



Tritton Kunai Headphone Jack Replacement

Replacing the TRRS 3.5mm jack on the Kunai Tritton headphones with mic. *Not the 2 separate TRS 3.5mm jack after the volume controls for the mic and sound.

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INTRODUCTION

Cutting the bad jack off.

Testing wire colors vs TRRS jack.

Trimming the wires.

Testing new TRRS jack vs contact point.

Tinning the contact points.

Soldering on the new jack.

TOOLS:

- Utility Scissors (1)
- Knife or razor (1)
- Lighter (1)
- Soldering Iron (1)
- Multimeter with ohm testing (1)
- Shrink wrap or electrical tape (1)

PARTS:

- New 3.5mm TRRS jack (1)

Step 1 — Cut off the bad jack



- Cut off the bad jack with 1 inch of wire. You need a bit of wire because you will need to test which color wire corresponds to which section on the jack. Every device uses different color wires, so testing your individual device will insure accurate first try connections.

Step 2 — Trimming the wires



- Trim the black wire cover back 1 inch to expose the 4 wires and nylon string inside. Red = mic = sleeve. Blue = right headphone = ring 1. White = left headphone = tip. Copper = ground = ring 2.

Step 3 — Trim small wires



- Trim the small wires (red, blue, white) by burning the tips of the wires. Separate each wire and burn them back about 1/4 inch. Then use a knife or razor to scrape the tips clean. The copper wire strands will be separated and exposed already. Collect all the copper strands and twist them together.

Step 4 — Tin the exposed wire tips



- Tin the wires by heating the wire with the soldering iron and applying the solder wire. Apply the soldering wire between the soldering wire and wire to get it started. Then continue to apply solder to the wire. Tin all 4 wires.
- Tinning all connection points will help make soldering the wires to the contact points on the new jack easier.

Test your mic and sound and enjoy a job well done.