

# Red River and Mackenzie RCA Bulk Spool Termination Manual

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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**
- **Needle-nose pliers**
- **Wire cutter**
- **Rivers Interconnect Crimping Tool**

# Red River and Mackenzie RCA

**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.**

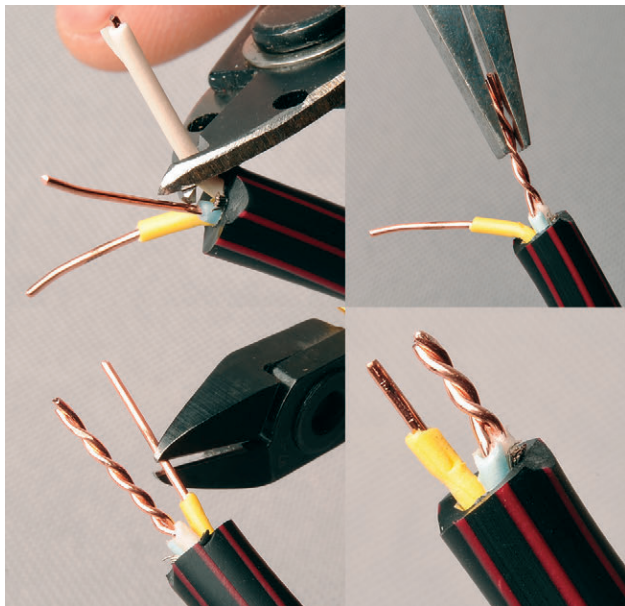
## Step 1

On both ends of the cable, strip jacket back 0.5" and remove PVC and foil to expose the dielectrics and drain wire.



## Step 2

Remove drain wire on the source end. Strip the dielectrics leaving some of the yellow PVC exposed. Strip the blue and white PVC as close to the jacket as possible and tightly twist them together. Trim off the excess conductors.



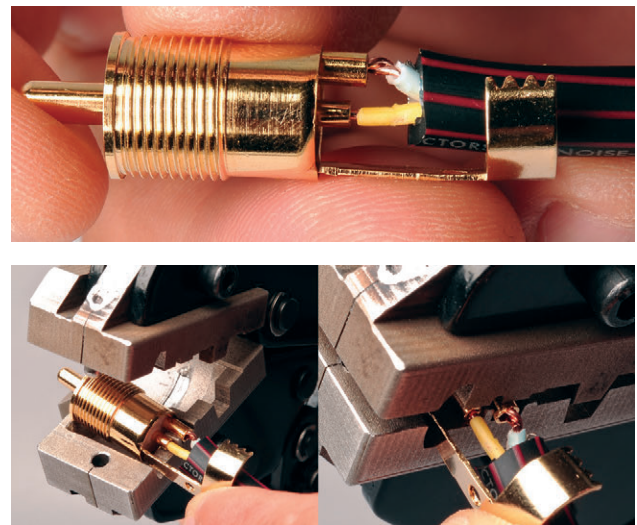
## Step 3

Put the correct barrel on the cable, making sure the arrow on the barrel follows the direction of the cable.



## Step 4

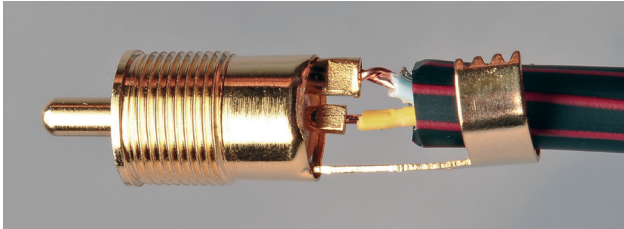
Place wires into crimping terminals and crimp tightly with the crimping tool.



