



# SKIINGNINJA

Wellington, Colorado

www.skiingninja.com

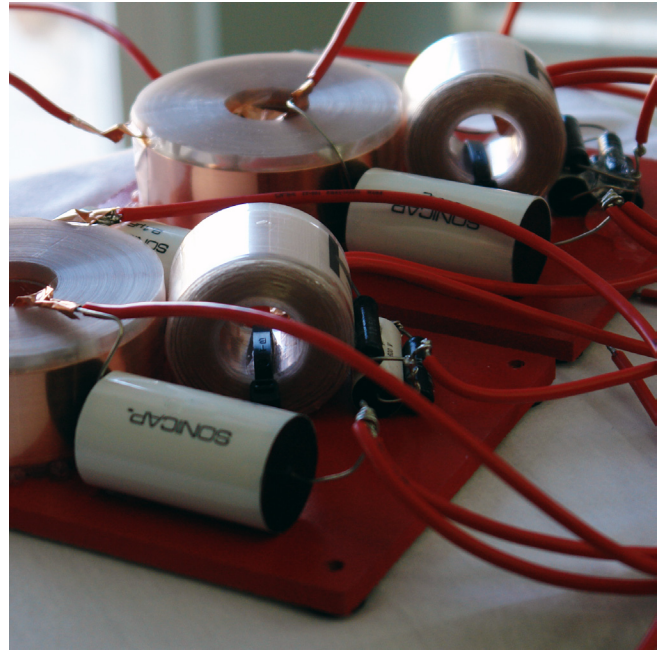
Emergency Tech Support:

720.335.2261

## What's Included?

- Ninja Networks (2)
- Ninja Speaker Labels (2)
- Screws and Stand Offs
- Solder
- Heat Shrink Tubing

(note: optional items purchased will not be listed here)



# X-CS ENCORE NINJA MASTER

- 1. To** begin you must remove the two woofers and tweeter. The allen screws that hold these in are either 3mm or 1/8" depending on time of production. De-solder and set aside. Note: if you opted for the wire nuts or copper connectors, do not de-solder the drivers; instead, cut the wires to each driver leaving ~6" of wire on each.
- 2. Remove** the existing crossover. Note: if you opted for the wire nuts or copper connectors, do not de-solder the crossover; instead, cut the wires leaving ~6" of wire on each connection.
- 3. Use** the supplied SPAX screws to secure the crossover board. Be sure to set one of the supplied rubber stand offs under each corner of the board as you go. We recommend using hot melt glue or other adhesive to secure the stand offs before installing the board.

### Tools you will need:

- Soldering iron
- Heat gun or hair dryer with high setting
- Wire crimp tool or Pliers
- Hot glue/hot glue gun, super glue or similar
- Philips Head Screwdriver
- 3mm or 1/8" Allen wrench

### Helpful Hint:

This is not intended to be an all encompassing step by step guide to crossover installation but it will give you enough information to take care of the basics.

If you have any questions, please do not hesitate to email us at [info@skiingninja.com](mailto:info@skiingninja.com).

If you are stuck, call our emergency help line at:

720.335.2261



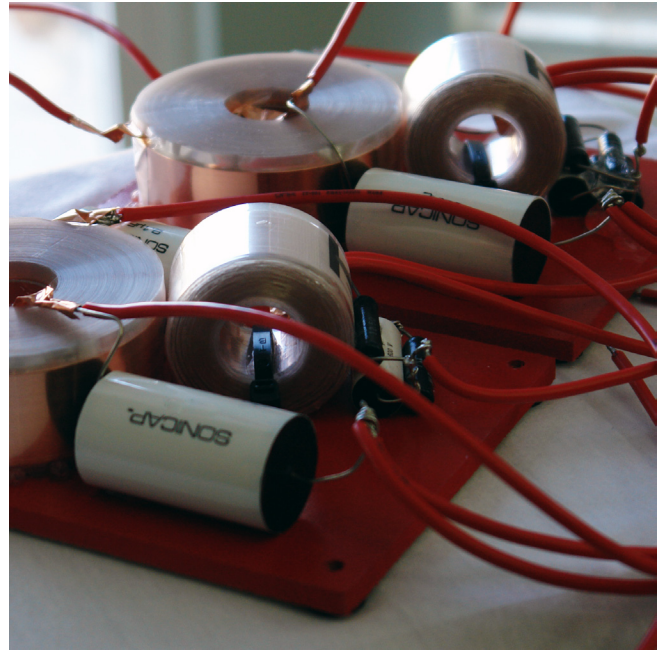
# SKIINGNINJA

Wellington, Colorado

[www.skiingninja.com](http://www.skiingninja.com)

Emergency Tech Support:

720.335.2261



4. **O**nce all the screws are tightened, you can begin soldering the wires to the tabs on the drivers. Go slow when connecting the drivers and pay special attention to the polarity for each. The larger tab (or red marked tab) on each driver is positive.

5. **O**n the new network, there are IN+ and IN- wires. Locate these wires. Next, locate the wire leading from the positive (red) binding post. Place a piece of heat shrink tubing over the binding post wire and slide down the wire to get it out of the way. Holding together the IN+ wires from the new network, mate up with the wire leading from the positive (red) binding post and solder all together. Use a hair dryer or heat gun to shrink the tubing over the new connection. If you opted for copper connectors or wire nuts, utilize those instead of soldering. Repeat for IN- (negative/black).

Alternatively you can solder the new positive and negative wires to the binding posts directly however this is more difficult as the binding post acts as a heat sink.

6. **W**e suggest reinstalling only two screws in each driver in opposite corners and testing by connecting the speaker to your system before installing and tightening every screw to ensure proper operation. Don't play your system too loudly or evaluate the sound quality until full reassembly is complete.

7. **E**njoy!