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# Thank you for using our products. INSTALLATION INSTRUCTIONS REMOTE MICROPHONE (FOUR CIRCUIT)

Use this product according to this instruction manual. Please keep this instruction manual for future reference.

#### **MODEL NUMBERS:**

SD-RMS-1RMB Remote Microphone Four Circuit Black

#### **GENERAL:**

The Remote Microphone is designed to be used with Wheelock's Four Zone SAFEPATH. It provides a means for making emergency voice announcements from an auxiliary location. The hand held push to talk microphone is supervised to ensure proper connection.

## READ THESE INSTRUCTIONS CAREFULLY BEFORE USING THIS PRODUCT.

#### **SPECIFICATIONS:**

Power Input Voltage: 20-31VDC
Audio Output Level: 1.05VRMS
Output Impedance: 600 Ohms
Input Current: 50mA

#### WIRING DIAGRAM:

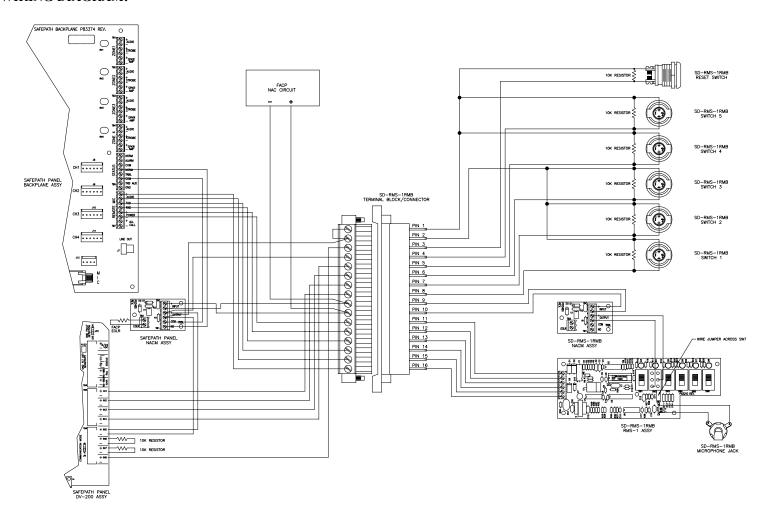


Figure 1.

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### WIRING SPECIFICATIONS:

Cable Size: 14 - 22 AWG Shielded. The shield must be connected only at the SAFEPATH Panel.

Maximum Length: 1000 Feet

Maximum Capacitance: .05uF/Total Run (50pF/foot for 1000 FT.)

### **MOUNTING INSTRUCTIONS:**

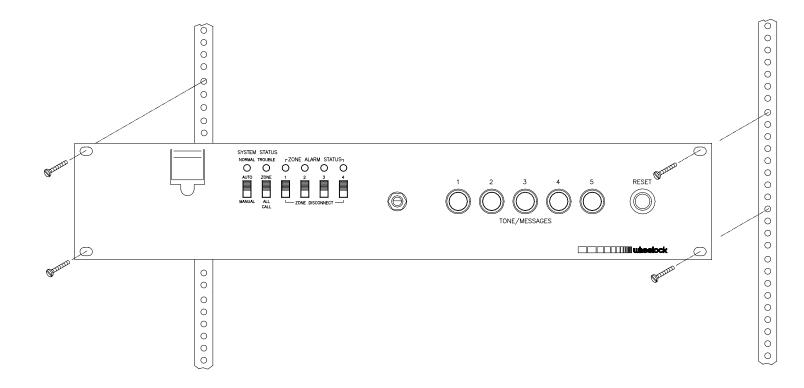


Figure 2.

- 1. Mount to 19" rack using 4 screws recommended by rack manufacturer.
- 2. Attach the wires to the RMS-1 as shown in the wiring diagram.
- 3. Wire as shown in the wiring diagram.

#### **OPERATING INSTRUCTIONS:**

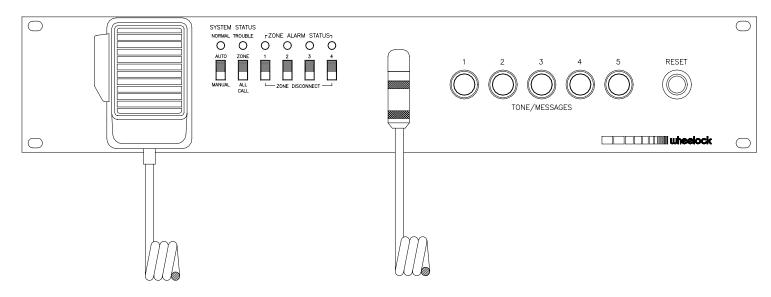


Figure 3.

- 1. The green LED indicates there are no faults in the SAFEPATH system. The amber LED indicates there are 1 or more faults in the system (see SAFEPATH manual for troubleshooting procedures). The red LEDs indicate that the zone is in an alarm condition.
- 2. Switching the AUTO/MANUAL switch to the MANUAL position initiates a tone alarm.
- 3. Pressing the microphone press-to-talk button initiates a live audible announcement.
- 4. Each alarm has its own priority. The actions of the Remote Microphone might override or be overridden by other actions. See Table 1 for a list of all alarm conditions.
- 5. Switching a ZONE DISCONNECT switch removes that zone from an alarm condition.
- 6. Switching the ALL CALL switch to the ALL CALL position overrides all zone disconnects.

**NOTE**: Some models may have "Words" indicating the type of message instead of numbers above the Tone/Message activation buttons.

Table 1: Alarm Conditions and the Respective Resulting Actions (in order of priority)	
1. Panel mic push-to-talk button is depressed.	a. Panel live voice broadcast enabled
	b. Strobes not enabled
2. AUTO/MANUAL switch in manual position.	a. Selected tone broadcasts
	b. Strobes enabled
3. Remote mic push-to-talk button depressed.	a. Remote mic live voice broadcast enabled
	b. Strobes enabled
4. Remote mic AUTO/MANUAL switch in	a. Selected tone broadcasts
manual position.	b. Strobes enabled
5. Channel play contacts close.	a. Selected tone broadcasts
	b. Strobes enabled
	c. If DV option is attached, then:
	Recorded message plays
	2) Strobes enabled
See SAFEPATH Manual for additional information.	

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