H-D BoomBox 6.5 and BT Helmet Headset Interconnection

Colin Buckup 10/29/15

Intercom Architecture

Services:

- CB Radio 2 way
- Nav Guidance (GPS)
- FM Radio

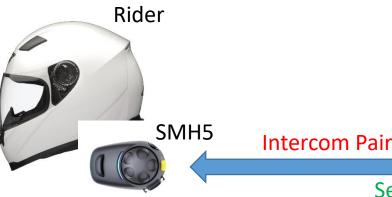
HFP Multi Pairing

0116 Cable w/ DIN connector



SR-10

Boom Box 6.5



A2DP and HFP Pairing

Intercom Pairing

Services:

- Intercom
- Music Stream Sharing

Services:

- Phone Call
- Nav Guidance (Waze)



Service Priority:

- **Phone Call**
- CB Radio / Nav Guide over SR-10

Passenger

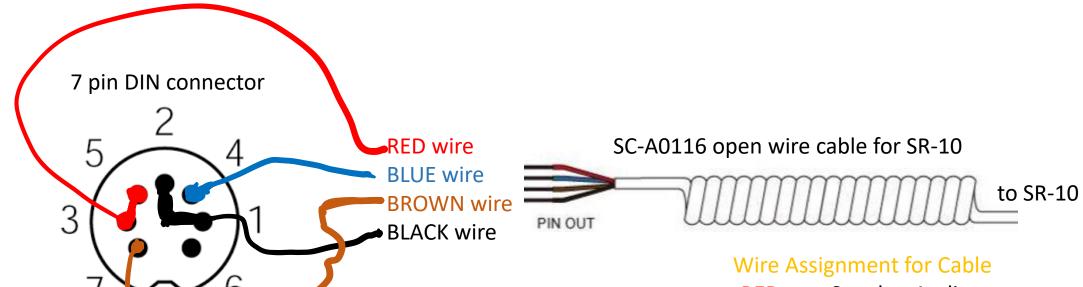
SMH5

- Intercom w/ other SMH5
- **Music Streaming Share**
- FM Radio (if SMH5-FM)
- **Music Streaming**





Adapter Cable for SR-10 / 7 pin DIN H-D



H-D pinout for DIN connector

- 1- Microphone GND
- 2- Speaker GND
- 3- Speaker Audio Right OUT
- 4- Microphone IN
- 5- Speaker Audio Left OUT
- 6- Shield
- 7- N/C

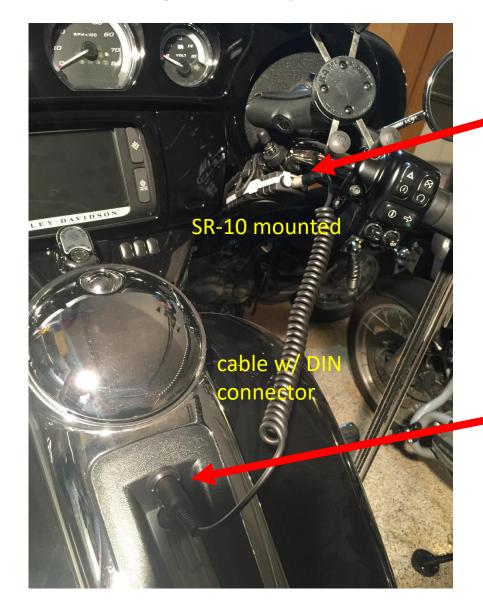
RED Speaker Audio

BLUE Microphone

BROWN PTT (not used)

BLACK Ground - GND

Mounting all the parts





SR-10



SMH-5



7 pin DIN Cable for SR-10