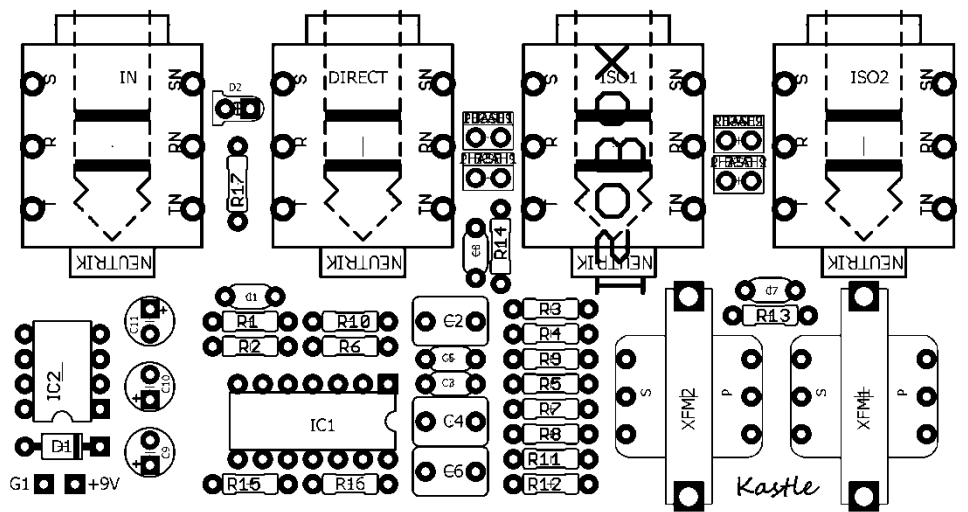


Iso box by Kastle (125B)



BOM

RESISTORS

R1	1M
R2	1M
R3	100k
R4	1k
R5	1M
R6	1M
R7	100k
R8	1k
R9	1M
R10	1M
R11	100k
R12	1k
R13	10k

R14	10k
R15	100k
R16	100k
R17	1k

CAPS

C1	100n
C2	1uF poly
C3	100n
C4	1uF poly
C5	100n
C6	1uF poly
C7	1n
C8	1n
C9	100uF elec

C10	10uF elec
C11	10uF elec

DIODES

D1	1N5817
D2	Led

IC

IC1	TL074
IC2	7660

Trafo

XFM1 & 2	42TM018
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SHOPPING LIST

Resistors

1k - 4

10k - 2

100k - 5

1M - 6

Caps

1n - 2

100n - 3

1uF - 3 poly

10uF - 2 (electro)

100uF - 1 (electro)

Diodes

1N5817 - 1

LED 3mm diffused - 1

IC

TL074 - 1

7660 Charge pump - 1

Trafo

42TM018 - 2

Switch

2pdt toggle on/on (optionally)

