

Red River and Mackenzie XLR Bulk Spool Termination Manual

Thank you for choosing AudioQuest. This manual provides instruction for preparing and terminating Red River and Mackenzie bulk (unterminated) cable.

Please be careful when using sharp tools. We recommend wearing safety glasses.

To terminate AudioQuest interconnect cables you will need the following tools:

- **Sharp knife or razor blade**
- **Wire stripper**
- **Phillips screwdrivers**
- **Needle-nose pliers**
- **Wire cutter**
- **Rivers Interconnect Crimping Tool**

Red River and Mackenzie XLR

These instructions apply to Red River and Mackenzie.

The directionality of the cable follows the direction of the printing from source to destination and is indicated by arrows.

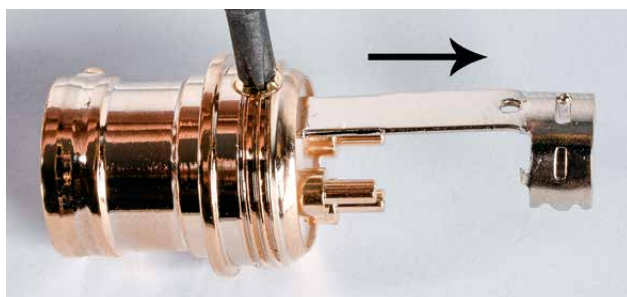
Step 1

On both ends of the cable, strip jacket back 0.5" and remove PVC and foil to expose the dielectrics and drain wire. Remove the drain wire on the source end. Strip the wires and leave an even amount of PVC on each conductor. Trim evenly.



Step 2

Remove the screw holding the strain relief in place and set it aside. Remove the strain relief by pulling it away from the plug. You have to remove the strain relief so that the plug will fit into the crimping tool. You will put the strain relief back in place later. Remove the strain relief from both the male and female XLR plugs.



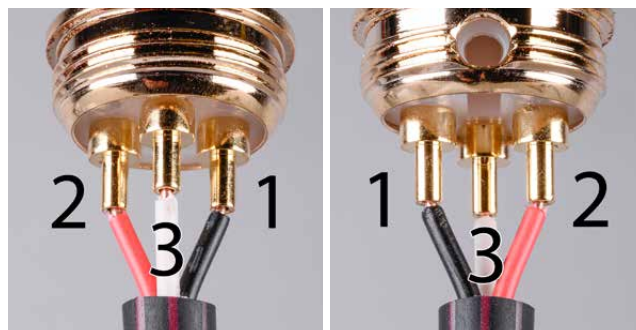
Step 3

Put the barrel on the cable.



Step 4

Slide the conductors into the crimping terminals on the female XLR plug: 2 = Red, 3 = White, 1 = Black.



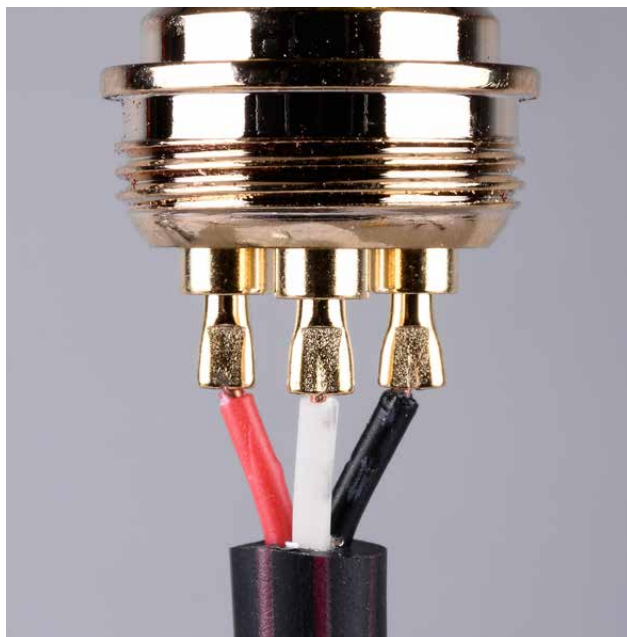
Crimp tightly with the crimping tool.



