



**3M** Science.  
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# Beacon User Guide

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## SAFETY INFORMATION

Please read, understand, and follow all safety information contained in these instructions prior to the use of this 3M Electronic Monitoring device. Retain these instructions for future reference.

### Intended Use:

This 3M Electronic Monitoring device is part of an electronic monitoring system, which performs data transfer using cellular network to a monitoring platform. This device has not been tested for and is not intended for use on airplanes, in hazardous environments, in healthcare facilities, or where cellular phones or other intentional transmitters are restricted.

Explanation of Signal Word Consequences	
 <b>WARNING:</b>	Indicates a hazardous situation which, if not avoided, could result in serious injury or death
 <b>CAUTION:</b>	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury and/or property damage.
<b>NOTICE:</b>	Indicates a situation which, if not avoided, could result in property damage.

Safety information for Trained Customer (e.g., officer, agency representative, ministry of justice) and Offender.

### **WARNING**

- Avoid placing a device next to an implanted electronic device (e.g., don't carry the device in a shirt or jacket pocket directly near an implanted device).
- **To reduce the risks associated with fire or explosion:**
  - Do not intentionally open or damage the device.
  - Do not enter areas with potentially explosive atmosphere. Potentially explosive areas are often, but not always, clearly marked.
- **To reduce the risks associated with hazardous voltage:**
  - Do not modify AC/DC power adapter plug.
  - Do not force the power plug into an outlet where it does not fit.
  - Use only a 3M provided power adapter to recharge or power the device.
  - Do not unplug AC/DC adapter by power cord. Handle the adapter by the body only.
  - Do not modify, decorate, or attempt to service the device. Return to 3M authorized personnel or location for repair or service. There are no user serviceable parts.
  - Do not attempt to charge the device using an outdoor outlet. Only use the AC/DC adapter indoors.

- Do not expose power adapter to rain, steam or wet conditions.
- Do not submerge the device, or hold the device under running water, while it is charging.
- Do not submerge the device, or hold the device under running water.

### CAUTION

- **To reduce the risks associated with hot surfaces:**
  - Do not touch thermal pads on device or charger if charging is interrupted.

Safety information for Trained Customer only.

### WARNING

- **To reduce the risks associated with fire or explosion:**
  - Do not attempt to access or replace battery. Battery is not user-replaceable. The device shall be opened by 3M authorized service only.
  - Ensure storage temperature of device is within the range as specified in device manual.

### CAUTION

- **To reduce the risks associated with sharp points:**
  - Use caution when handling pin trays.

Safety information for Offender only.

### WARNING

- **To reduce the risks associated with fire or explosion:**
  - Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
  - Do not use device outside of the operation temperature range specified in device manual. Contact the agency representative from which you are monitored to get operation temperature range.
- **To reduce the risks associated with hazardous voltage:**
  - If the device or power cord becomes damaged, contact the agency representative from which you are monitored.

### NOTICE

- Only authorized personnel can turn off or remove the device.



## **About This User Guide**

The Home Unit Installation and Operation Guide has been created for the installation expert and is meant as a guide through the installation and operational procedures. This manual assumes that you have at least some experience with electronic monitoring systems.

This manual does not contain information regarding system settings, configuration or any other software produced by 3M, unless directly related to this product.

Please refer to the appropriate manuals for information with respect to the Monitor Operator and System Administration manuals.

All related hardware and software must be installed and repaired by a qualified 3M customer service representative or an experienced system administrator.

3M is committed to innovation and continued improvement. Upgrades may be announced that consist of software improvements and updated manuals will generally accompany those system changes.

