

Programmable 3-Axis Joystick Controller

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Programmable 3-Axis Joystick Controller, #15-293

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C\$1,253⁰⁰

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General

Manual Control:

3-axis joystick, 8 programmable keys

Note:

Requires a 24-48 VDC power supply for operation.
A data cable ([#15-296](#) or [#15-299](#)) can be used to daisy chain multiple stages together to control.

Physical & Mechanical Properties

Dimensions (mm):

160 x 120 x 96

0.52 **Weight (kg):**

Electrical

Device Interface:
Locking 4-pin M8

Maximum Operating Current (mA):
50

Hardware & Interface Connectivity

Power Supply:
Not included, see the Accessories tab for recommended 24 to 48V Power Supply & Tech Info tab for connector information.

Computer Interface:
RS-232

Environmental & Durability Factors

Operating Temperature (°C):
0 - 50

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

Reach 247:
[Compliant](#)

Product Details

- Can Control Up to 3 Independent Axes
- Intuitive Interface with Computer-Driven or Manual Operation
- Fully Programmable Buttons, Velocity Profile, and Sensitivity
- Power Supply and Data Cable Sold as Separate Accessories

The Zaber Programmable Joystick Controller can be connected in series to up to three independent Zaber motors. In standalone operation, the Zaber Programmable Joystick Controller is ideal for simple, two to three axis movement, and is aided by key switches that are preprogrammed with commands to home, save current position, and go to saved position. All eight key switches are fully programmable to send any arbitrary command to each axis or to trigger the computer to send command sequences. The analog axis settings include programmable velocity, velocity profile, invert, and unit number, and calibration for the limits and deadband.

Technical Information

Device Overview / Connectors

Images are shown looking into the device.

Power

Pin	Description
1	24 - 48 V
2	GND (Note: power supplies ground this pin to AC Earth)

Note: To prevent damage to the device due to static buildup, the device should be properly grounded. The power supplies for X-Series devices are non-isolated and thus ground the device chassis to Earth via the negative terminal of the power supply. If for any reason you are using an isolated power supply, please ensure your device is grounded by connecting the negative terminal of the power connector to AC Earth.