

## **Avire Inc. EMS5 Call Director Consultant Specifications**

### 1.0 General Description

The EMS5 Call Director is a telephone system designed to meet the ASME and B44 code requirements of the elevator industry. This system, when being used with EMS phones and Master Station units, allows for a complete two-way communication means between the car and a location on or offsite.

### 1.1 EMS5 Call Director

The elevator telephone system shall be the EMS5 Call Director unit. The unit will be housed in a provided metal enclosure that will have a four-hour battery backup included and be expandable to allow up to 8 EMS5 units to be connected to each other permitting up to 64 telephones to be connected to the system. The unit will have LED lights that show the status of Com Error, Active Call, Charging of Battery, Battery Status, and AC Status. The unit will be capable of monitoring the incoming phone line and alerting someone if the phone line is non-functional.

The EMS5 unit allows multiple EMS elevator phones to be connected to one phone line. It shall have the ability to call up to three preprogrammed numbers. When an elevator phone is activated an internal call within the system shall be generated to all Master Station Phones connected to the system, if the call is not answered at the master station, within the prescribed time, the call shall be automatically directed to a preprogrammed phone number. The EMS5 will automatically answer on an incoming call. The person calling into the system will be able to enter a code to go into programming mode or enter a code to call into a specific elevator car or bank of cars.

The EMS5 Call Director shall be powered from a 110 VAC to 16 VAC transformer.

The model numbers are EMS5 Call Director, SHW and SHWMR master stations and shall be supplied by Avire Inc.

### 1.2 Approved Manufacturers

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