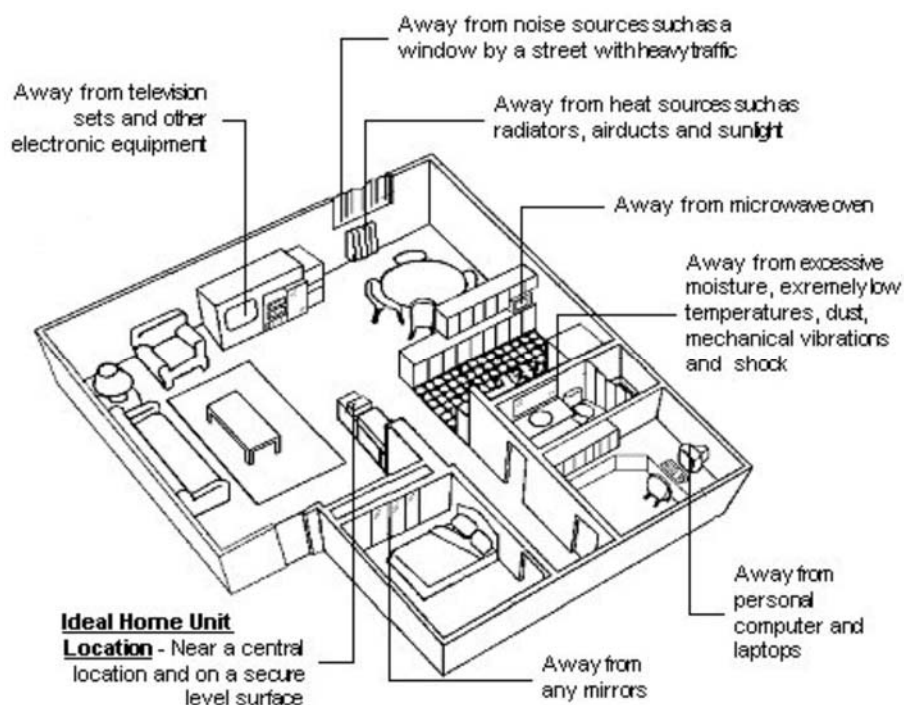
## Installation & Activation Instructions



## Locating the Home Unit

Place the Home Unit as close to the center of the curfew location as possible, 3 ft (1 m) off the ground and at least 1 foot (30 cm) away from the wall.

*Figure 2 Locating the Home Unit*



## Activating the Home Unit

To activate the Home Unit:

Connect the adapter end of the external power cable to the power outlet. The Charge/Power LED on the front panel is solid green when it is plugged in and/or the battery is charged.

The Home Unit is now in monitoring mode.

**Note:** The Home Unit will audibly beep three times if the power is disconnected.



### **To deactivate the Home Unit:**

1. Using a screwdriver, unscrew and remove the Unit holding screw located on the underside of the mounting bracket.
2. Disconnect the Home Unit from the mounting bracket by pulling the Unit upwards slightly.
3. Remove the Home Unit from the mounting bracket and turn the Unit over. The deactivation button is located on the backside of the Unit.
4. Using a pointed instrument (but not sharp), push down on the reset button. The Home Unit deactivates.

## **Maintaining & Packaging the Monitoring Equipment**

Regular cleaning of your Elmo-Tech equipment is recommended, using Elmo-Tech approved products.

After cleaning, Elmo-Tech recommends that you perform a visual inspection of all Units to check for cracks or any other damage, before redeploying into the field.

### **Cleaning the Home Unit**

To clean the Home Unit:

1. Remove the Unit from its carrying case.
2. Spray the surface of the Unit with an alcohol based cleaner (optional).
3. Using a damp cloth, wipe the outside of the Unit.
4. Using a dry cloth, or paper towel, dry the outside of the Unit.
5. Once the Unit is dry, return it to its carrying case.

**Note: 3M EM recommends Citrus-based cleaner by 3M (<http://solutions.3m.com/>).**

**Caution: Do not, under any circumstances, submerge or place the unit under running water.**

## **FCC Information**

### **FEDERAL COMMUNICATIONS COMMISSION (FCC) Part 15 STATEMENT**

The equipment complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna, 2. Increase the separation between the equipment and the receiver, 3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected, 4. Consult the dealer or an experienced radio/TV technician for help.

**CAUTION:** Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.