

Using the Control Panel

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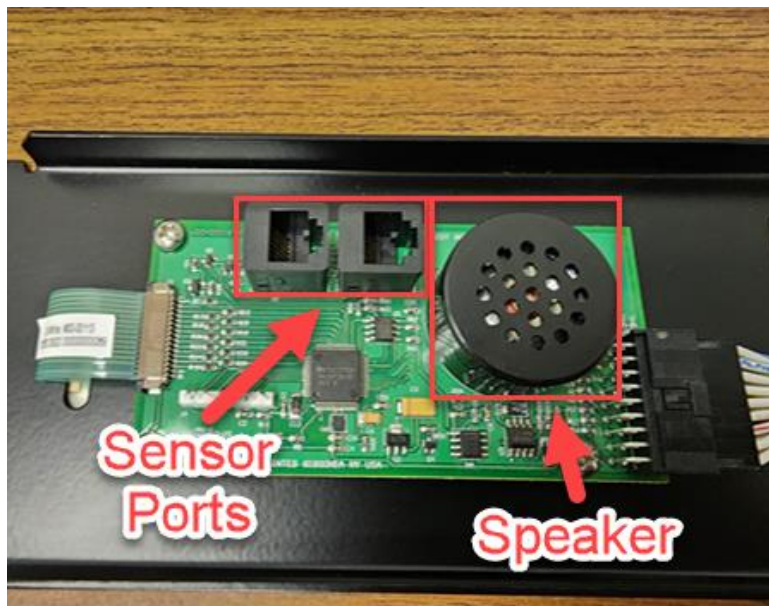
Installation and Wiring

The JNIOR Control Panel provides the user with 12 input switches (6 – 2 position rocker switches), 12 LED status indicators and an alarm horn (speaker). The switches, LEDs and sounds are integrated with the JNIOR via the Cinema or Tasker applications. For info on how to configure the control panel for those applications, check out the Tasker and Cinema manuals. All functionality is set-up via the software from those applications. The JNIOR Control Panel connects to the JNIOR via the Sensor Port along the top edge of the JNIOR, next to the power connector.

NOTE: The green ‘Ready’ LED at the top left of the JNIOR Control Panel will only turn on when the Cinema or Tasker programs are loaded and running on your JNIOR. It also will light up when you have the JNIOR web page open for the unit that the control panel is connected to. This READY indicator show that the control panel is communicating with the JNIOR and is ready to use.



INTEG provides a 6 foot connection cable between the JNIOR and JNIOR Control Panel. The JNIOR Control Panel cable can be up to 50 feet from the JNIOR. In these instances, the user must make a custom cable to connect the control panel with the JNIOR.



The Control Panel sensor ports and speaker are located on the back of the control panel, on top of the programming board.

The pin out for the cable that connects the Sensor Port on the JNIOR with the control panel is the same on both ends. The connector is a standard RJ-12 connector on both ends. The cable is a standard 6-conductor, flat telephone cable.

Note:

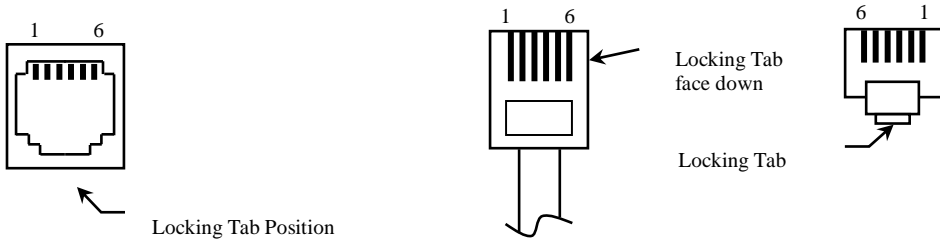
An RJ12 connector is the same size as an RJ11 connector except all 6 pins have copper pads to connect all 6 wires to the port.

Please make sure that you orient the pins properly for each side of the cable. **The cable will be twisted (or the one RJ12 connector will be upside down from the other) so that when you hold both ends of the cable side by side, the pin numbers will match.** Please contact INTEG Process Group with any questions.

Sensor Port Pin-Outs – Use a 6 conductor wire and connect each colored wire to the same pin number on each connector.

<u>Pin</u>	<u>Description</u>
1	Voltage (5V Vcc)
2	GND
3	1-WIO (1-Wire Data)
4	GND (1-Wire Return)
5	NC (No Connection internally to the Expansion Module)
6	Unregulated DC

Reference the following diagrams to determine the proper pin numbers of the connectors:



RJ12 Modular

RJ12 Modular

Summary

Thank you for purchasing the **JNIOR**. Hopefully this manual made the getting-to-know process of your new **JNIOR** very quick and easy. The **JNIOR** has many more wonderful tools and features available, and are explained in detail in the supplied documents.

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Please do not hesitate to contact our **JNIOR** team at **INTEG Process Group, Inc.** We can be reached via phone, fax or e-mail as follows:

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