Break off tab on potentiometers.

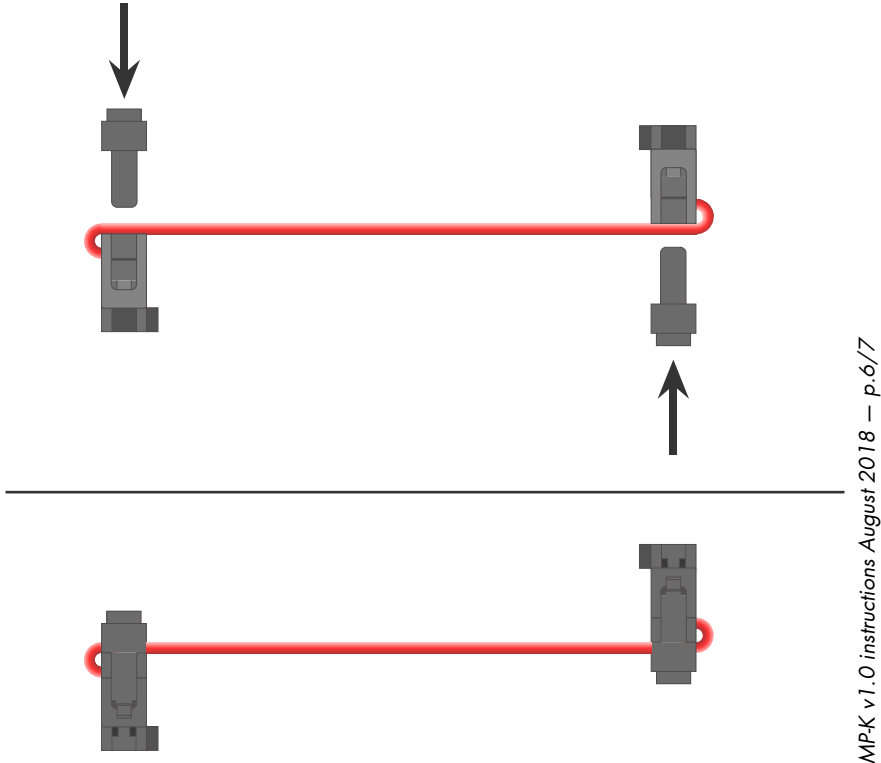


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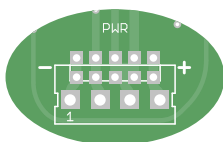


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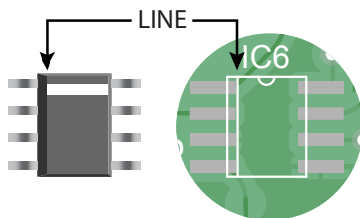
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Miscellaneous



Location for optional Frac-style power header (not supplied).

IC Orientation



Specifications

Supply Voltage	$\pm 12V$
Supply Current	$<150mA$ max
Output Voltage	$\pm 5V$
Control Voltage (CV) inputs	
Freq., Range	$0V \rightarrow +5V$
Width	$\pm 5V$
CV input coupling	Direct (DC)



WARNING

Static-sensitive components in kit.
Ground yourself before and during handling.
Warranty does not cover damage from static discharge.