



RS816

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The RS816 Room Status Master Station(s) shall be Alpha Communications®/Tektone RS816 or approved equivalent. The master station(s) shall have 16 remote station capability (or 40 remote station capability with RS840 expander). The master station(s) shall utilize RS485 type asynchronous communication between the master station(s) and the remote dome stations. There shall also be a second RS485 type asynchronous port available in the master station for communication with other master station(s).

The RS816 shall include the signaling circuitry for receiving and annunciating calls from code and emergency call stations. There shall be a keypad used for the programming of the remote dome stations and special operating modes of the master station. The master station shall also give visual indication of all dome lamps associated with the room status system. The keypad and dome lamp indicators shall be part of a spill-proof membrane switch assembly.

Each master station shall be able to control and display the state of dome lamps for 16 remote dome stations and be capable of expansion for a total of 40 stations. There shall be an audible alarm in addition to visual indicators.

The master station(s) shall be housed in a high impact, flame retardant, ABS grey plastic enclosure, and shall be surface wall or desk mounted. Contractor shall observe all local and national electrical and building codes.

RS816 Room Status Master Station

The RS816 Master Station utilizes micro-controller technology to control and display the functioning of up to 40 remote dome stations, when used in conjunction with an RS840 Master Expander. All of the programming information for these stations is contained in the master station's flash memory. The programming information for these stations will be retained with no voltage applied to the master station for a minimum of ten (10) years. Entry of a simple two digit global command code is all that is required to set all remote stations, associated with the master station, for one of seven predetermined call progress modes. The specific functioning of any remote station dome lamp may quickly be modified from the master station.

The master station also provides a path for communications with remote indicator and control panel and other master stations. This provides for a flexible and sophisticated network, which can fill the needs of any doctor's care facility.

FEATURES

- Easy programming of remote station functions
- Audible and visual signaling for "CODE" and "EMERGENCY" calls
- Micro-controller technology
- Quick and easy programming of remote stations functions
- System expandability to fit the needs of any installation
- Remote signaling for procedure requests
- Non-Volatile programming memory for remote station functioning with no battery back up.
- High reliability RS485 type data communications

SPECIFICATIONS

Dimensions:	8.50"W (216mm) X 8.50"D (216mm) X 3.50"H (89mm) from finished surface.
Construction	High-impact flame retardant type ABS plastic, Soft Grey color.
Mounting:	Desk or Surface wall mounting.

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.