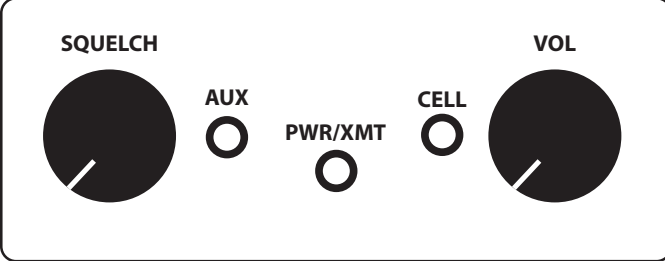# Intercom Pin Out Guide

Intercom features vary from model to model. This guide is intended to show all possible pin out configurations for custom wiring and/or use with a Molex connector. Some pin configurations may not be applicable to your intercom model.
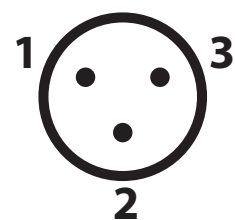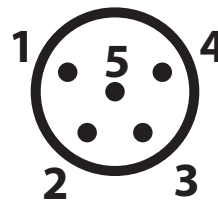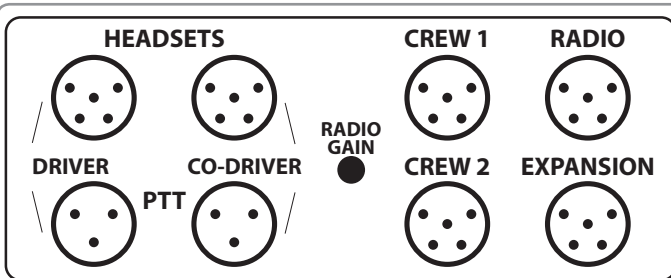
SQUELCH   **AUX**   **PWR/XMT**   **CELL**   **VOL**

Front of Intercom

	AUX IN/MUSIC IN 3.5mm JACK	CELL 3.5mm JACK
TIP	Left Audio In	Speaker +
RING	Right Audio In	Mic +
SLEEVE	Ground	Ground

HEADSETS   **CREW 1**   **RADIO**
DRIVER   **CO-DRIVER**   **RADIO GAIN**   **CREW 2**   **EXPANSION**
PTT

Back of Intercom

	DRIVER HEADSET, CO-DRIVER HEADSET, RADIO	CREW-1 HEADSET, CREW-2 HEADSET	DRIVER PTT, CO-DRIVER PTT	EXPANSION or EXTENSION
PIN 1	Ground (Mic —)	Ground (Mic —)	Ground (Mic —)	Signal OUT to Expansion
PIN 2	PTT		VOX*	Ground
PIN 3	Mic +	Mic +	PTT	VCC
PIN 4	Speaker +	Speaker +		Signal IN from Expansion
PIN 5	Speaker —	Speaker —		

* CONNECT PIN-2 OF DRIVER AND PIN-2 OF CO-DRIVER

Molex Connector

PIN	CONNECTION	COLOR
1	Music in right	red
2	Music in left	white
3	Ground	large black
4	Audio Out - left	green
5	Audio Out - right	small black
6	Ground	large black
7	Cell mic	yellow
8	Cell speaker	blue
9	Ground	large black

When using Molex connectors, be sure to pay attention to the order of the pin configuration. Use the notched side of the connector as your reference.