T-JOY Series Datasheet

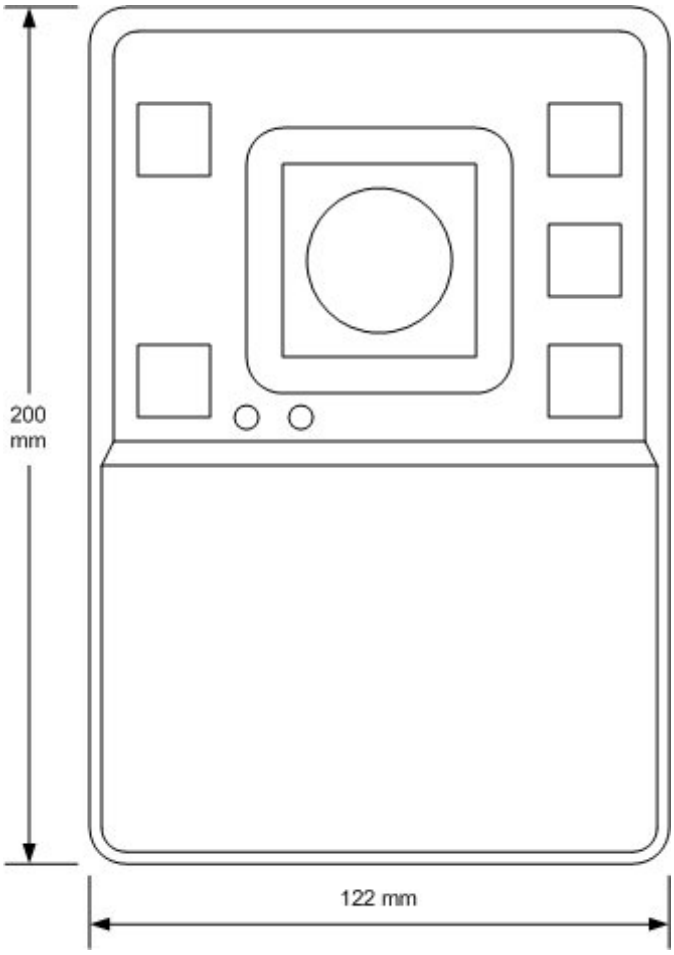
- Controls up to three axes with programmable sensitivity and velocity profile
- Compact bench-top design enables human interface with or without a computer
- Five programmable buttons for functions like store and recall positions

The T-JOY3 is an easy-to-use, yet programmable joystick that can be used stand-alone to control up to three axes of Zaber's A-Series and T-Series actuators. It may also be used in conjunction with a computer for additional power and flexibility. All 5 buttons of the joystick are programmable to store a location, recall a location, or a host of other functions.

The joystick can run with or without a computer attached. In stand-alone mode the joystick is a compact controller that fits easily on the lab bench. Its functionality can be expanded simply by adding a computer or laptop running Labview, Visual Basic, Microsoft Excel, or your own program. The T-JOY3 programmable joystick is the ideal controller for microscope, XY, or XYZ stage applications.

The joystick is compatible with all A-Series and T-Series products, such as the T-LSM Miniature Motorized Linear Stages.

Drawings



Specifications

Specification	Value	Alternate Unit
Communication Interface	RS-232	
Weight	0.95 kg	2.094 lb
CE Compliant	Yes	
RoHS Compliant	Yes	
Vacuum Compatible	No	
LED Indicators	Yes	
Axes of Motion	3	
Buttons	5	
Data Cable Connection	Minidin 6 M/F	
Power Plug	2.1mm center postive	
Power Supply	12-16 VDC	
Communication Protocol	Zaber Binary	
Maximum Current Draw	50 mA	