NEW INSTRUCTIONS COMING SOON. IF YOU HAVE ANY PROBLEMS, EMAIL US!
Bluetooth Speaker Kit Instructions

Kit Includes:
(a) Laser Cut Box  (f) USB Charging Module
(b) 2 Speakers  (g) Micro USB Cable
(c) LiPo Battery  (h) Switch
(d) Amplifier Board  (i) Wires/Heat Shrink
(e) Bluetooth Adapter

Getting Started
1) Check your parts list.
2) Read through the instructions.
3) Gather your tools.
4) Glue parts to frame
5) Solder solder components.
6) Charge battery.
7) Pair with your phone* and Dance!

Tools Needed:
- Soldering iron and accessories
- Glue
- Wire strippers
Bluetooth Speaker Kit Instructions

Start by gluing each speaker (b) to the frame. You will only need a little glue along the edge of each speaker. We provide super glue, but you can use a hot glue gun inside as well.

Insert the On/Off switch into the cutout that fits. If you need glue, apply a small amount on edge, but be careful not to freeze the switch permanently in one position.
Bluetooth Speaker Kit Instructions

Be sure to snug micro USB port as close to edge as possible – if set too deep it will be difficult to plug in micro USB cable for charging.

Start Soldering

Solder two red wires to each switch pin. You can cover the pins with heat shrink to protect the circuits from each other.
Solder 1 red wire coming from the switch to a red LiPo battery wire. Cover these wires with heat shrink.

Twist together 3 black wires. Solder these wires to the black battery wires.
Glue box side with switch to box side with charging module. The Micro USB port should line up with the small cut out. Solder red wire from switch that is on the same side as the red battery wire to the Charging module labeled BAT+.

Solder 1 black wire from battery to the Charging module labeled BAT-. Note: slide heat shrink on battery wire before soldering so you can shrink over joint.
Bluetooth Speaker Kit Instructions

Insert audio cable into jack on bluetooth adapter (green). Cut the audio cable to expose 3 wires (red, blue, yellow) which you will solder to the red amplifier board.

Solder 1 red switch wire (from other pin) to the bluetooth adapter as shown.
Solder a 2nd black wire from the battery to the bluetooth adapter as shown.

Solder the wires from the audio cable to the amplifier.

LN: red wire
GND: yellow wire
RN: blue wire

Plugs into bluetooth adapter
Solder remaining red switch wire and remaining black battery wire to the amplifier board.

GND: black wire
+5: red wire

Solder 1 blue and 1 white wire to each of the speaker terminals. Positive and Negative terminals just need to be consistent with your colors and the location on the amplifier.

+: blue
-: white
Solder the speaker wires to amplifier as outlined. Fitting all the wires from the audio cable, battery and speakers gets very tight and requires a lot of patience!

$R^+: \text{blue}$
$R^-: \text{white}$
$L^+: \text{blue}$
$L^-: \text{white}$
Now that your circuit is complete, test that it works (turn it on) and that it will pair with your playing device*. If you hear some static, check your solder connections and charge your battery.

*No guarantee that bluetooth will pair with your device. Has worked with both iPhone and Android OS Smartphones

You have now completed a Kitables Kit! If you have questions, check out our FAQ at Kitables.co or email us at info@kitables.co