Red River and Mackenzie XLR

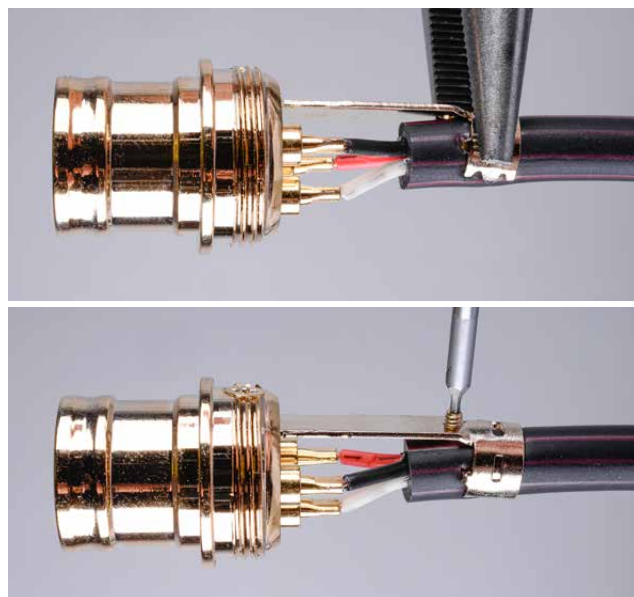
Step 5

This is what the plug will look like when correctly crimped.



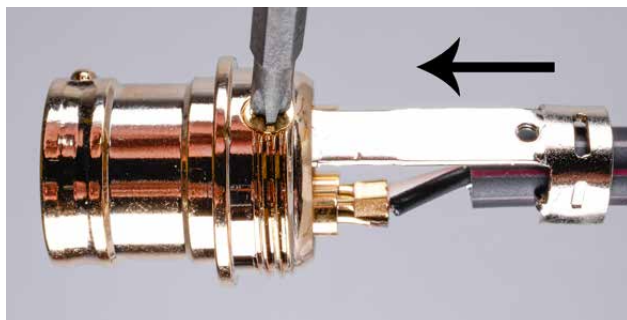
Step 7

Use pliers to crimp the claw around the PVC jacket. Fasten the set screw on the underside of the strain relief.



Step 6

To put the strain relief back in place, make the crimping claw a little wider using small pliers so that it will fit around the PVC jacket. Slide the strain relief into place.



Step 8

Slide the barrel up and screw it tightly closed.



Red River and Mackenzie XLR

Step 9

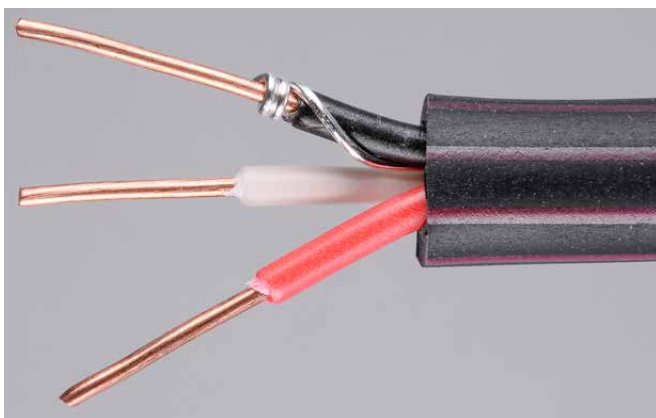
When terminating the other end, **DO NOT** remove the drain wire. Follow the same instructions to expose the dielectrics.

Pull the drain wire to the side. Strip the black PVC jacket a little more than the red and white jackets.



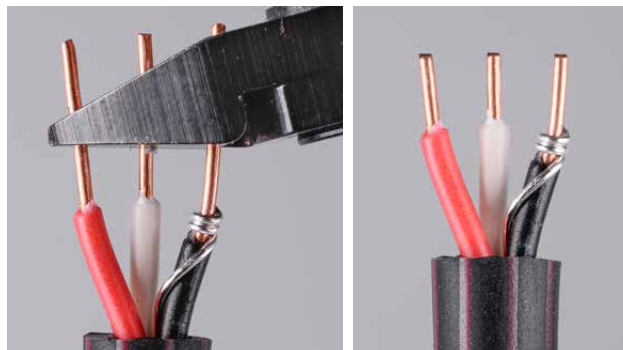
Step 10

Carefully wrap the drain wire around the extra portion of the black wire that was removed.