# Red River and Mackenzie RCA

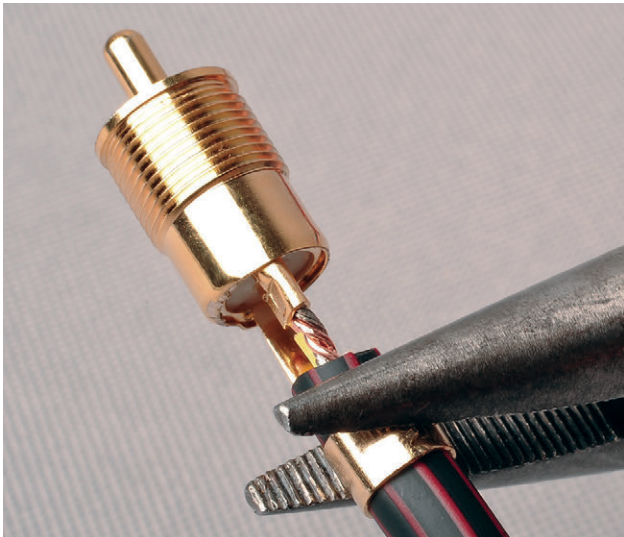
## Step 5

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



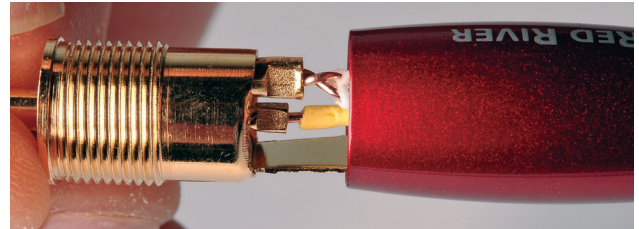
## Step 6

Use pliers to crimp strain relief around the PVC jacket.



## Step 7

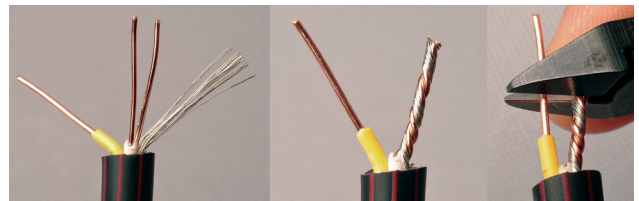
Slide barrel over the termination and screw it closed.



## Step 8

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

Tightly twist the drain wire with the exposed blue and white conductors and trim the conductors.



## Step 9

Put the barrel on the cable.

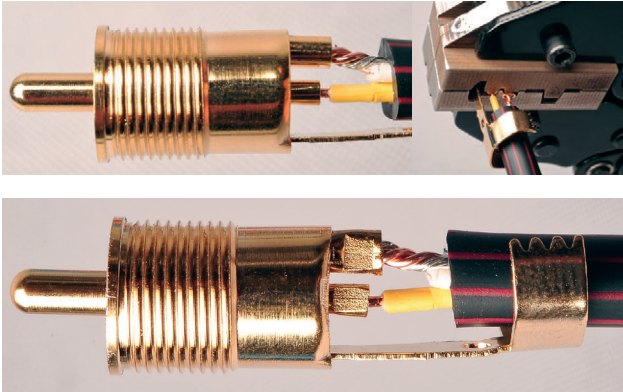




# Red River and Mackenzie RCA

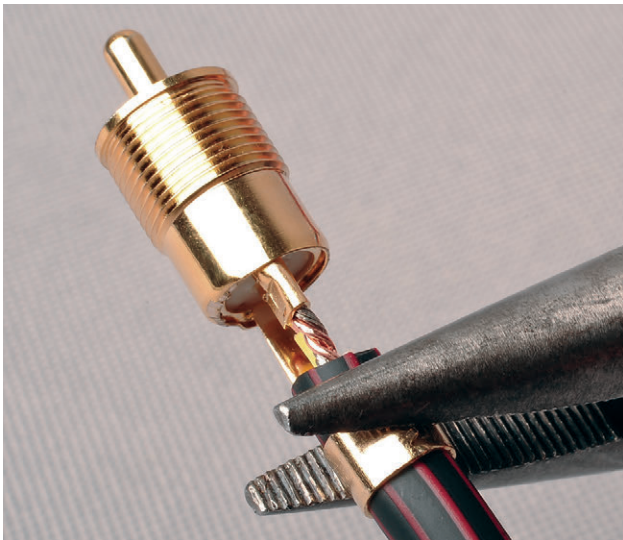
## Step 10

Place wires into crimping terminals and crimp tightly using crimping tool.



## Step 11

Use pliers to crimp strain relief around the PVC jacket.



## Step 12

Finish by sliding the barrel over the termination and screwing it closed.



