

MMP  
Model 200900  
AED  
Alarm System



Operations  
Manual



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# Section 6

## MMP MODEL 200900 ALARM SYSTEM

### TROUBLE SHOOTING GUIDE

- 1) **KEYED SWITCH IS IN THE ( ON ) POSITION**
- 2) **ALARM SWITCH ON FRONT OF ALARM IS SWITCHED TO THE (ALARM) POSITION. SEE PICTURE ON FRONT COVER.**
- 3) **OPTION SWITCH 1 IS IN THE (DOWN) POSITION AND 2, 3, AND 4 ARE IN (UP) POSITION. PG. 7, SECTION 4, OPTION 1.**
- 4) **CHECK JACK PLUGS ARE PUSHED IN AND SECURE. PG. 4, FIGURE 2-1.**
- 5) **CHECK CONNECTION ON STROBE (IF SO FITTED ) THAT IT IS PUSHED IN AND SECURE. PG. 6 SECTION 3, FIGURE 3-1.**

**AT THIS POINT THE ALARM SHOULD SOUND WHEN DOOR IS OPENED AND SHUT OFF WHEN DOOR IS CLOSED.**

**IF THE ALARM SOUNDS AS SOON AS THE KEYED SWITCH IS TURNED TO THE (ON) POSITION WITH THE DOOR CLOSED. FIRST CHECK #3 FROM ABOVE LIST. ALSO CHECK TO SEE THAT THE RUBBER BUMPER IS MAKING CONTACT WITH THE MECH. SWITCH. (THE RUBBER BUMPER IS LOCATED ON THE INSIDE OF THE DOOR AND SHOULD BE CENTERED IN THE RECTANGLE WERE MECH. SWITCH MEETS THE DOOR IN THE CLOSED POSITION. )**

**IF THE ALARM DOES NOT SOUND WHEN DOOR IS OPENED. CHECK ITEMS 1-5 IN THE ABOVE LIST AND ALSO TRY A NEW BATTERY.**

**IF THESE INSTRUCTIONS DO NOT GET THE ALARM OPERATING, PLEASE CONTACT YOUR DISTRIBUTOR.**

## Section 5

### ▪ Battery

#### ○ Standby

The battery life of the alarm is determined by the state of the alarm. When the alarm is in standby, the buzzer and strobe off, the alarm will function in standby for two full years with out needing a battery change. It is still recommended to change battery twice a year

#### ○ Full operation

When the unit is activated and the strobe and buzzer are functioning, the unit will function for a full two hours.

**Note:** The battery should be changed every time the unit is activated to ensure full life expectance.

#### ○ Changing the Battery

The battery can be changed while the unit is still mounted, or after the unit has been removed. In either case the battery is accessed from the front of the unit by removing the two Phillips head screws and lifting the battery cover off as shown in Figure 5-1

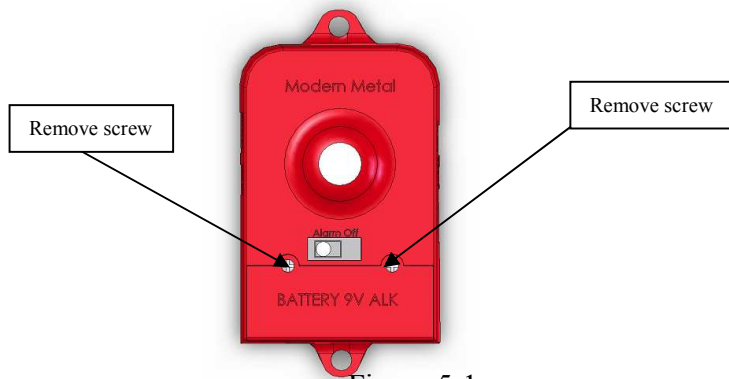


Figure 5-1

*Note: The battery is to be replaced with an industrial 9v Alkaline battery.*

## Section 1

### ▪ Features

#### ○ Alarm volume

The alarm has a very high decibel level (85-120 db). The decibel level will vary with the life of the battery. See section 5 for more information on battery life and when to change.

#### ○ Alarm setting

Alarm has the option to be activated in four different settings. See Section 4 for more details on how to set alarm.

1. Alarm activated when door is opened, shuts off when door is closed.
2. Alarm activated when door is opened, shut off with key only.
3. Activates for 30 seconds, when door is opened.
4. Activates for 3 minutes, when door is opened.

#### ○ External alarm relay wiring

The optional relay wiring is used to connect the alarm to an external security monitoring system. See section 2 for more details.

