Master Controller

KD-MC1000

COMPASS CONTROL
PROFESSIONAL

Master Controller for Compass Control® (Wired/LAN, supports up to 8 Ports)

Key Features

- › **iOS & Android Backbone:** Fully integrated control system designed to use iOS and Android devices – as its backbone
- › **Total 8 Ports:** 6 MCP35™ multi-function I/O Ports, 1 Relay/Contact Closure Port, 1 ZigBee® Wireless Port
  - » MCP35™ Multi-function 3.5mm I/O Ports can be programmed to be one of the following functionalities: bi-directional IR, bi-directional RS-232, Voltage Level output, Voltage Sensor input, PCM Audio sensor input or Composite Video Sensor input
- › **USB Support:** USB port for firmware upgrades
- › **Built-in IR Learning:** Front-facing IR window enables learning of IR codes from external IR remotes
- › **LAN:** Direct wire to LAN via RJ45
- › **Relay Control:** Control external equipment with one set of switchable contacts. Any multi-function 3.5mm port can be converted to Contact Closure using Key Digital® KD-CCXR200 Converter
- › **Real-Time Master Control:** Allows user to store variables and events internally with/without iOS device
- › **Compass Navigator™:** PC Editor allows fast and easy programming
- › **Device Configuration:** Allows all functions and integration into Compass Control® Project via IP and Compass Navigator™ software
- › **Complete System Control:** Audio, Video, Lighting, Shades, HVAC, Security, Climate, Music and more
- › **Control Distribution:** Integrates with all Key Digital® Control Routing HDMI Switchers to expand the control system and add control ports
- › **No need for PC or Mac in the system:** All system performance is controlled by iOS or Android device and KD-MC1000 Master Controller
- › **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-MC1000 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-MC1000
  - » Schedule Sensing Mode: Execute events triggered by voltage or video/audio sensing by KD-MC1000

Specifications

- » MCP35™ Multi-Function I/O (6): 3.5mm Female stereo connectors independently configured as IR (mono, Tx or Rx, fixed to +5V), RS-232 (stereo, Tx and Rx, fixed to +5V), Voltage Trigger (fixed to +5V), Voltage Sensor (Digital Audio or Video, from +0.1V to +3.3V)
- » Relay (1): Independently configurable to NO (active), or NC (inactive) with 12A / 250VAC resistive switching capacity
- » TCP/IP (1): Supports 10/100BaseT up to 100Mbps for communication with iOS devices via LAN, software updates, device configuration and setup
- » Accessories: USB Cable, (1) 3-Pin Terminal Block for Relay, (6) 3.5mm to IR Emitter, (3) 3.5mm to RS-232 Data Cable, Rack Mount Ears
- » Power Supply: KD-PS5V2A, 5V/2A, 100-240VAC, 50-60Hz, Interchangeable head
- » Product: 6.5" x 4" x 1.13", 1.5 lbs. » Packaging: 8.8" x 6.2" x 3.9", Weight: 3 lbs.
- » Regulation: CE, RoHS, WEEE » Enclosure: Black Metal 1/2U

System Design Example