

ADDITIONAL NOTES

Please be aware that pets may trigger the motion detector sensor.

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Manufactured for :
Mace Personal Defense & Security, Inc.
4400 Carnegie Avenue, Cleveland, OH 44103 USA
(440) 424-5321 • www.mace.com

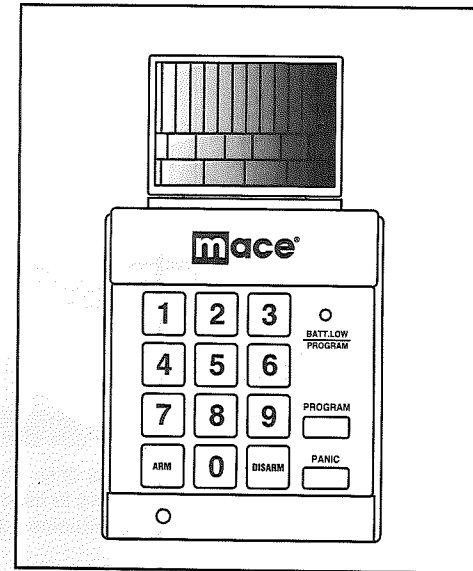
610-12505-003R

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mace[®]

MOTION ALERT OWNER'S MANUAL

MODEL #80200



OPERATION INSTRUCTIONS

The Motion Alert is an excellent standalone low cost security system. The system has a detection range of up to 32 feet (10 meters) and a detection angle of 110 degrees making it ideal for wide area coverage.

Please read the instructions completely before attempting installation of the system.

FEATURES

- Easy installation
- Adjustable swivel motion sensor head
- High output 105 dB alarm
- Motion detection range up to 32 feet (10 meters)
- Motion detection angle up to 110 degrees
- User selectable alarm sounding time and entry delay times
- Alarm/door chime mode
- Intrusion memory indicator
- Lighted keypad (when used with the optional AC adaptor)
- Battery low indicator

TOOLS REQUIRED

- #0 Phillips screwdriver
- #2 Phillips screwdriver
- #1 Flathead screwdriver
- Hand or power drill (optional)

IMPORTANT SAFETY TIPS

This system is designed for indoor use only. Do not install where the system will be exposed to direct sunlight, rain or other damaging environmental conditions.

The siren is very loud. Never put the unit close to your ear.

The motion sensor head should be directed away from heat sources such as radiators, heating ducts and stoves. If the system sounds at random, it is

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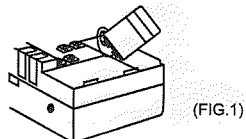
possibly too close to a heat source. Change the location of the system or direction of the motion sensor head.

If you make an error in programming or if you forget the security code, remove all power sources and wait 3 minutes for the system to reset. Once you replace the power source, the system will be restored to the factory default settings.

INSTALLATION INSTRUCTIONS

Console

1. Remove the screw from the battery compartment cover located on the rear of the console. Slide the cover down and install a new 9 volt alkaline battery (Fig. 1). Replace and secure the battery compartment cover.

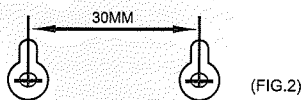


2. Depending upon the intended use, the console may be either mounted to a wall or used in a free-standing horizontal position.

Wall Mounted

After selecting the desired location and prior to mounting the console, a detection area testing survey should be completed. Please refer to the section, TESTING THE DETECTION AREA, of this manual.

a. Using the enclosed paper mounting template, mark the location of the mounting holes and install the anchors and screws. Leave the head of the screws away from the surface approximately 1/8". For optimal coverage, it is recommended that the device be mounted between 5 to 6.5 feet (1.5 to 2 meters) from the floor (FIG.2).



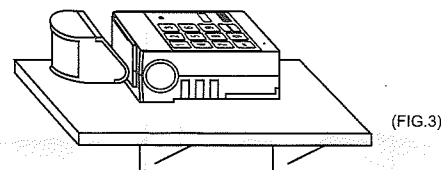
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- b. Place the console over the screws and slide the console down to secure in place. It may be necessary to adjust the gap between the surfaces to achieve a secure installation.
- c. Adjust the motion sensor head to achieve the desired coverage area.

Shelf Mounted

After selecting a location for installation of the console, a detection area testing survey should be completed. Please refer to the section, TESTING THE DETECTION AREA, of this manual.

a. Turn the motion sensor head 180 degrees clockwise then gently move the head upwards to achieve the desired angle. Place the console in the desired location (FIG.3).



PROGRAMMING

After you have completed the installation process, it is recommended that you change the default security code, select the appropriate alarm sounding time and select the desired entry delay time. Changes to the system settings may only be made when the system is disarmed.

Security Code

The factory default security code is "000". For maximum protection, you should change the security code to a new code of between 1 and 6 digits. Select a code which is easy for you to remember but not easy for someone to guess.

