



MMC-3T Modular Stepper Controller/Drive



MODULAR CONTROLLERS

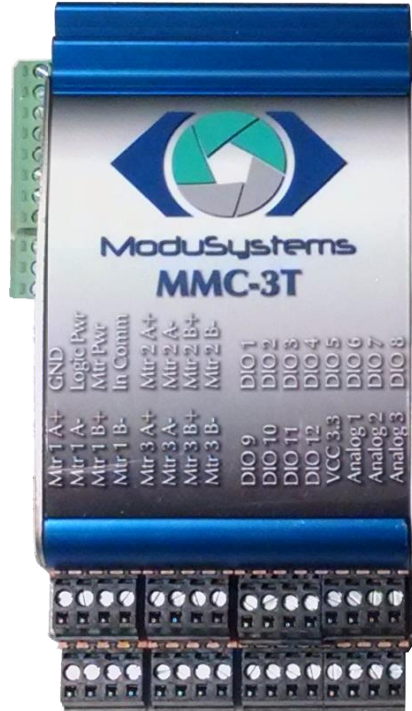
- Stand Alone Single Axis
- Press Together Multi-Axis
- Mix & Match Axis Types
- Expansion I/O Modules
- Auto Detect Connected Modules
- Auto Configure for Replacement
- Customization Available

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-3T is a 3-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.

Simple to Learn and Implement Software is inspired by MIT Media Lab's "Scratch", used throughout the world to introduce people to programming.

KEY FEATURES:

- Integrated 3-Axis Stepper Motor Controller & Driver
- 12-24Vdc Input, 2A Output (Per Motor)
- Microstepping at 256 μ Steps/Full Step
- (4) Dedicated Inputs (24V)
- (8) Programmable Digital I/O
- (3) 16-bit Analog Inputs
- Dedicated E-Stop Input
- Pluggable for Additional Axes
- Option Slot for Encoder Inputs or Added I/O
- USB, Ethernet, and Serial Communication

