

**Shortening the Cable:** With all new MX models being connected to the in-line preamp with a TA4F connector, it is now more difficult for an installer to shorten the cable length. In order to change the cable length, the existing TA4F adapter must be removed, cable must be shortened, and a new TA4F adapter must be reattached. Most TA4F parts can be reused. Installer will need to purchase a new ferrule (P/N 31A2135) in order to successfully reattach adapter with ensured immunity.

- Step 1:** Loosen the hex set screw using a .038 hex wrench and remove the existing TA4F connector housing.
- Step 2:** Shorten cable to desired length. Carefully strip cable, removing the sheath.
- Step 3:** Loosen the copper shield/GND. Using a pointed tip, carefully unbraided strands and comb copper so it is straight.
- Step 4:** Comb the unbraided copper strands back against the cable and make sure copper is evenly distributed around the cable. Strip and tin the +/- connections.
- Step 5:** Insert the ferrule over the copper cable, small side down. Slide the ferrule over the cable up to the bottom edge of the cup.

**! IMPORTANT:** Make sure copper does not come into the cup. Do not twist the ferrule.

- Step 6:** Using a hexagonal .128 crimping tool, crimp the ferrule onto the cable. Make sure not to over crimp.
- Step 7:** Trim excess copper.
- Step 8:** Insert TA4F spacer and solder audio wires to TA4F.
- Step 9:** Twist TA4F receptacle to tighten slack.
- Step 10:** Reattach TA4F connector housing and tighten the hex set screw.

