



MMC-T Modular Stepper Controller/Drive



MODULAR CONTROLLERS

- Stand Alone Single Axis
- Press Together Multi-Axis
- Mix & Match Axis Types
- Expansion I/O Modules
- Auto Detect Connected Modules
- Auto Configure for Replacement
- Customization Available

FLEXIBLE HARDWARE

- Removable Connectors
- Configurable Digital/Analog I/O
- Multiple Encoder Types
- High Speed Capture
- Integrated Amplifier Options
- Din-Rail Ready

POWERFUL SOFTWARE

- Inspired by MIT's "Scratch"
- Simple Drag, Drop, & Edit
- Create & Save Custom Blocks
- Up to 16 Concurrent Threads
- Parameter Test & I/O Viewer
- Integrated HMI Console Builder
- Customizable Test Scopes



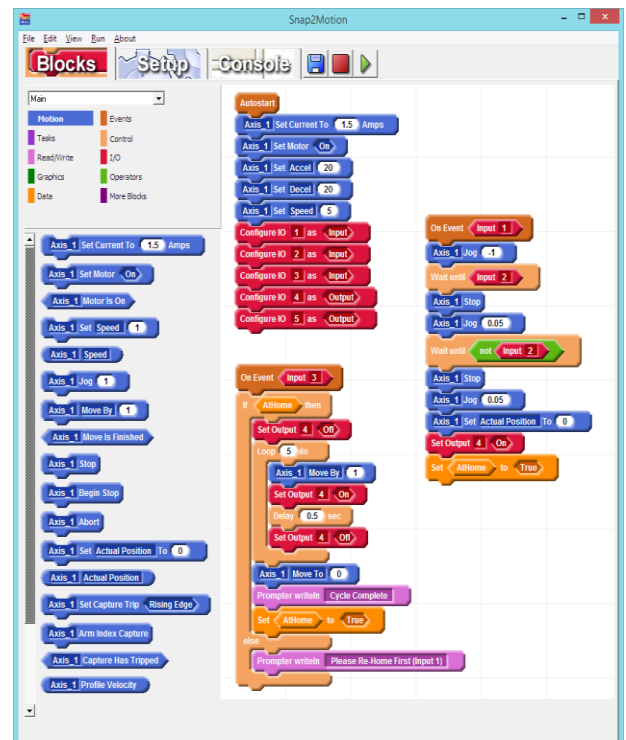
The MMC-T is a Single Axis Modular Stepper Motor Controller with Integrated Amplifiers.

Modular Controllers give users the power of a Multi-Axis Motion Controller with the flexibility to add Axes in a Modular Fashion. A single Axis Controller instantly becomes a multi-axis controller when snapped onto another controller. Due to the nature of the connection, no change of control or programming architecture is needed; the software simply recognizes that it has more available axes and I/O to utilize.

Inspired by MIT Media Labs "Scratch" software that was developed to teach the fundamentals and structure of programming

KEY FEATURES:

- Integrated Stepper Motor Controller & Driver
- 12-48Vdc Input, 6A Output
- Microstepping at 256 μ Steps/Full Step
- (6) Programmable Digital I/O
- (1) 16-bit Analog Inputs
- Flexible Encoder Inputs (Single, Quad, Serial, etc.)
- Closed Loop Control of a Stepper
- Separate Logic Power Input
- Pluggable for Multi-Axis Configuration
- USB, Ethernet, and Serial Communication



Learn More at: www.ModuSystems.com