

Compass Control® Master Controller



KD-MC2500

Master Controller for Compass Control®. Supports up to 12 Ports.

Key Features

- › **iOS Backbone:** First major control system built from the ground up using Apple's iOS devices – iPad®, iPad® mini, iPhone®, and iPod touch®
- › **Compass Navigator™:** PC Editor allows Fast and Easy programming
- › **Control:** LAN Based with IR, RS-232, Sensor and Relay control, Indicator LED's and IR Learning Window
- › **Ports:** 8 Multi-function I/O ports, 2 Relays, Main IR, RS-232, USB & LAN Ports
- › **Device configuration via USB:** Versatile USB or IP set-up using
 - › Standard emitters with 3.5mm connectors
 - › Stereo mini to DB-9 for serial control
 - › 3.5mm for Sensors: Video, Audio, Level Sensing
 - › 3 pin phoenix connector for Relays
- › **LAN:** Direct wire to LAN via RJ45 and CAT5e/6 cable
- › **Control Distribution:** Integrates with Key Digital® Digital IQ Series™ and Champion Series™ HDMI Matrix Switchers to increase control port options
- › **No need for PC or Mac in the system:** All system performance is controlled by iOS device and KD-MC2500 Master Controller
- › **Built-in IR Learning Function:** Enables IR control of any device
- › **Complete Control:** Audio, video, HVAC, lighting, shades, security, and more
- › **Relay Control:** Control external equipment with two sets of switchable contacts
- › **Compass Alliance™ Partners:** Pre-loaded code sets - [Full Partner Listing](#)

Reliable iOS Integration Features

- › **IP Connectivity Stabilizer:** Stable and constant TCP/IP socket created by KD-MC2500 with IP target devices via Telnet or HTTP regardless or iOS devices status.
- › **Event Handler:** Scheduled events & actions based on iOS time and calendar variables including:
 - › Schedule Mode: Schedule and execute timer events from iOS device and/or KD-MC2500
 - › Schedule Sensing Mode: Execute events triggered by voltage or video/audio sensing by KD-MC2500



Specifications

- › Main RS-232 (1): DB-9 Male connector supporting bi-directional communication and a maximum baud rate of 115,200 bps.
- › Main IR (1): 3.5mm Female mono connector supporting unidirectional transmission with a fixed level of +12V.
- › Multi-Function I/O (8): 3.5mm Female stereo connectors independently configured as IR (mono, Tx or Rx, configurable from +5V to +12V), RS-232 (stereo, Tx and Rx, configurable from +5V to +12V), Voltage Trigger (configurable from +3.3V to +12V), Voltage Sensor (Digital Audio or Video, from +0.1V to +3.3V)
- › Relay (2): Independently configurable to NO (active), or NC (inactive) with 12A / 250VAC resistive switching capacity
- › USB (1): Full speed (12Mbps), USB 2.0, Software updates and device configuration.
- › TCP/IP (1): Supports 10/100BaseT up to 100Mbps for communication with iOS devices via LAN, software updates, device configuration and setup.
- › Accessories: External 6V5A Power Supply, USB Cable, (2) 3-Pin Terminal Block for Relay, (6) 3.5mm to IR Emitter, (3) 3.5mm to RS-232 Data Cable, Rack Mount Ears
- › Product: 8.13" x 6.88" x 1.75", Weight: 3 lbs.
- › Packaging: 19.4"x10.9"x 3.9", Weight: 7.05 lbs.
- › Regulation: CE, FCC, RoHS, WEEE
- › Enclosure: Black Metal 1/2U



Compass Control® Software License



KD-CSLX1

Compass Control® Software License per Controller.

Key Features

- › Activation license marries with unique Device ID of each iOS Controller
- › Enables project upload and storage to/in Compass Control cloud
- › Able to be associated with new Device ID in the case of iOS loss/damage