

Sigtronics UltraSound
 12 Way Intercom
 1 or 2 Radios
 4 Transmit Positions

Model: **US-12S**
US-12D
US-SRE
US-DRE

Connectors Grouped By Pinout

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

| J4 Connector — Headset Jack | | |
|-----------------------------|-------|----------------------|
| Pin | Color | Function |
| 1 | Tan | Crew 5 Mic |
| 2 | Tan | Crew 6 Mic |
| 3 | Tan | Crew 7 Mic |
| 4 | Tan | Crew 8 Mic |
| 5 | Tan | Crew 9 Mic |
| 6 | Tan | Crew 10 Mic |
| 7 | Tan | Crew 11 Mic |
| 8 | Tan | Crew 12 Mic |
| 9 | Black | Headset & PTT Return |

| J2 Connector — 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 — 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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 Web Site: www.sigtronics.com



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Connectors Grouped By Function

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

| J4 Connector — Headset Jack | | |
|-----------------------------|-------|----------------------|
| Pin | Color | Function |
| 1 | Tan | Crew 5 Mic |
| 2 | Tan | Crew 6 Mic |
| 3 | Tan | Crew 7 Mic |
| 4 | Tan | Crew 8 Mic |
| 5 | Tan | Crew 9 Mic |
| 6 | Tan | Crew 10 Mic |
| 7 | Tan | Crew 11 Mic |
| 8 | Tan | Crew 12 Mic |
| 9 | Black | Headset & PTT Return |

| J2 Connector — 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 — 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 |
| Common Return | Barrel |

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