

Connectors Grouped By Pinout

J1 Connector P/N 800187 — Headset Jack and PTT Switch		
Pin	Color	Function
1	White / Black	Passenger Mic
2	White / Red	Passenger PTT
3	Blue	Headphones
4	Black	Headset & PTT Return
5	Orange	Crew 2 Mic
6	White / Green	Crew 2 PTT
7	Red	+12 Volts DC
8	White / Brown	Crew 1 Mic
9	Yellow	Crew 1 PTT
10	White / Blue	Driver PTT
11	White / Orange	Driver Mic
12	Green	Power Ground

J4 Connector P/N 800189 — Headset Jack		
Pin	Color	Function
1	Tan	Crew 3 Mic
2	Tan	Crew 4 Mic
3	Tan	Crew 5 Mic
4	Tan	Crew 6 Mic
5	Tan	Crew 7 Mic
6	Tan	Crew 8 Mic
7	Tan	Crew 9 Mic
8	Tan	Crew 10 Mic
9	Black	Headset & PTT Return

J2 Connector P/N 800098 — Radio 1		
Pin	Color	Function
1	Brown	Mic Hi
2	Violet	Speaker Hi
3	Violet	Speaker Low
4	Black	Mic Low
5	White	PTT Hi
6	White	PTT Low

J3 Connector P/N 800098 — Radio 2		
Pin	Color	Function
1	Brown	Mic Hi
2	Violet	Speaker Hi
3	Violet	Speaker Low
4	Black	Mic Low
5	White	PTT Hi
6	White	PTT Low

Jack Wiring	
Headphone	Tip
Microphone	Ring
Common Return	Barrel

Sigtronics Corporation

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Sigtronics UltraSound

Model: **UT-12D**

12 Way Intercom

2 Radios

4 Transmit Positions

Connectors Grouped By Function

J1 Connector P/N 800187 — Headset Jack and PTT Switch		
Pin	Color	Function
1	White / Black	Passenger Mic
2	White / Red	Passenger PTT
11	White / Orange	Driver Mic
10	White / Blue	Driver PTT
8	White / Brown	Crew 1 Mic
9	Yellow	Crew 1 PTT
5	Orange	Crew 2 Mic
6	White / Green	Crew 2 PTT
3	Blue	Headphones
4	Black	Headset & PTT Return
7	Red	+12 Volts DC
12	Green	Power Ground

J4 Connector P/N 800189 — Headset Jack		
Pin	Color	Function
1	Tan	Crew 3 Mic
2	Tan	Crew 4 Mic
3	Tan	Crew 5 Mic
4	Tan	Crew 6 Mic
5	Tan	Crew 7 Mic
6	Tan	Crew 8 Mic
7	Tan	Crew 9 Mic
8	Tan	Crew 10 Mic
9	Black	Headset & PTT Return

J2 Connector P/N 800098 — Radio 1		
Pin	Color	Function
1	Brown	Mic Hi
4	Black	Mic Low
2	Violet	Speaker Hi
3	Violet	Speaker Low
5	White	PTT Hi
6	White	PTT Low

J3 Connector P/N 800098 — Radio 2		
Pin	Color	Function
1	Brown	Mic Hi
4	Black	Mic Low
2	Violet	Speaker Hi
3	Violet	Speaker Low
5	White	PTT Hi
6	White	PTT Low

