

Automate Positioning Tasks Quickly and Easily

- Motorized positioners with optional built-in controllers, drivers, motor encoders, and linear encoders
- Daisy-chain and control devices from a single computer connection (USB or Serial)
- Multiple products can share a single power supply
- · Free software with source code

Multi-Axis Devices



Multi-axis systems with built-in controllers



Gantry systems



Micromanipulators



Microscope stages

Gripper Systems



Grippers with built-in controllers

Filter Wheel



Filter Wheels with built-in controllers

Tilt Devices



Optic mounts with built-in controllers



Motorized goniometers with built-in controllers

Vacuum Devices



Vacuum stages and actuators with built-in controllers

Linear Devices



Linear actuators with built-in controllers



Miniature linear stages with built-in controllers



Vertical lift stages with built-in controllers



Long-travel linear stages with built-in controllers

High accuracy direct drive stages with built-in controllers

Rotary Devices



Rotary stages with built-in controllers

Joysticks



Programmable joysticks

Controllers



Single axis stepper motor controllers



Two-axis stepper motor controllers with 2D coordination

Expandable Design

Automating more than one axis?

You can daisy-chain up to 99 Zaber devices to a single RS-232 or USB port. Power can be transmitted through the data cables of T-Series and X-Series devices, allowing multiple devices of the same series to be powered from a single power supply. Minimal hardware and cabling make Zaber products easy to set up and help reduce clutter on the workbench.



Versatile Control

Zaber software is easy to use

It automatically recognizes all your devices and allows you to communicate with each one. You can easily set up automated routines, and the source code can be modified for advanced customization. Libraries with APIs are available in many popular languages including LabVIEW, Visual Basic, C#, Excel, and C. All of our software is available for free download on our support website: www.zaber.com/software

Two simple RS-232 command options

The command protocol is how the software speaks with the devices. T-Series devices can use Zaber's straightforward Binary protocol for control, and information on the commands is in the product manuals on the support website here: www.zaber.com/support. A-Series and X-Series devices can use either Binary or Zaber's intuitive ASCII protocol. Information about the two protocols and how to change between them can be found here:

- ⇒ Binary: www.zaber.com/manuals/BinaryProtocol
- ⇒ **ASCII:** www.zaber.com/manuals/ASCIIProtocol

Questions?

Our technical support team is here for you

At Zaber, we specialize in motion control technology. When you contact us, you'll be speaking with an experienced Applications Engineer who knows our products inside and out. If you need help with your products, we can guide you. User manuals and troubleshooting guides are available online. Plus, all our products are covered by a 30-day satisfaction guarantee and a one-year warranty.

Easy Installation

Step 1

Connect the Zaber controller (built into the device or stand-alone) to your computer via USB or RS-232 port using the cables included if you ordered an accessory kit.



Step 2

Connect the power supply to your Zaber device.



Step 3

Send instructions or automate your set-up using the Zaber Console – our free, open-source software – or write your own application based using our programming libraries.

Contact Us

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