Jack

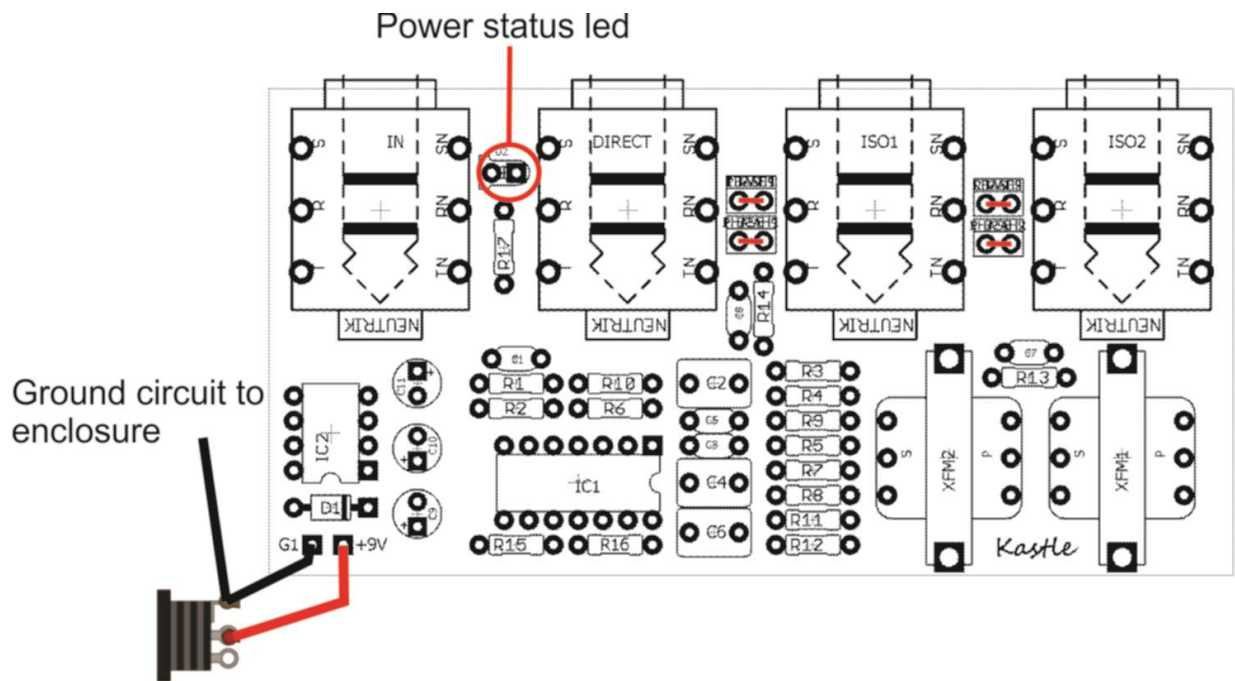
Amp style pcb jack - 4

Important note

When using Iso Box, always use first direct output, because it grounds circuit with first amp/device (iso1 and iso2 outputs grounds are isolated with trafo)

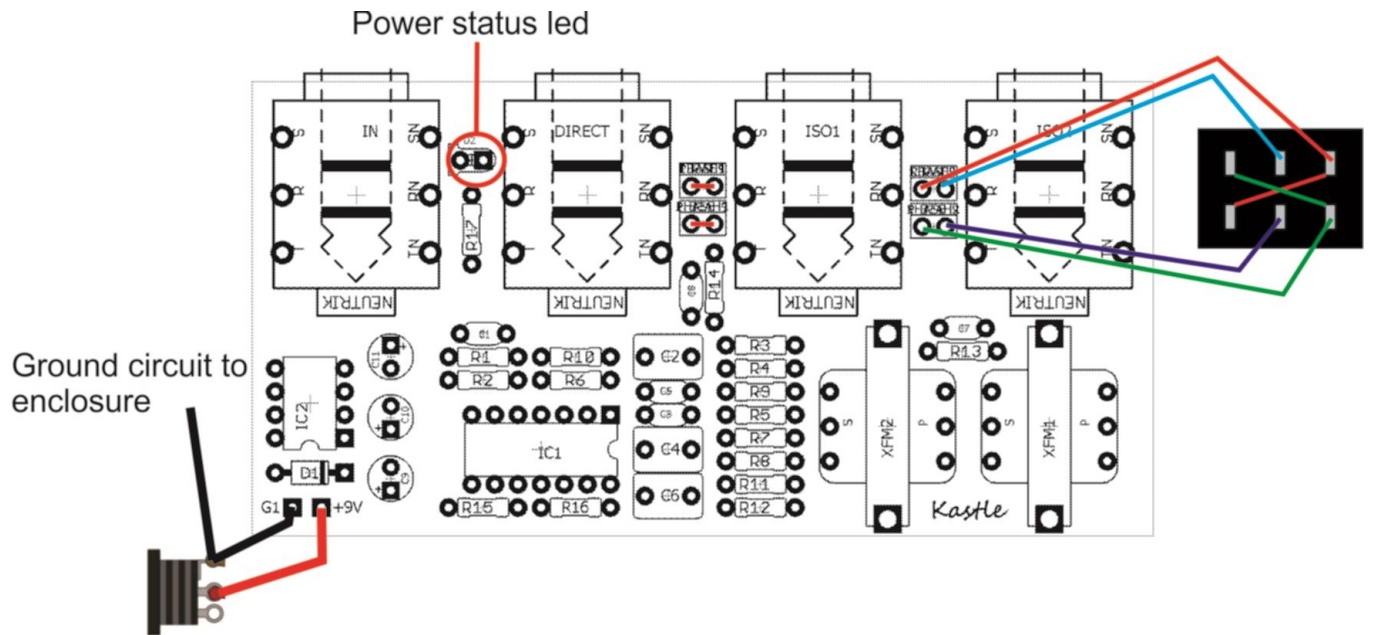
Wiring option 1

If you don't want to use inphase/out of phase options with the Iso1 and Iso2 outputs, solder red jumpers.



Wiring option 2

If you want to use inphase/out of phase options with the Iso1 and Iso2 outputs wire 2pdt on/on toggle switch on each output, depending if you want both outputs to have this option



Schematic

