AED Cabinet

And

Alarm Manual

MMP MODEL 200900 ALARM SYSTEM

Table of Contents

Assembly and Installation

Door handle and roller latch assembly

1. Locate plastic bag containing: cabinet door handle, roller latch, and mounting screws.
2. Secure the handle opposite the hinge on the cabinet door. Use the ¾" machine screws to mount the handle. See figure 1
3. Fasten the roller latch on the inside of the cabinet door. Place the roller over the two oval holes found between the handle screws so it faces away from the window. Secure the roller latch using two 3/8" sheet metal screws provided. The oval holes enable you to slide the roller latch right (to door edge) to increase or left to decrease door tension.

Mount door handle with 3/4" screws

Mount roller latch with 3/8" screws
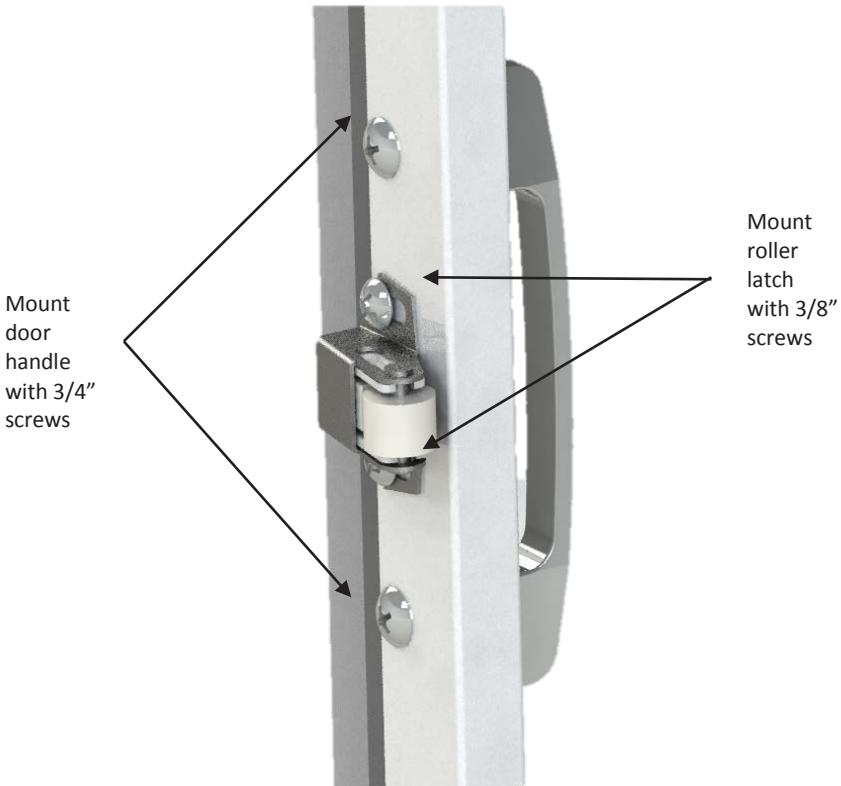
Figure 1

Assembly and Installation

Surface mount installation
1. Locate metal or wood studs within the walls and mark their locations.
2. Four mounting holes are on the back of the cabinet. We recommend that you fasten a minimum of two of these anchor points into one or more wall studs.

Surface Mount

Recessed and Semi-recessed mount installation
1. In a wall constructed of metal or wood studs. Install a framed opening in the wall at the cabinet's intended location. Wall opening width, height, and depth must correspond to the tank dimensions of the cabinet.
2. Cabinet measurements featured on page 10.
3. Frame wall above, below and on both sides of cabinet opening. Place cabinet in position and anchor cabinet using the holes in the cabinet's side. Attach cabinet to intended location using screws, bolts or anchors as required (Not supplied).

Semi-recessed

Alarm

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 pages 7 and 8 for more information on battery life.

Alarm settings

Alarm has the option to be activated in four different settings. See pages 5 and 6 for more information on activation settings.

1. Alarm activated when door is opened, shuts off when door is closed.
2. Alarm activated when door is opened, shuts 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 page 7 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 the section on batteries for instructions on how to change battery.

Alarm Switch Standard Features

Key Switch

> The key switch is used to activate and deactivate the alarm. The Key Switch is attached to the left side of the top of the alarm as indicated in Figure 2.

Door Switch

> The door switch is used to activate the alarm when the door is opened, deactivate the unit when the door is closed. Door switch is attached to the cabinet and connects to the right side of the top of the alarm. See Figure 2

Top of the alarm

KEY SWITCH

DOOR SWITCH

Figure 2

Alarm Activation Settings

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

> To obtain setting "Dip" switch 1 will need to be down and the rest up, See figure 3

Figure 3

Alarm Activation Settings

Option 2: Door is "open" alarm is activated until reset or turned off with the key switch

To obtain setting all of the "DIP" switches are in the up position see in Figure 4

Figure 4

Option 3: Alarm activates for 30 seconds after door is opened

To obtain setting "Dip" switches 1, 2 and 3 are in the down position, switch 4 is in the up position, see Figure 5
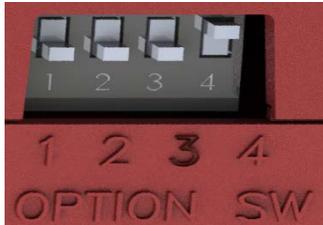
Figure 5

Option 4: Alarm activates for 3 minutes after door is opened

To obtain setting "Dip" switches 1, 2, and 4 are in the down position and switch 3 is the up position, see Figure 6


Figure 6

Alarm External Contacts

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 7. 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 7.

