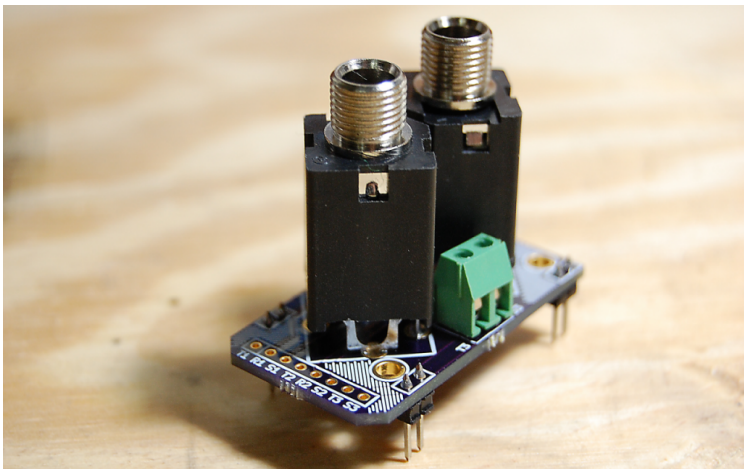
The Toymakers @ tymkrs.com
Questions? Please contact us:
feedback@tymkrs.com

DATASHEET



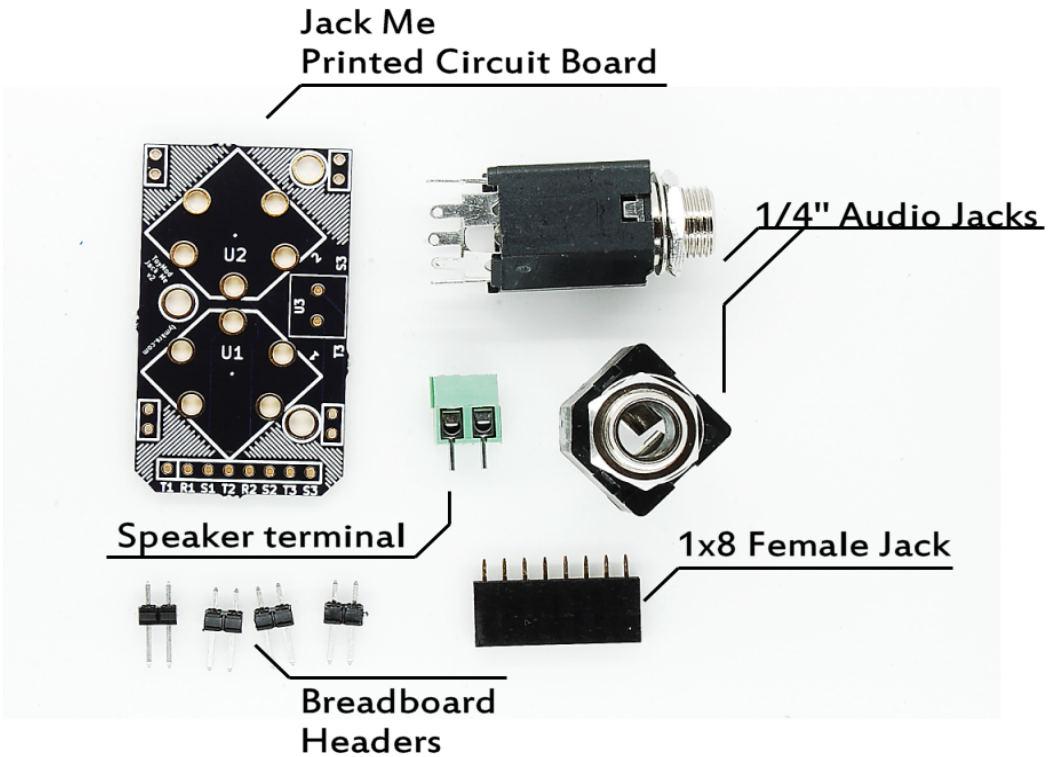
Jack Me

1/4" Jack Breakout Kit

The Jack Me kit is a module that allows breadboard-friendly access to 2 stereo 1/4" audio jacks and a speaker terminal.

