

Y-Cable Replacement

What does this do?

Replaces bulky y-cables. Great for use in small diameter sub drivers, 2.5 and 3.5 inch.

What else is needed?

A female to female servo cable.

How does it work?

Plug the female to female cable into your receiver and any connection on the 9-pin board. Plug in the cable in the direction of the black line on the bottom of the board. Plug other cables into the other connections. Be sure that the signal cables are plugged into the same side together.

Test. Done.

What should I not do?

Do not plug in the cables across the line (90 degrees to the line) on the back of the board! If you do, you will be shorting the positive, negative and signal cables of the receiver.

How is it made? Easy to make your own.

A PC board was etched for three rows of three pins. You need to give extra space between boards for cutting.

A forty pin header connector set was purchased from Amazon. Groups of three pins were cut from the header.

Three sets of three pin connectors were soldered to the board.

The solder connections were ground down with a Dremel.

Tested for shorts and continuity.

Dipped the soldered side in epoxy resin and place on styrene.

Each board was cut from the styrene sheet and filed down for make it look pretty.

Tested for shorts and continuity.

Done.

Parts required, Amazon search for...

- Chanzon Pin Header Strip for Arduino Gpio 40 pin x 10pcs Male Headers Pins Straight Single Row Gold Plated Pitch 2.54mm 0.1 inch Breakaway for PCB Connector Machine Breadboard Electronic Circuit Board
https://www.amazon.com/dp/B09MYBRW3F?psc=1&ref=ppx_yo2ov_dt_b_product_details
- 10 PCS 73mm x 100mm PCB Board Prototype Kit Protoboard Copper Strip Board Circuit Board Breadboards 957 Holes Perfboard Universal Printed Circuit Breadboard for DIY Soldering Electronic Projects
https://www.amazon.com/Prototype-Perfboard-Breadboard-Electronic-Experiments/dp/B09BCT2T8W/ref=sr_1_8?crid=2WCJK1BHU1FFG&keywords=pcb+single+perf+board&qid=1697644511&srefix=pcb+single+perf+board%2Caps%2C85&sr=8-8



