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C91-20AX
Auxiliary Audio Input Cable
P/N 40892G-21

The Auxiliary Audio connection is intended for use with line-level devices only. Typical connections include a portable CD/MP3 player's headphone jack or the "Preamp Output" RCA jacks on a car/marine stereo. This cable can also be used to route audio from the Digital Intercom System to another device (such as a camera or recorder). Additionally, this cable can be used to interface to a smart phone.

IMPORTANT: To connect to the External Speaker terminals of a communications or weather radio that has balanced audio DO NOT use an aux connection. Instead use a radio connection.

Failure to observe this warning may result in damage to the radio and/or the 9100 Digital Intercom.

Parts/Tools Required

- ❑ A U9102 Radio/Aux card installed in the Master Station
- ❑ C91-20AX Auxiliary Audio Cable (40892G-21)
  - Includes 3.5mm Female to Left/Right RCA Plugs Adapter
- ❑ Wire cutters/Wire strippers
- ❑ Soldering iron/Solder
- ❑ Heat-shrink tubing
- ❑ Wire ties

Procedure

- ❑ Route the C91-20AX Cable between the source and the Master Station. The cable should be routed using under-deck conduits and be as far as possible from radio antenna coax cables and anywhere water may collect. Use wire ties where necessary.
- ❑ Connect the cable to Port 3 (Aux Out) or Port 4 (Aux In or smartphone) on the U9102 card in the Master Station. Align red keyways and push. Pull back gently on the connector to ensure it is properly locked.

- **For Portable CD/MP3/Smartphone installation:**
  - ❑ Plug 3.5mm male into the device's 3.5mm jack labeled "Line Out" or "Headphones".
  - ❑ Adjust device's volume to 75% to start. Make further adjustments if necessary.
- **For Car/Marine Stereo installation:**
  - ❑ Locate the "Preamp Output" RCA jacks on the stereo. Some models require an additional adapter from the manufacturer to access these jacks.
  - ❑ Connect the supplied 3.5mm to RCA adapter cable to the stereo's output RCA jacks.
  - ❑ Connect the C91-20AX cable to the adapter cable's 3.5mm jack.
  - ❑ Use a waterproof, outdoor cable/coax sealant to ensure that no moisture can enter the contacts of the RCA plugs and the 3.5mm connections.

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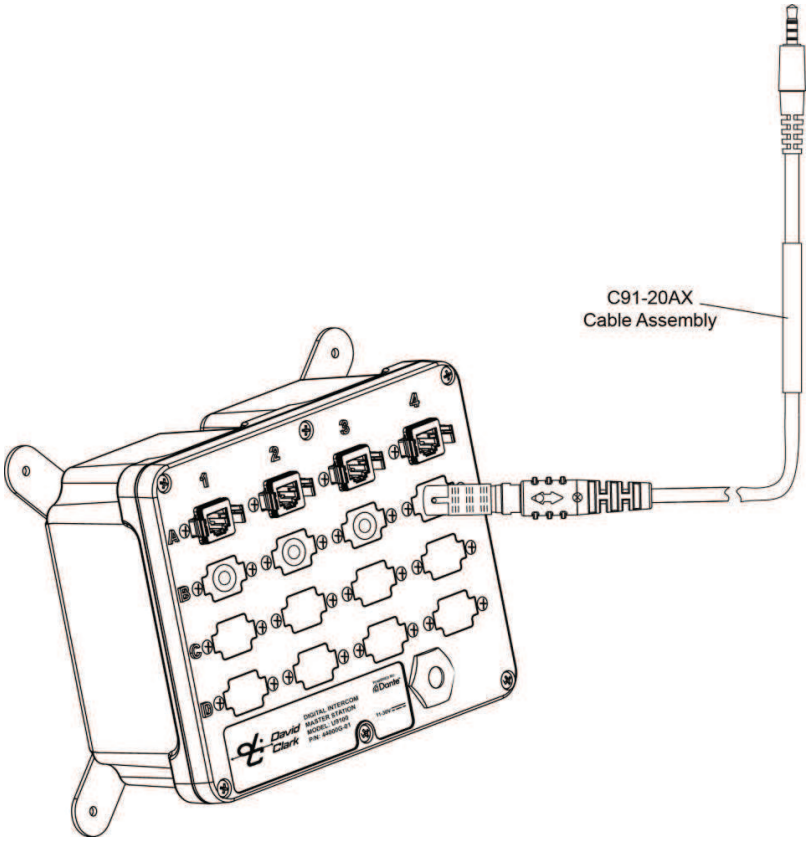
C91-20AX
Cable Assembly
1
2
3
4
A
B
C
D

Fig. 1

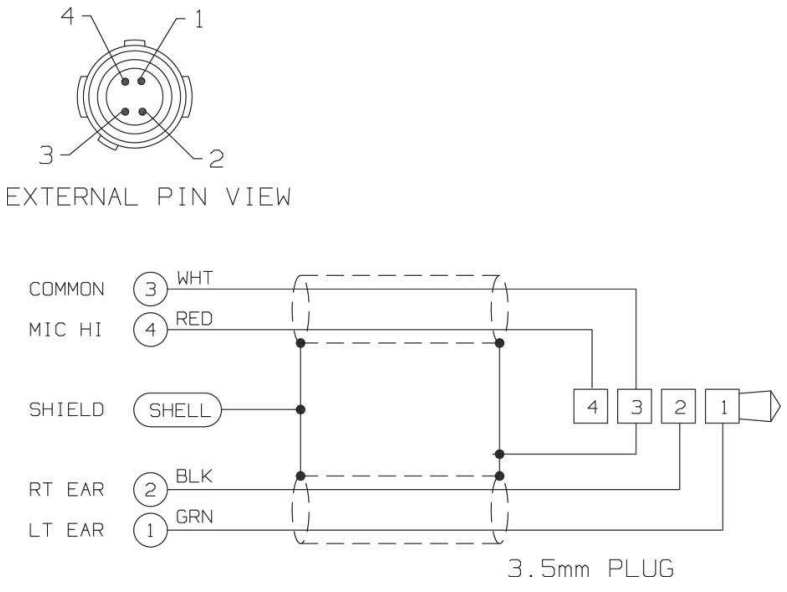
4
1
3
2
EXTERNAL PIN VIEW
COMMON
3
WHT
MIC HI
4
RED
SHIELD
SHELL
RT EAR
2
BLK
LT EAR
1
GRN
4
3
2
1
3.5mm PLUG

Fig. 2