The set a new security code for the system,

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complete the following steps at the console:

- a. Enter 000 and then depress the PROGRAM key.
- b. Enter the new security code of between 1 and 6 digits.
- c. Depress the PROGRAM key.
- d. The system will respond with two short beep tones to indicate that the new security code has been accepted.

To reset the security code, complete the following steps at the console:

- a. Enter the current security code and depress the PROGRAM key.
- b. Enter the new security code of between 1 and 6 digits.
- c. Depress the PROGRAM key.
- d. The system will respond with two short beep tones to indicate that the new security code has been accepted.

Alarm Sounding Time

The factory default for the alarm sounding time is 30 seconds. Regardless of the alarm sounding time selection, if triggered, the alarm will sound for two cycles with 30 seconds of silence between each cycle.

To change the factory default setting, complete the following step at the console:

- a. Depress the PROGRAM key followed by one of the digits shown below:
 - "1" 30 seconds sounding
 - "2" 60 seconds sounding
 - "3" 90 seconds sounding
- b. The system will respond with two short beep tones to indicate that the change has been accepted.

Entry Delay Time

The factory default entry delay time is 15 seconds. To change the factory default setting, complete the following step at the console:

- a. Depress the PROGRAM key followed by one of the

digits shown below"

- "7" 15 seconds delay
- "8" 8 seconds delay
- "9" 0 seconds delay

- b. The system will respond with two short beep tones to indicate that the change has been accepted.

OPERATIONS

The chime feature will not function when the system is in the armed mode. Please slide the CHIME switch to the OFF position prior to arming the system.

To arm the system, complete the following steps at the console:

- a. Enter the security code.
- b. Depress the ARM key.
- c. The system will respond with three short beep tones to indicate that the device has entered the pre-arm phase. After 60 seconds, an additional beep tone will confirm that the system is now in the armed mode.

To disarm the system, complete the following steps at the console:

- a. Enter the security code.
- b. Depress the DISARM key.
- c. The system will respond with a single short beep tones to indicate that the device is disarmed.

TESTING THE DETECTION AREA

To be an effective deterrent, the system must provide protection to the intended coverage area. To ensure that the system is suitably positioned, turn the chime switch to the ON position. The system will sound a single ding dong tone and after approximately 60 seconds, a single high pitched beep tone will sound. The system is now in test mode.

Try walking in front of the motion sensor. If the

sensor detects motion, a dual ding dong tone will sound from the system. If no tone sounds, you should adjust the location of the system or motion sensor head until the desired coverage is obtained.

BATTERY LOW INDICATOR

When the system detects a low battery condition, the "BATT LOW" indicator will flash once every 3 seconds. A new 9V alkaline battery should be installed immediately or the system may fail to function. Please refer to the section, INSTALLATION, Step #1, of this guide.

When operating in armed mode, the expected battery life is 10 days. In disarmed mode, the expected battery life is 30 days. If the system is going to be armed for an extended period of time, it is recommended that the optional AC/DC power adaptor be installed. Please refer to the section, AC/DC POWER ADAPTOR, of this guide.

For power saving reasons, the low battery indicator works only when the system is armed.

INTRUSTION MEMORY INDICATOR

When you disarm the system, if the "BATT LOW/PROGRAM" LED flashes 3 times, this indicates that the system has triggered during the last arming mode. Should you observe this indicator, please check the surroundings before entering the area.

AC/DC POWER ADAPTOR

The system may be powered by an optional AC/DC adaptor which supplies 9V DC 500 MA with a 3.5 mm diameter male plug, center tip positive (+). The adaptor plugs into the alarm at the jack located on the side of the unit below the CHIME switch. When powered by an external power source, the red LED indicator in the lower left hand corner of

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the face of the alarm will be illuminated. When armed, the red LED will flash to indicate that the system is armed. The AC/DC adaptor is readily available from many electrical supply stores or may be purchased from Mace, model #80376 (FIG.4).

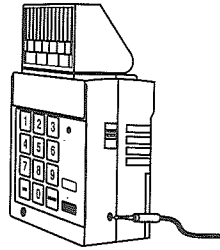


Fig.4

TROUBLESHOOTING GUIDE

System will not arm or disarm:

- Ensure that you have entered the correct security code. If you cannot remember the security code, remove all power sources and wait for 3 minutes. After 3 minutes, reattach the power source(s). The system is now reset to the factory default settings. Please refer to the PROGRAMMING section of this guide to reconfigure the system.
- Install a fresh 9V alkaline battery

Internal siren does not sound:

- Install a fresh 9V alkaline battery and check operations.
- Remove all power sources and wait for 3 minutes. After 3 minutes, reattach the power source(s) and try the system again. The system is now reset to the factory default settings. Please refer to the PROGRAMMING section of this guide to reconfigure the system.

Weak sound from internal siren or motion sensor does not work:

- Install a fresh 9V alkaline battery and check operations.

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ADDITIONAL NOTES

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