- Kit Type: Through-hole soldering
- Assembly instructions: In datasheet
- Function: 1/4" stereo jack breakout board
- Allows use of stereo, mono, balanced, and unbalanced audio.

KIT CONTENTS



Contents of the Jack Me Kit:

- Jack Me printed circuit board (26.14 x 45.44 x 1.60mm)
- 4 – 1x2 male headers
- 1 – 1x8 female header
- Electrical Components

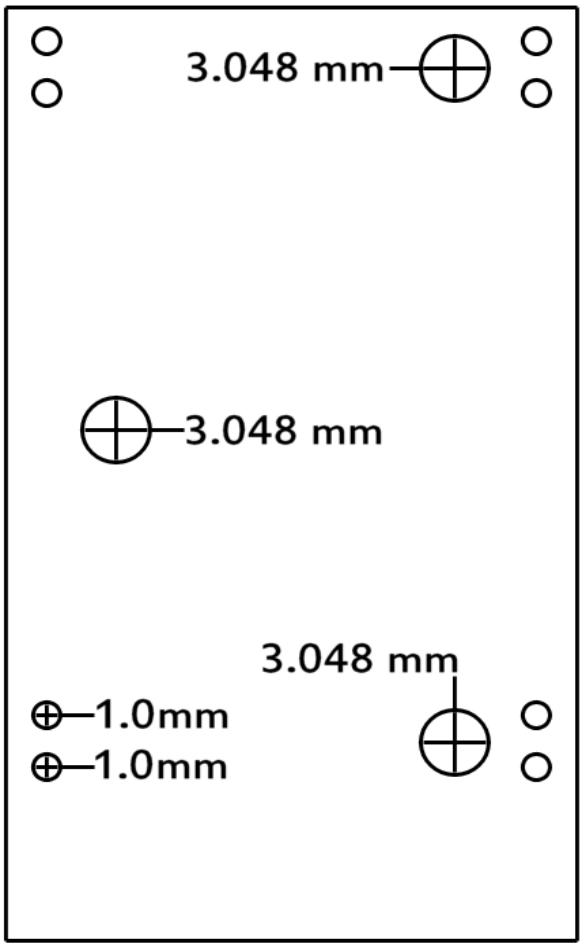
Electrical Components:

Reference	Quantity	Type	Value
U1	1	1/4" Audio Jack	Stereo
U2	1	1/4" Audio Jack	Stereo
U3	1	Terminal	Speaker

Speaker Terminal Ratings

Parameter	Ratings	Unit
Suitable for Wire	12 – 24	AWG
Current Rating	15 A @ 300 V	---
Insulation Resistance	5000 Megaohms / DC 1000 V	---

Mounting Holes:



Tools and material required for assembly (not included with the kit):

- Soldering iron
- Solder

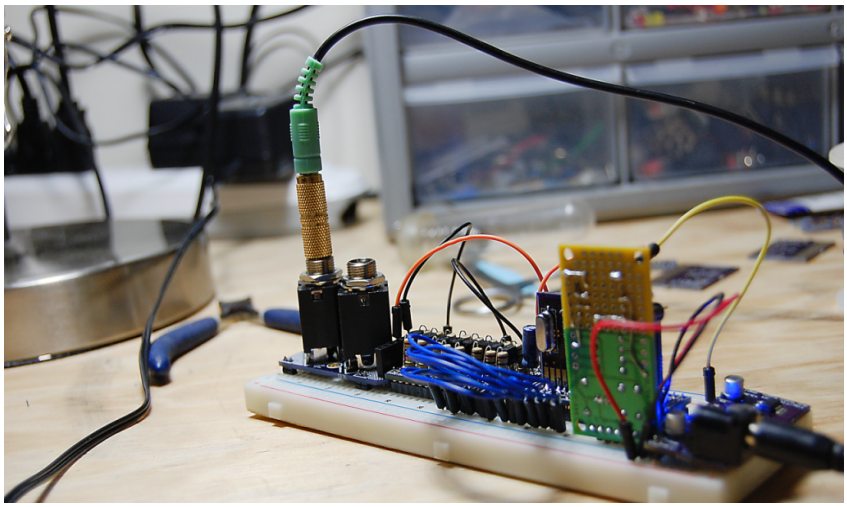
User provided items required for intended function:

