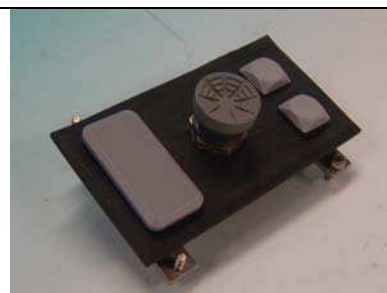


Model STX, STXK Joystick Control/Panel

This "Ready to Install" COTS product incorporates the features of the Model 462 sub-miniature joystick along with the STX serial interface circuit and a sealed tactile keypad. A compact, two axis, force operated fingertip or thumb joystick control converts the input force of the operator to analog output voltages proportional to applied force and input voltage.

These joystick controls are available with 2, 3, or 4 button configurations and RS232, RS422 or Native USB outputs.

The multi-function capabilities of the STX and STXK make them ideal "Off the Shelf" solutions where digital control is required but larger or custom devices are not practical.



Model STXK Joystick Panel



Model STX Joystick Control

Applications:

- Computer Graphics/Cursor Control
- Mapping
- Robotics, Medical Surgery/Cursor
- Security Cameras, Video Cameras
- Vehicle Control, Flight Control
- Electric Wheelchair
- Hoists, Cranes, Industrial Processing
- X-Y Inspection Table

Technical Info:

- Length: 3.39" (STXK)
- Width: 1.89" (STXK)
- Depth: 1.00" Below Panel (Includes clearance requirement)
- Mounting: Clamp Type (STXK); Bushing Type (STX)
- Input Voltage: ± 5 VDC Suggested
- Resolution: Infinite
- Linearity: $\pm 5\%$ of Full Scale Output
- Sensitivity: .55 Volts/lb $\pm 20\%$
- Operating Force: 0 to 2 lbs (Mechanical Stop)
- Null Hysteresis: 0.7% of Full Scale Max
- Operating Temp: 0C to +50C
- Storage Temp: -55C to +85C
- Vibration: 10g's Peak, 10 to 500 Hz
- Reliability: 100,000 Hrs MTBF Continuous Use
- Shock: 15G's, 11mSec, Half Sine

Features:

- Model 462 Sub-Miniature Joystick w/Serial-USB Card
- Force operated – Easy and Natural to Operate
- Small size/Low weight
- Easy to install in customer panel
- No moving parts – High Reliability
- Sealed (or capable of sealing) to IP65 above panel

Options:

- Knobs – A variety of knobs are available including Concave Thumb, Coolie Hat Thumb and Fingertip Handles
- Single Axis



Refer to Options Matrix for more options

