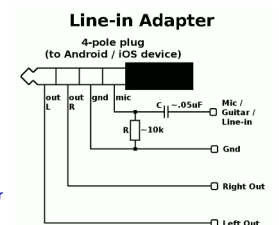


R8 is optional and only needed for headset/microphone input compatibility, see drawing on the right. There is no dedicated marking for R8 on the board. (e.g. solder across BNC socket or into J1)



- MK1 via for coincidence sandwich
- MK2 via for coincidence sandwich
- MK3 via for coincidence sandwich
- MK4 via for coincidence sandwich

Suitable aluminium die-cast enclosures (besides your favourite candy tin box):  
Multicomp G102MF (Farnell nr. 1902552), fits precisely including edge mount screws  
<http://uk.farnell.com/multicomp/g102mf/box-diecast-90x36x30mm/dp/1902552>  
Delttron 480-0010 (Farnell nr. 1774842), no mounting holes inside  
<http://uk.farnell.com/delttron-enclosures/480-0010/box-diecast-ip68/dp/1774842>

- MK5 M3 support
- MK6 M3 support
- MK7 M3 support

|   |                  |           |
|---|------------------|-----------|
| Low-Cost DIY Particle Detector for Ionising Radiation (mostly beta radiation/electrons)<br>Oliver Keller, oliver.michael.keller@cern.ch<br>inspired by Bernd Laquai's work on <a href="http://www.opengeiger.de">www.opengeiger.de</a><br>CERN Open Hardware License (CERN OHL V1.2)<br><b>CERN</b> |                  |           |
| Sheet: /<br>File: DIY_detector.sch  |                  |           |
| <b>Title: DIY Particle Detector</b>   |                  |           |
| Size: A4  | Date: 2018-09-16 | Rev: V1.1 |
| KiCad E.D.A. kicad (5.1.2-1)-1  | Id: 1/1          |           |