#### ○ Mechanical door switch

The mechanical door switch is used to activate the unit when the door is opened and deactivate the unit when the door is closed. See section 2 for more details.

#### ○ Low battery chirp

Alarm has a low battery chirp to warn when battery is low. When chirp is heard change the battery as soon as possible. See section 5 for battery details and instructions.

# Section 2

- **Standard Features**

- **Key Switch**

The Key Switch is attached to the right side of the unit as indicated in Figure 2-1.

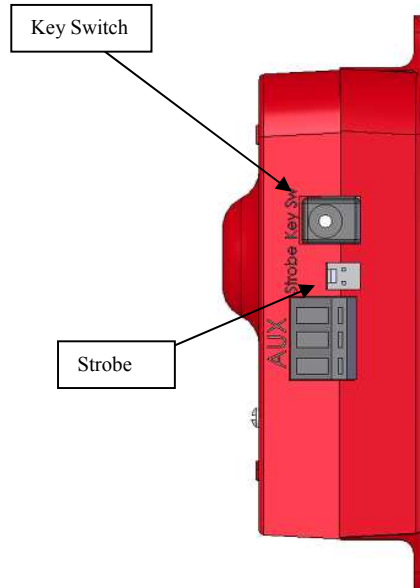


Figure 2-1

*Note: If the Key Switch is attached and turned on, without any of the switches attached, the unit will be armed and activate. The unit requires a switch to be deactivated when armed.*

- 3. **Alarm activates for 30sec after door is opened.**

To obtain this setting “Dip” switches 1, 2 and 3 will need to be in the down position while switch 4 is up, see Figure 4-3.

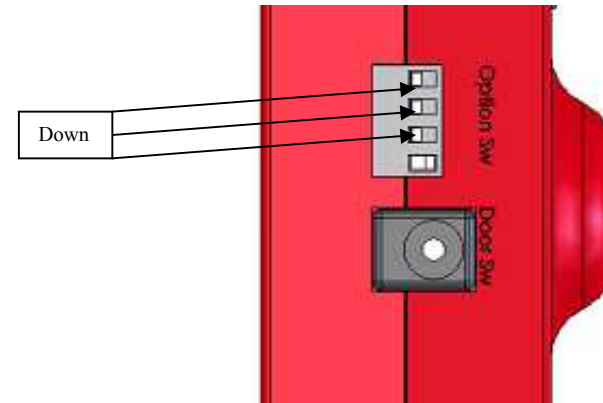


Figure 4-3

- 4. **Alarm activates for 3 minutes after door is opened**

To obtain this setting “Dip” switches 1, 2, and 4 will need to be in the down position and switch 3 in the up position, see Figure 4-4.

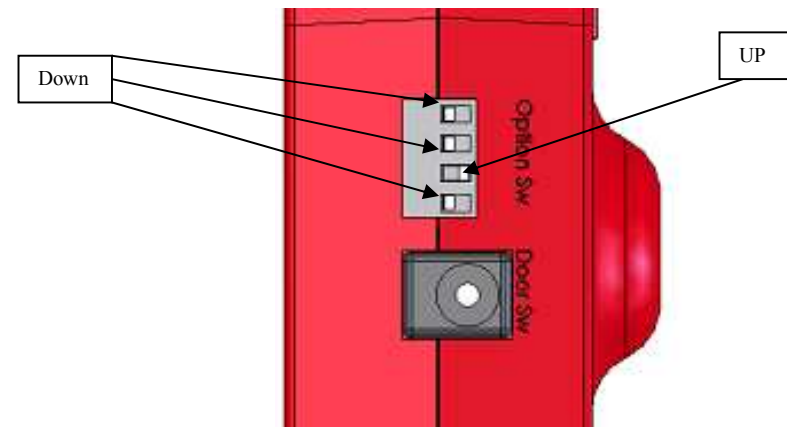


Figure 4-4

## Section 4

### 1. Alarm is activated when door is opened, shuts off when door is closed.

To obtain setting #1 “Dip” switch 1 will need to be down and the rest up, see in Figure 4-1

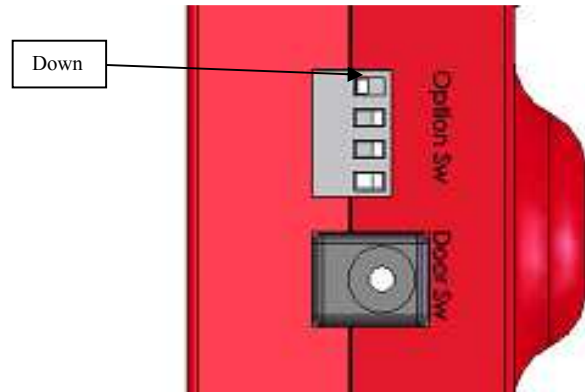


Figure 4-1

### 2. Door is “open” unit is activated until reset/turned off with the key switch

Setting #2 can be accomplished by putting all of the “DIP” switches in the up position see in Figure 4-2