- T/S or T/R/S audio cable

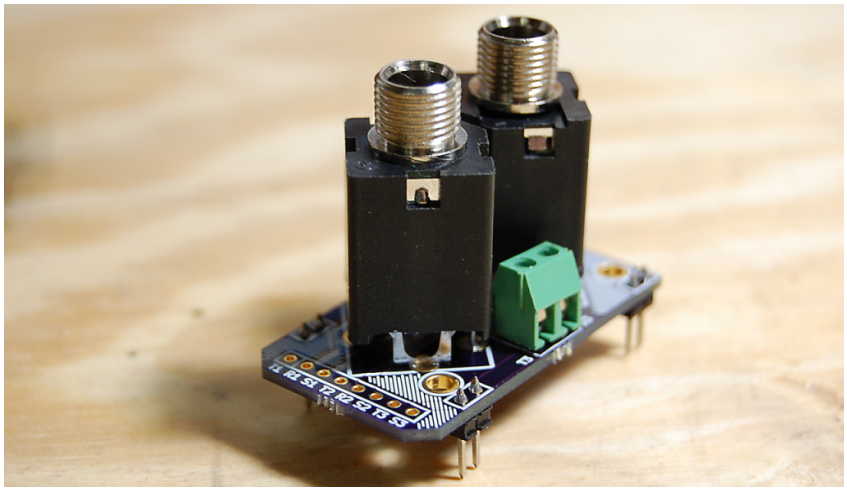
Additional physical/electrical specifications:

- Printed Circuit Board size: 1.03 x 1.79 x 0.063" (26.14 x 45.44 x 1.60mm)
- PCB thickness: 0.063" (1.60mm), not including any components
- PCB thickness: 1.457" (37mm), max height with audio jacks
- Mounting holes: 3 holes provided. See drawings for locations and size.
- Breadboard headers are not connected to the circuit electrically – they are for stability only.

Additional Picture:



Assembled PCB
in use



Assembled PCB
in all its glory!

Assembly Instructions

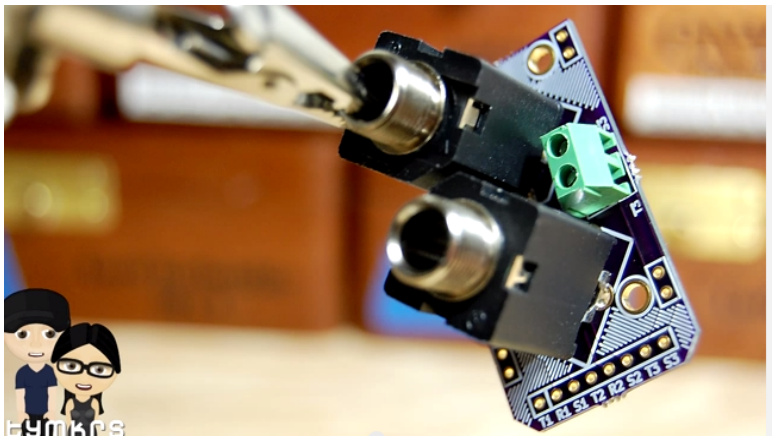
Build Notes:

- **Method of use:** This gives you breadboard-friendly access to 2 stereo 1/4" jacks and a speaker terminal by giving you access to Tip, Ring, and Shield of both audio jacks. There is also a speaker terminal your audio can go out on.
- To get audio signals from one jack to another, simply connect T1 to T2, R1 to R2, and S1 to S3! Or go T1/T2 to T3 and S1/2 to S3.

Step 1: Put in the components

U1/U2: 1/4" Audio Jacks

Match the angled corner of the quarter-inch jacks to the graphic on the PCB



U3: Speaker Terminal

Keep the terminal slots facing outwards (towards you) so that if you use it, you can put the wires in.

Step 2: Solder in the electrical components and clip the extra leads!

I use 60/40 1.3 mm gauge solder for these pads.