



Network Controllers



MRX-10 Advanced Network System Controller

Every Total Control installation begins with an MRX-10, the brains of the system. The MRX-10 stores and issues one-touch automation commands for all components throughout the house over the home network. It provides lightning-fast response time with 100% accuracy and no outside interruptions. When operated by a Total Control remote control, keypad or touchscreen, the MRX-10 provides powerful two-way system status feedback to allow control of components in any room, with any remote, from anywhere on the network. The MRX-10 enhances the control experience by enabling your clients to control virtually any type of component over the network, even if it's not equipped with network technology. Additionally, the MRX-10 can route automation commands to multiple MRX units on the network enabling control in any additional zone at any time.

Key Features

- Stores and issues commands and macros via IR, IP, RS-232, Relays and Triggers
- Provides two-way communication with all Total Control remotes, touchscreens and keypads
- Routes commands to any MRX unit on the network
- Provides automation via user-scheduled events or on-board sensors
- Off-site programming capable when system is registered
- Compatible with URC lighting utilizing the optional RFTX-1 RF transmitter
- Easy rack mounting (requires RMK-1)

Specifications

MRX-10 is required in all Total Control systems; maximum one per system

Network: One (1) 10/100 Ethernet port

IR: Eight (8) adjustable IR ports powered by independent IR Engines for simultaneous use

RF Frequency (TRC-780 & THZ-100): 2.4GHz

RF Range (TRC-780 & THZ-100): 50 to 100 feet (environment dependent)

Programmable 12V Outputs: 2 (On, Off or Momentary)

USB: 1 (for future use)

DC Trigger Output: 12V/0.2A 2 Port OUT (programmable out)

Relays: 2 (NO, NC or Momentary)

RS-232: 4 ports (support TX, RX and GND two-way communication)

Sensors: 4 ports (use URC or 3rd party sensors)

Power: 12v external power supply

Size: 17" x 1.7" x 8.7" (W x H x D)

Weight: 4.50 lbs



MRX-1 Network Base Station

The MRX-1 Network Base Station bridges the digital divide between control of clients' legacy components and the IP network. Acting as a Total Control sub-base station, it receives commands from an MRX-10 and reissues them via IR, RS-232, or Relays. Each MRX-1 has the following: one relay, one sensor port, two RS-232 ports and 6 IR ports. The advanced connectivity of the MRX-1 allows it to connect to virtually any device or component.

Attention CCP Programmers: the MRX-1 can also be installed independent of Total Control and operated by a URC MX-5000, MX-6000 or KP-4000C remote (which are not compatible with Total Control).

Key Features

- Receives commands sent from MRX-10 and reissues them via IR, RS-232, and Relays
- Up to 32 controllers can be added to any Total Control system
- Enables URC Lighting control via optional RFTX-1
- One LAN connection, one Relay, two RS-232, six IR ports, one Sensor port

Specifications

Network: 10/100 Ethernet port

Relay: One (NO, NC or Momentary)

Sensor: One (for use with URC or third-party sensors)

RS-232: Two (2) RS-232 (supports TX, RX and GND two-way communication)

IR: Six (6) adjustable IR ports (Note: #6 IR Output requires the included sleeved emitter and can be optionally used to connect an RFTX-1)

Power: 12v External Power Supply

Size: 9.8" x 1.1" x 4.7" (W x H x D)

Weight: 8.40 oz