# Red River and Mackenzie XLR Bulk Spool Termination Manual

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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**

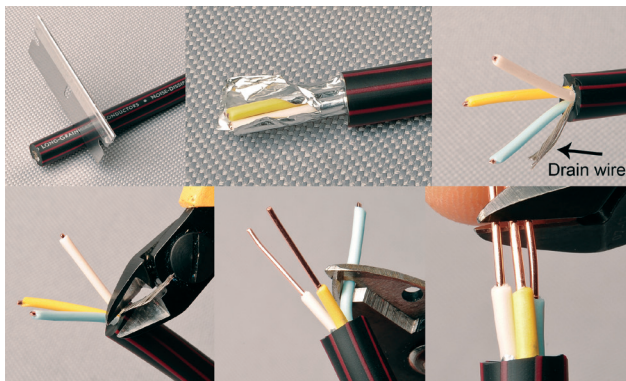
# Red River and Mackenzie XLR

**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.**

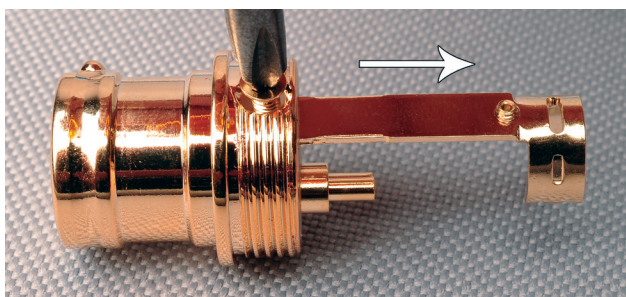
## Step 1

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.



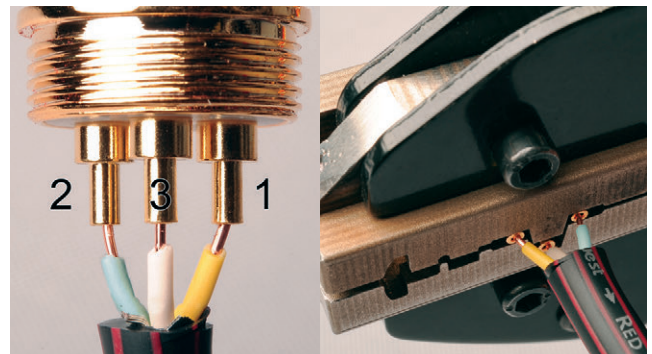
## Step 3

Put the barrel on the cable.

## Step 4

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

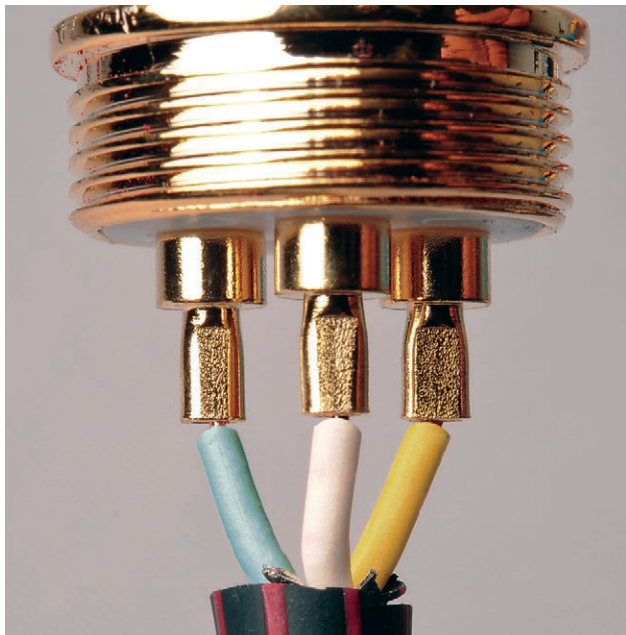
Crimp tightly with the crimping tool.



# Red River and Mackenzie XLR

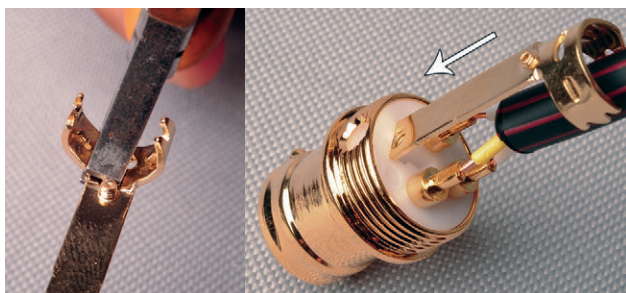
## Step 5

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



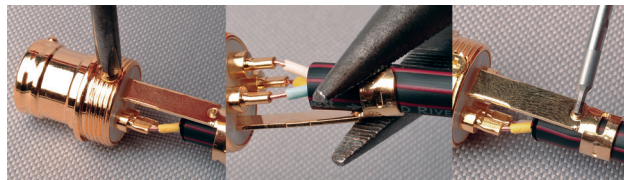
## Step 6

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 7

Secure the strain relief with the screw that was removed, then use pliers to crimp the claw around the PVC jacket. Fasten the set screw on the underside of the strain relief.



## 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.

Tightly twist the drain wire and pull to the side. Strip the PVC jackets the same length. Trim off the excess wire evenly.



