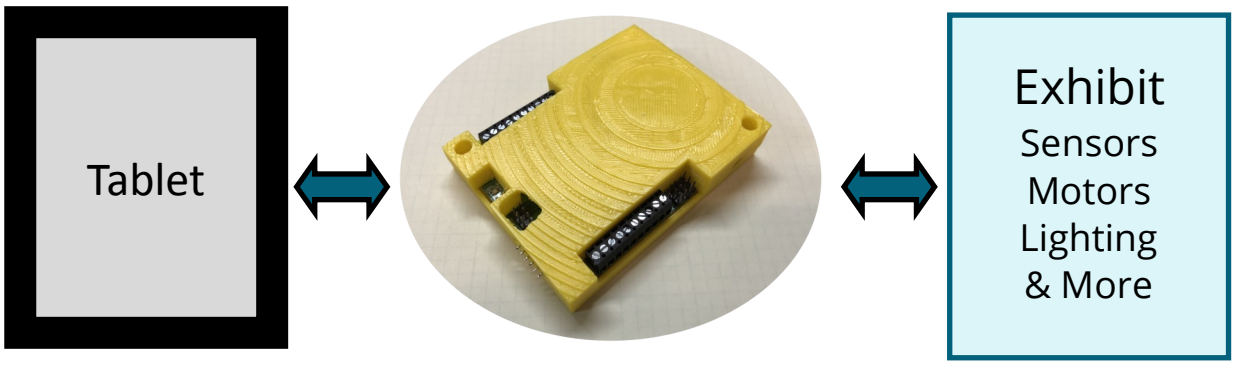
Semiaxis

Exhibit Controller



Interactive

Integrate a touchscreen tablet into your exhibit, allowing the tablet to control parts of the exhibit, or read sensors and switches, guiding the participant through the learning experience.

Connected

Use the tablet's internet, Bluetooth, and other facilities to enhance the experience, and enable usage and tracking information for continuous exhibit improvement.

Easy to use

Connect via wire to every tablet or computer, and develop using standard web development tools and technologies—no expensive or time consuming iOS or Android programming required in its simplest mode.

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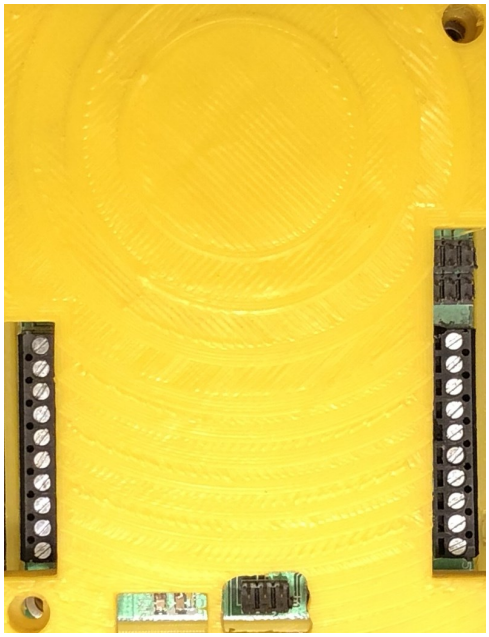
A wired audio connection is used for communication—the headphone jack available on almost every computing device provides extensive compatibility. Web-audio standards allows this device to be used from a webpage providing inexpensive, quick development and integration with existing HTML based learning systems and supports custom app development where advanced functionality is desired. One channel of audio is used, leaving the other available for exhibit audio or a second controller.

Audio Input

Power In

3 Digital Inputs

4 Analog Inputs



Audio Output

4 Servo Outputs

3 Digital Outputs

4 Analog Outputs

Troubleshooting Indicators

Power	6 to 12 VDC at 1 Amp	**Audio Output**	Headphone jack
Audio Input	Headphone/Headset Jack	**Servo Outputs**	5VDC Servo Motors
Digital Inputs	0—0.3VDC Low, 0.7—5VDC High	**Digital Outputs**	0VDC Low, 5VDC High, 40mA
Analog Inputs	0—5VDC	**Analog Outputs**	0—4VDC 20mA
Indicators	Power, Activity	**Physical**	4” x 3.2” x 0.9”

Semiaxis.com—Saline, MI—adavis@semiaxis.com