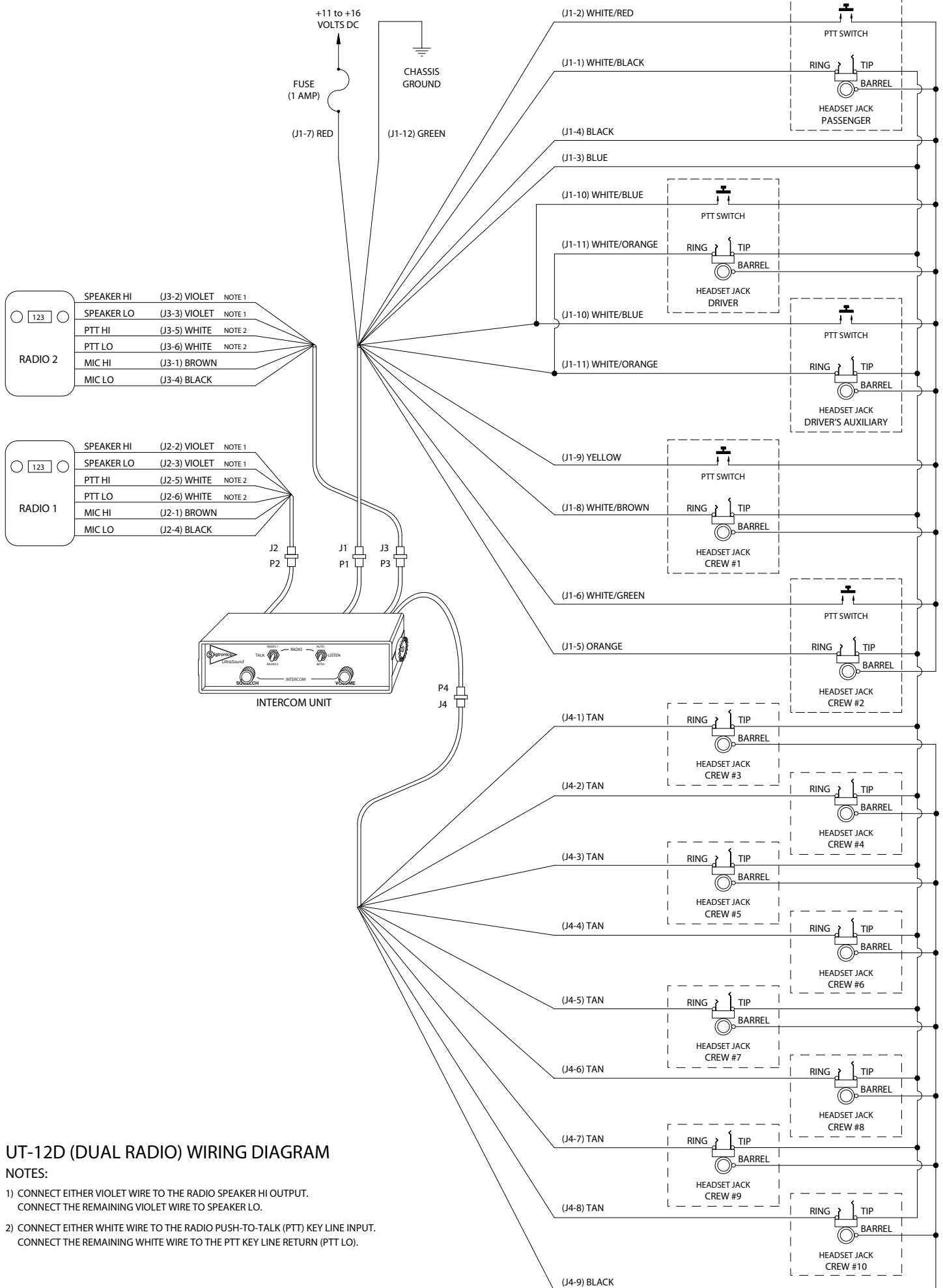
Jack Wiring	
Headphone	Tip
Microphone	Ring
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UT-12D (DUAL RADIO) WIRING DIAGRAM

NOTES:

- 1) CONNECT EITHER VIOLET WIRE TO THE RADIO SPEAKER HI OUTPUT. CONNECT THE REMAINING VIOLET WIRE TO SPEAKER LO.
- 2) CONNECT EITHER WHITE WIRE TO THE RADIO PUSH-TO-TALK (PTT) KEY LINE INPUT. CONNECT THE REMAINING WHITE WIRE TO THE PTT KEY LINE RETURN (PTT LO).