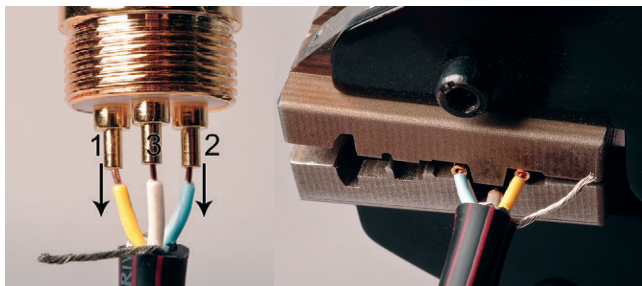
## Step 10

Put the barrel on the cable.

## Step 11

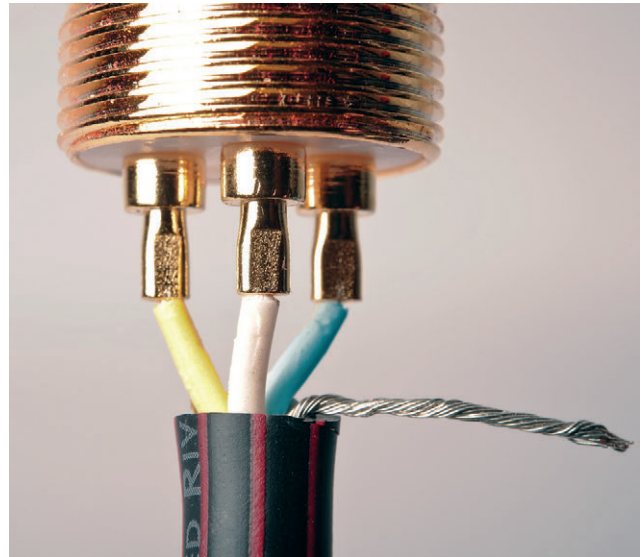
Slide the conductors into the crimping terminals on the male XLR plug: 1 = Yellow, 3 = White, 2 = Blue.

Crimp tightly with the crimping tool.



## Step 12

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

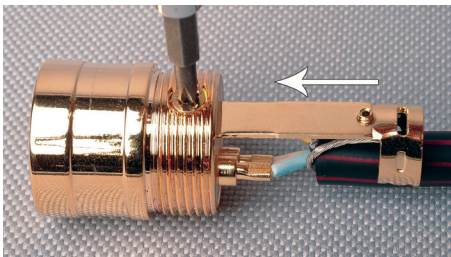
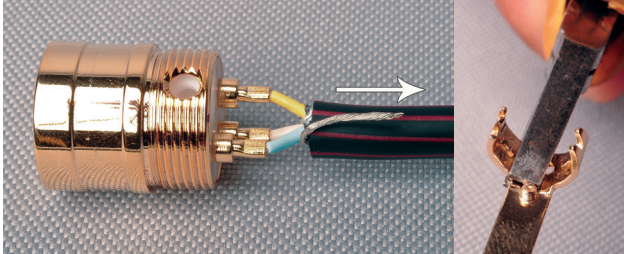




# Red River and Mackenzie XLR

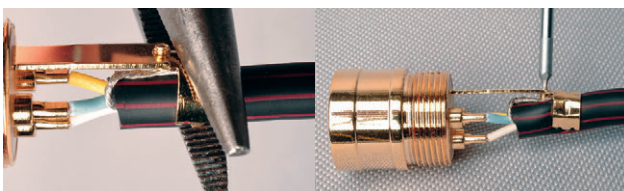
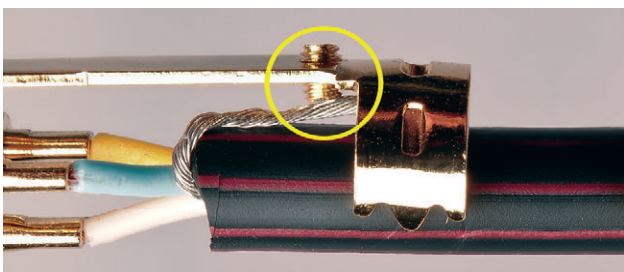
## Step 13

Align the drain wire with the hole for the screw that fastens the strain relief. Use pliers to open the strain relief claw so that it will fit around the PVC jacket. Fasten into place with the screw.



## Step 14

Align the set screw by the claw to be on top of the drain wire. Use pliers to crimp the claw around the PVC jacket. Fasten the set screw so that it presses down onto the drain wire.



## Step 15

Slide the barrel up and screw it tightly closed.

