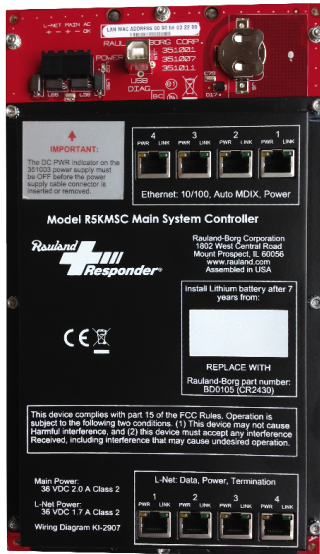


## MODEL: R5K MAIN SYSTEM CONTROLLER



R5KMSC



### FEATURES

- Provides overall system control for room stations and corridor lights/domeless controllers.
- Supports up to 92 corridor lights and/or domeless controllers
- Four (4) Power over Ethernet (PoE) connections for easy connection of VoIP Console or other MSCs
- Four (4) ports for connection to four (4) independent K-Bus runs
- Stores configuration for console, corridor light, domeless controllers, and stations
- Provides continuous data feed for Reports and Activity Boards
- Continuously supervises console, corridor lights, and domeless controllers for power and signal
- RJ45 connectors for easy service

### SPECIFICATIONS

**Power Requirements:** 36V DC @ 2A max

**Weight:** 1.0 kgs (2.2 lbs)

**Size: W:** 16.8 cm (6.6")

**H:** 29.0 cm (11.4")

**D:** 2.3 cm (0.9")

**Housing and Finish:** Black metal enclosure

**Controls/Indicators:** Four (4) Ethernet link LEDs, Four (4) Ethernet Power LEDs, Four (4) L-Net link LEDs, Four (4) L-Net power LEDs, Main Power LED.

**Backbox Requirement:** Rauland NC2828 Terminal Cabinet or Rauland 351102 Wall Cabinet

**Terminations:** Four (4) Ethernet connectors (RJ45), Four(4) L-Net connectors (RJ45), One (1) power connector(screw terminal), One (1) USB diagnostic connector(USB "B") lug on connector

**Certifications:** Designed for compliance to ANSI/UL 1069, IEC 60950, CE, RoHS / WEEE Compliant. Assembled in a U.S. FDA Registered facility.

### DESCRIPTION

The Responder 5000 Main System Controller (MSC) is the data, audio, and configuration controller for up to 92 corridor lights and/or domeless controllers. The MSC is also the data, audio, power, and configuration hub for four (4) Ethernet connections to support up to up to 16 VoIP nurse consoles. Refer to the System Planning Guide to determine the MSC capacity and system load limitations for specific configurations.

The MSC provides communications for all devices within the Responder 5000 system. It also provides configuration data for the system devices as well as supervisory func-

tions. Troubleshooting and MSC configuration programming can be accessed from the USB diagnostic port or through an Ethernet connection over the local area network (LAN). All connected devices are continuously monitored for power and data faults. This information is available for data queries and is also stored in the local logs.

While the corridor lights and domeless controllers can operate in a Fail-safe mode if connection to the MSC is lost due to a power failure, the system can operate on battery backup to maintain full system operation until auxiliary power is available.



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