Figure 4-2

## Section 2

### o Mechanical door switch

The mechanical door switch is used to activate the alarm when the door is opened, deactivate the unit when the door is closed. Mechanical door switch is attached to the cabinet and connects to the left side of alarm. See Figure 2-1

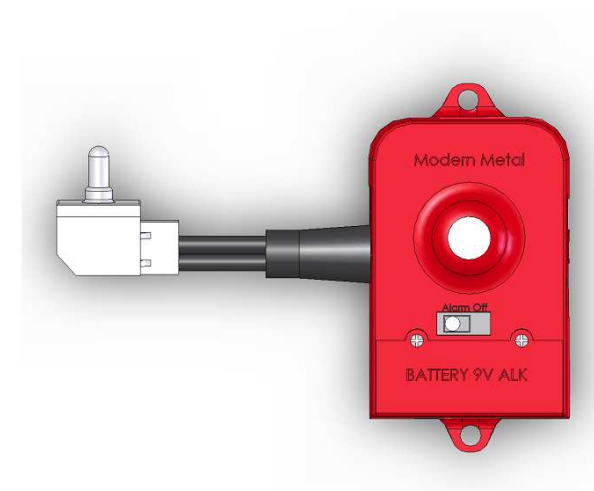


Figure 2-1  
Not shown to scale

## Section 2

### ○ External alarm relay wiring

The relay wiring is used for connecting the alarm to an external security system. Wires are connected by inserting them into the upper slots of the connector as seen in figure 2-2. They can be removed by pressing a small flat blade screwdriver into the bottom slot that corresponds with the wire needing to be removed see figure 2-2.

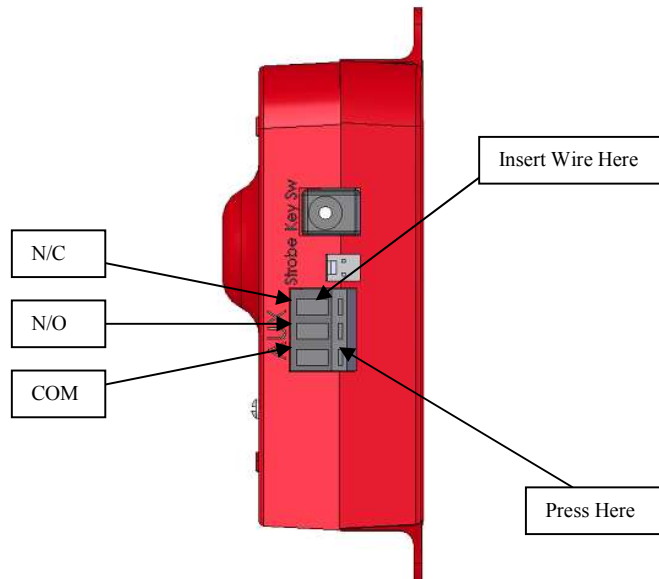


Figure 2-2

## Section 3

### ▪ Optional accessories

#### ○ Strobe

The strobe is used as a visual indication of the alarm being activated. The strobe is powered by the alarm and only requires to be connection to the right side of the alarm see figure 3-1. When the alarm is in the off position the strobe will still activate when the door is open. The strobe can be purchased at the same time as the alarm or added after.

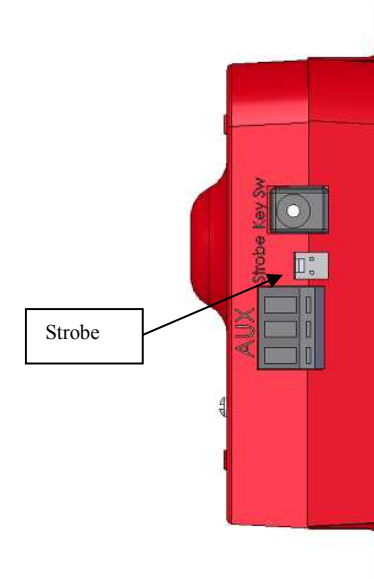


Figure 3-1

#### ▪ Reed switch

The reed switch is used in place of the mechanical switch. It activates the alarm when the magnetic field is broken. This option is available at an additional cost.