Step 11

Trim off excess wires evenly.



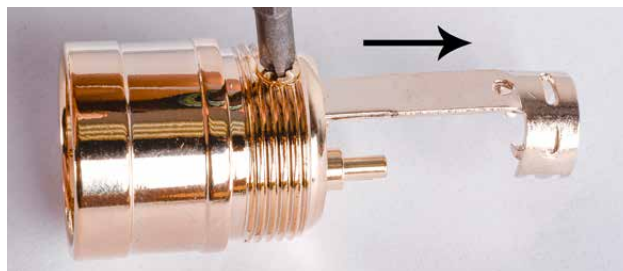
Step 12

Place barrel on the cable.



Step 13

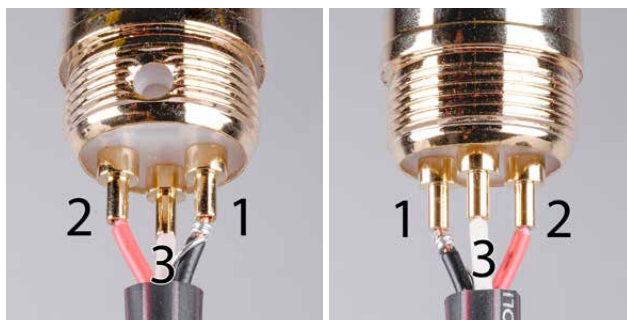
If you didn't already while following step 2, remove the screw holding the strain relief in place and set it aside. Remove the strain relief by pulling it away from the plug. You must remove the strain relief so that the plug will fit into the crimping tool. You will put the strain relief back in place later.



Red River and Mackenzie XLR

Step 14

Slide the conductors into the crimping terminals on the male XLR plug: 2 = Red, 3 = White, 1 = Black. Front and back views shown.



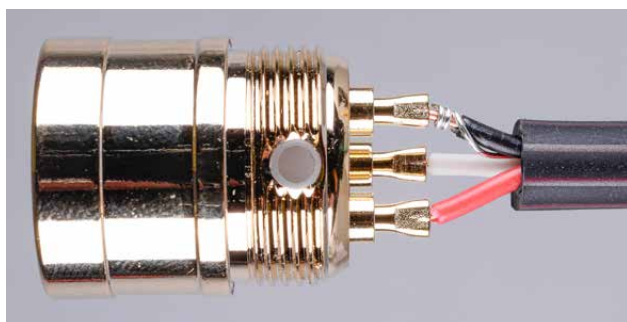
Step 15

Crimp tightly with the crimping tool.



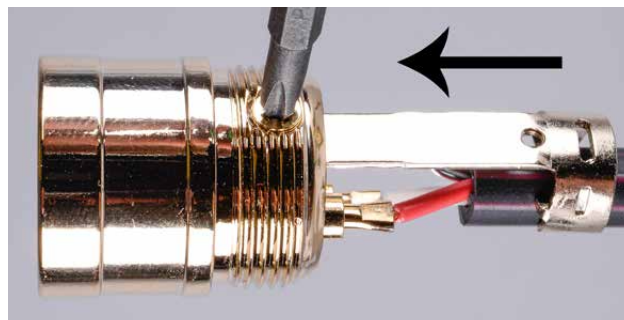
Step 16

This is what the plug will look like when correctly crimped.



Step 17

Slide the strain relief back into place and affix screw.



Step 18

Use pliers to crimp the claw around the PVC jacket. Fasten the set screw on the underside of the strain relief.



Step 19

Slide the barrel up and screw it tightly closed.



If you have any questions or concerns – please call AudioQuest at (949) 790-6000 or email: info@audioquest.com

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