Part Number: 110-5165-30

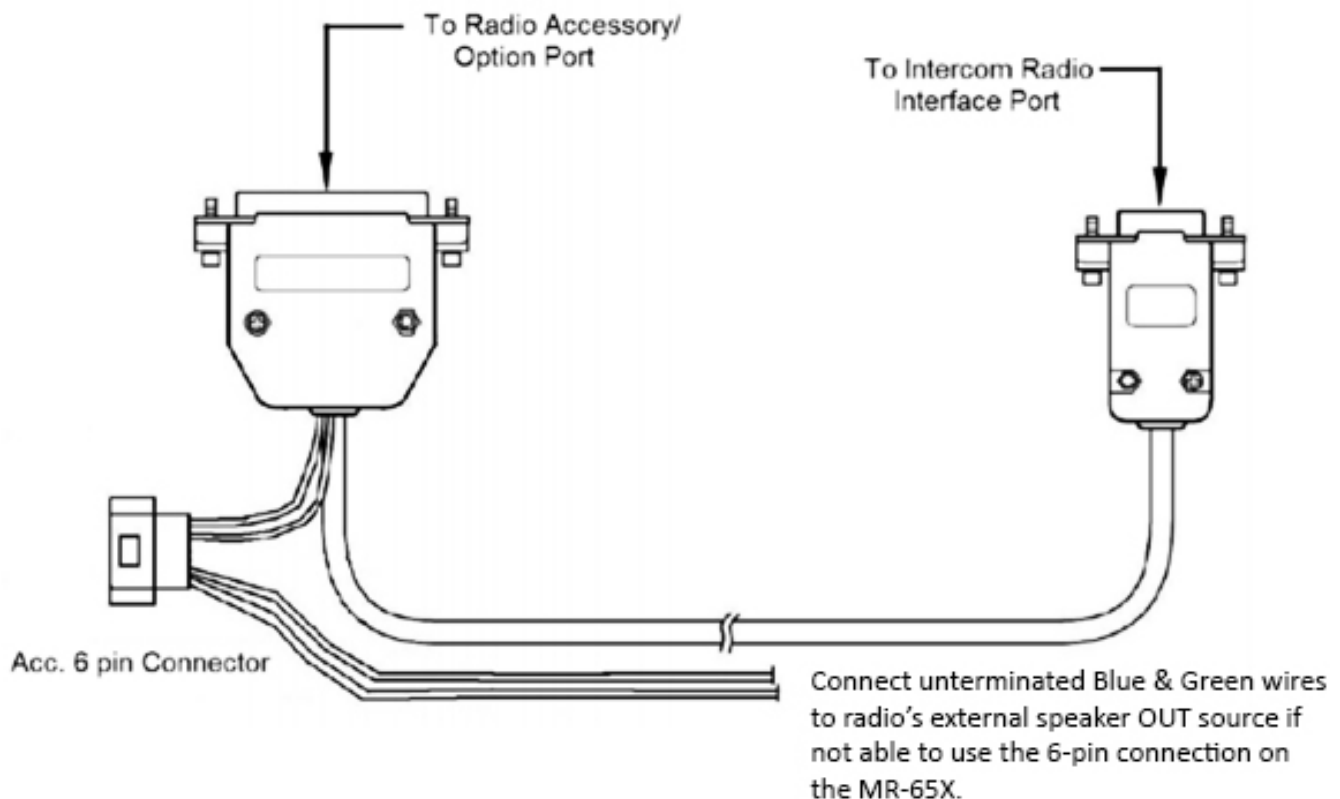**MR-65X**

Mobile Radio Interface Assembly

Used On These Radios:

• EF Johnson / Kenwood (Viking 5000 Series) VM5730, VM5830, VM5930, VM6730, VM6830, VM6930, VM7630, VM7730, VM7830, VM7930 radios thru Accessory port

NOTES:

- The Blue & Green Wires on this MR are used to get receive audio to send to the intercom from an external speaker source on the back of the radio via the 6 pin Molex connection or using unterminated Blue & Green wires spliced into the same wires from an external speaker that is getting speaker audio from being plugged into the 3.5MM speaker plug on the base of radio.
- Pin 13 would need to be set "External PTT" in Armada Software under Global/Mobile Options tab.
- To avoid signal loss, the total length of MR Cable plus extension accessories must not exceed 20 feet.

To Radio Accessory/ Option Port

To Intercom Radio Interface Port

Acc. 6 pin Connector

Connect unterminated Blue & Green wires to radio's external speaker OUT source if not able to use the 6-pin connection on the MR-65X.

Wiring Diagram / Pin Assignments

FOR EXT SPEAKER HI ONLY GRN
FOR EXT SPEAKER LO ONLY BLU

BLU GRN

P3
1
2
3
GRN 4
BLU 5
6

DETAIL B
SCALE 2 : 1
PIN 1 B

DETAIL A
SCALE 2 : 1
PIN 1 A

P1
Tx Hi 1 BRN
Tx Lo 2 RED
PTT Hi 3 ORN
PTT Lo 4 YEL
5 GRN
Rx Hi 6 BLU
Rx Lo 7 VIO
8 GRA
9 BLK

N/C 11 12

N/C
N/C
N/C

P2
1
2
3
4
5
BRN 6 MIC HI
YEL 7 GND
8
9
10
11
12
ORN 13 PTT
14
15
16
17
18
19
20
21
22
23
24
RED 25 MIC LO

DETAIL C
SCALE 2 : 1
PIN 1 C