N/O

COM

NC
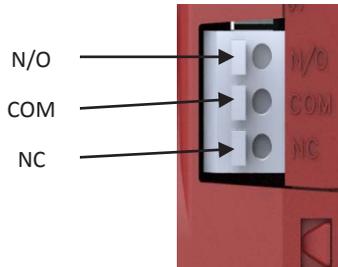
Figure 7

Battery

The cabinet houses a critical piece of life saving equipment, proper battery installation and semi-annual maintenance is very important.

Installation

> The alarm is attached to the cabinet with two push on nuts. A new battery can be installed while the alarm is attached to the cabinet or you may easily remove the alarm for service. In either case the battery is accessed from the front of the alarm by removing the Phillips head screw and sliding the battery cover off to the left as shown in Figure 8. The battery life of the alarm is determined by the state of the alarm. When the alarm is in standby and the buzzer and strobe are off, the alarm should function in standby for two full years without changing. It is still recommended to change battery twice a year.

Battery

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.

Maintenance

Only use a new, 9-volt alkaline battery. A new battery may last approximately two years while in "standby" mode, semi-annual battery change is recommended. The alarm will emit a "chirp" sound when the battery level has reached its lowest level.

Remove Screw
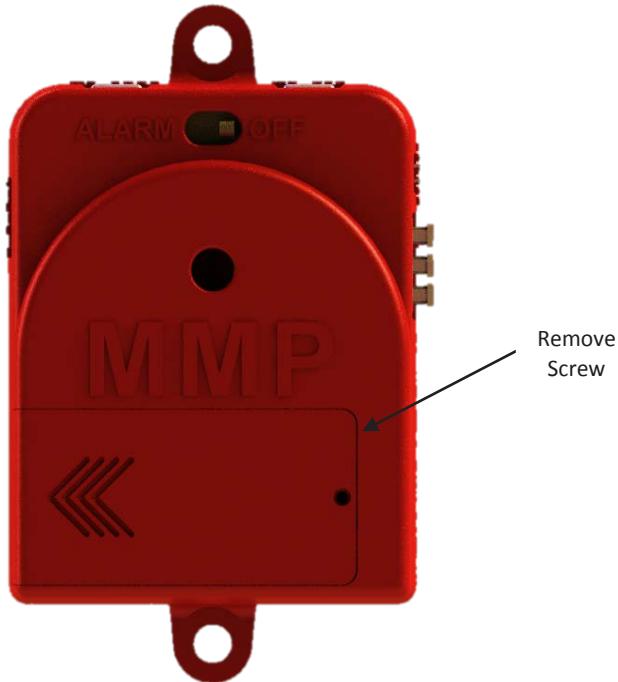
Figure 8

Strobe Light Option

Strobe

A built in strobe light on your cabinet provides two key benefits:

1. It is an excellent visual indicator of an emergency or as a deterrent to tampering.
2. In loud environments it provides a highly visible alert where the audible alarm could go unnoticed.

If you purchased a strobe light with your cabinet it is installed prior to shipping and is connected to the alarm.

Strobe option is available for surface mount, recessed and semi-recessed cabinets.

Adding a strobe

You may purchase a strobe light separately at any time for use with cabinets equipped with an alarm.

Strobe ——————→

Figure 9

Cabinet Specifications

SIZE	MOUNT	INSIDE DIMENSIONS			OUTSIDE DIMENSIONS			ROUGH WALL OPENING		
		Height	Width	Depth	Height	Width	Depth	Height	Width	Depth
145	SM	12.875"	13.375"	4.875"	13"	13.5"	5"	—	—	—
145	SR3	10.875"	11.375	4.875"	13"	13.5"	3.125"	12"	12.5"	2"
145	R1	10.875"	11.375	4.875"	13"	13.5"	1"	12"	12.5"	4.25"
147	SM	12.875"	13.375"	6.875"	13"	13.5"	7"	—	—	—
147	SR3	10.875"	11.375	6.875"	13"	13.5"	3.125"	12"	12.5"	4"
147	R1	10.875"	11.375	6.875"	13"	13.5"	1"	12"	12.5"	6.25"
180	SM	17.375"	17.375"	6.875"	17.5"	17.5"	7"	—	—	—
180	SR3	14.125"	14.125"	6.875"	17.5"	17.5"	3.125"	15"	15"	4"
180	R1	14.125"	14.125"	6.875"	17.5"	17.5"	1"	15"	15"	6.25"
189	SM	17.375"	17.375"	8.875"	17.5"	17.5"	9"	—	—	—
184	SM	30.375"	15.375"	8.375"	30.5"	15.5"	8.5"	—	—	—
184	SR3	26.875"	11.875	6.375"	30.5"	15.5"	2.5"	28"	13"	4"
186	R1	26.875"	11.875	6.375"	30.5"	15.5"	1"	28"	13"	6.25"
186	SM	37.625	15.375"	9.375"	37.75"	15.5"	9.5"	—	—	—

Trouble Shooting Guide

1. Keyed switch is in the on position.
2. On front of alarm the alarm/off switch is in alarm position. See picture on front cover.
3. Dip switches on the side for alarm are set as follows: 1 is in the (down) position and 2, 3, and 4 are in up position. See pages 6 in the alarm activation section of manual.
4. Check key and door switch connections are pushed in and secure. See page 5, figure 2.
5. Check connection on strobe (if so fitted) that it is pushed in and secure. See page 9, figure 9

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, check the following:
1. Dip switches on the side for alarm are set as follows: 1 is in the (down) position and 2, 3, and 4 are in up position. See pages 6-7 in the alarm activation section of manual.
2. There is a rubber bumper the door switch makes contact with when door is closed. Check to see that the rubber bumper is in position to make contact with the door switch.

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.