

## Remote Speaker Installation—Production ClearNav's

**These instructions are for All PRODUCTION ClearNav accessory hardware installations which can be easily identified by the black case that encloses the NEXUS circuit board**

**Method 1---For installations where the NEXUS box is plugged directly into the back of the ClearNav**

- 1) Remove the NEXUS Box from the ship by unplugging all connectors and unscrewing the four M4 standoffs.
- 2) Remove the four screws on the back of the Nexus box and then remove the box cover.
- 3) Detach the two wires running to the speaker by unsoldering them or cutting them.
- 4) Replace the cover and re-install the NEXUS back into the ship.
- 5) Plug the extension speaker into Pins 5 and 6 of the 15-Pin Green Socket. They are the fifth and sixth pins counting from the far left.

**Method 2---For installations where the NEXUS Box is remotely Located (15-Pin Extension Cable (0645) was used)**

- 1) Locate the 15-Pin green connector plugged into the NEXUS Box and unplug it.
- 2) Loosen the screws and remove the wires to Pins 5 and 6—they are the fifth and sixth pins counting from the far left. Wire color code.....Pin 5--Black/White....Pin 6--Black/Red
- 1) Remove the two position green connector from the remote speaker cable by loosening the two screws. You will not need this two position connector.
- 3) Connect the Black/White wire and the Black/Red wire to the remote speaker wires.  
**\*\*IMPORTANT\*\*Make sure the exposed wiring is insulated well to avoid shorting out the two wires thereby damaging the audio amplifier.**

**Enjoy the huge increase in audio fidelity this remote speaker brings to the ship. Most especially the Flarm warnings!**

## Remote Speaker Installation—First Flight ClearNav's

**These instructions are for All FIRST FLIGHT ClearNav accessory hardware installations which are easily identified by the *lack of* a case enclosing the NEXUS circuit board**

**Method 1---For Installations where the NEXUS circuit board is plugged directly into the back of the ClearNav**

- 2) Unsolder or cut the two wires that run directly to the Nexus speaker.
- 3) Loosen the screws to Pins 5 and 6 of the 14-Pin socket on the NEXUS board—they are the fifth and sixth pins counting from the far left.
- 4) Remove the two position green connector from the remote speaker cable by loosening the two screws. You will not need this two position connector.
- 5) Place the end of the two wires from the remote speaker into Pins 5 and 6 of the 14-Pin connector. Tighten the screws firmly.

**Method 2---For installations where the NEXUS circuit board is remotely located (14-Pin Extension Cable was used)**

- 1) Locate the 14-Pin connector on the back of the NEXUS circuit board.
- 2) Loosen the screws and remove the wires to Pins 5 and 6—they are the fifth and sixth pins counting from the far left. Wire color code.....Pin 5--Black/White....Pin 6--Black/Red
- 3) Remove the two position green connector from the remote speaker cable by loosening the two screws. You will not need this two position connector.
- 4) Connect the Black/White wire and the Black/Red wire to the remote speaker wires.  
**\*\*IMPORTANT\*\*Make sure the exposed wiring is insulated well to avoid shorting out the two wires thereby damaging the audio amplifier.**

**Enjoy the huge increase in audio fidelity this remote speaker brings to the ship. Most especially the Flarm warnings!**