

SETUP:

1. Install the AE107 console in a convenient location which must be near both a telephone jack and an AC power outlet. Locating the console in the kitchen and bath areas are not recommended because of water exposure and appliances which may give off radio interference.

2. Connect the telephone cord (included) to the telephone jack on the back of the console marked "LINE". Connect the other end of the telephone cord to the wall phone jack. If you already have a telephone or other phone device connected at this location connect it to the telephone jack on the back of the console marked "PHONE".

3. Plug in the AC adapter to the AC outlet. **Caution: Do not use an outlet which may be turned off by a wall switch.** When the AC adapter is plugged in the system buzzer will sound briefly indicating the AE107 is operational and ready to use.

The GREEN Power/Reset button should be lighted and the RED Emergency button dimly lighted. Reset the console by pressing the Power/Reset button briefly and the system buzzer will sound briefly. This is SYSTEM RESET. You may reset the system in this manner to stop an emergency report if you accidentally activate the unit.

Notify the monitoring station that setup is complete and you are preparing to test the system.

IMPORTANT: It is very important that you test your system and system transmitter on a regular basis. It is recommended that you activate the system every day with the transmitter and reset it immediately to verify the transmitter is working. This is especially important if you wear the transmitter in the shower or bath.

Do a range test every month. Call the monitoring station and arrange to do a complete test including the central station connection at least once a month and after any electrical storm with local lightning activity.

Call the Service Provider if at any time the system does not test satisfactory.

It is recommended that a combination Telephone Line/AC Power surge protector be installed with the console in locations with frequent lightning activity.

Testing the AE107

Daily Transmitter Test. To verify that the transmitters are working once each day while near the console activate the console using the transmitter and immediately reset the system by pressing the GREEN Power/Reset button.

Monthly Range Test: Press and hold the GREEN Power/reset button. When the button is first pressed the console buzzer will sound briefly and after about 5 seconds the buzzer will sound a second time. Release the button after the buzzer sounds the second time. The system is now in the Range Test mode.

The console buzzer will sound each time a signal is received from a Pendant or Wrist style transmitter. Activate the transmitter from different locations within the living area making certain that the transmitter activates the system. Check all transmitters included with the system. **If a transmitter will not activate the system from a location in the test mode it will not activate the system from that location in an emergency.** When the range tests are complete press the GREEN Power/Reset button briefly to reset the system.

NOTE: The system will not call the monitoring station while in the Test mode. If you forget to reset the system the system will automatically reset from the test mode after a few minutes after you stop testing transmitters.

Monthly Central Station Test: First call the monitoring station and let them know you are conducting a test. Then activate the system using the transmitter or by pressing the RED Emergency button. The system will sound a six second loud buzzer to confirm it is reporting an emergency. The RED Emergency button will flash as long as the system is reporting.

The system will dial the monitoring station and automatically connect and report the emergency. This process typically takes between 15 and 45 seconds.

When the report is complete the system will reset if two way voice is not part of the system.

If two way voice is provided as part of the system then the system will go to the voice standby mode and give a short chirp every 3 seconds until the monitoring station operator activates voice communications. The RED Emergency button will continue to flash as long as the monitoring station is connected.

Pressing the GREEN Power/Reset button will disconnect or the operator may disconnect remotely.

Be certain to notify the monitoring station when you are done testing.

Important Information

INACTIVITY MONITOR - If you are going on vacation or if you are leaving for a while. The AE107 has inactivity timer capability. If this feature is turned on for your system the system inactivity timer must be reset either with a corresponding motion detector or manually by resetting the console.

If the system is not reset within the programmed time period the system will call the monitoring service and report the lack of activity.

The inactivity timer can be disabled while you are away so it does not report inactivity to the monitoring station. To do this press and hold the GREEN Power/Reset button for about 5 seconds until the buzzer sounds the second time. This will place the system in the Range Test mode. The system will time out of the range test mode after a few minutes and the inactivity timer will be disabled until you return.

During this period the console will "Chirp" occasionally to remind you to reset the system when you return.

USING THE TRANSMITTER IN THE BATH OR SHOWER. If you use the transmitter while in the bath or shower or in situations where it may get wet the transmitter must be **TESTED EVERY DAY**. Activate the system using the transmitter to verify the transmitter is working. You may immediately reset the system to stop the call to the monitoring service.

CONSOLE BATTERY LIFE: The AE107 Console unit has internal rechargeable batteries which will operate the system for from 12 to 24 hours in case of AC power failure. Before the battery is completely discharged the system will call the monitoring station and report a low system battery condition. The system will then shutdown. It will restart automatically when the AC Power is restored. When the system is first powered up there is a 1 hour charging delay before the battery is tested. The battery will be fully charged after 24 hours.

TRANSMITTER BATTERY LIFE: The pendant and wrist style transmitters supplied with the AE107 system are powered by long life lithium batteries. The transmitter is capable of 50,000 activations. Storage life is in excess of 10 years. There is no power used from the transmitter batteries unless the transmitter is activated. When activated the transmitter conducts a automatic battery level check. During normal operation when the console is activated by the transmitter if the transmitter battery is low the problem will be reported to the monitoring station.

IF YOU MOVE. You can move the system with you. Call your Service Provider and Monitoring Service and let them know that you are moving. Turn off the system when moving from one location to another

TO TURN OFF THE SYSTEM. Call the monitoring service before turning off the system and advise the service that you are going to turn the system off.

Unplug the power adapter from the wall outlet. The system will now be operating on internal standby battery power. Press and hold the GREEN Power/Reset button until the buzzer sounds the second time. Continue holding the button for few seconds more and then release. The system will be OFF. Verify this by pressing the Power/Reset button again. There should be no response.

TO RESTART. Plug in the power adapter. The internal battery will automatically reconnect. Check the phone cord connections and run a complete transmitter test.

Resolving Problems

Transmitter does not activate system. If the transmitter does not activate the console it may be because the transmitter key code is not loaded into the console memory.

To load a new transmitter into the system memory press and hold the GREEN Power/Reset button for more than 5 seconds until the buzzer sounds a second time and then release the button. This sets the system into the Range Test mode. Then press and hold the RED Emergency button and activate the Pendant transmitter at the same time. The console buzzer will sound as soon as you press the transmitter. Release the RED Emergency button. The transmitter key code is now loaded into the console memory.

Conduct a range test. The system buzzer will sound each time a signal is received from the transmitter. When testing is complete press the GREEN Power/Reset button to reset the system.

Transmitter does not activate the console from every room. The transmitter is a radio frequency device. Radio signals can be reflected and absorbed by different materials and objects and some equipment may generate radio interference which will impair operation. Try moving the console to a different location.

Transmitter only works within a few feet of the console. Call your Service Provider. There is a high level of radio interference or the transmitter and/or console receiver are not working properly.

When system is activated it alarms repeatedly about every minute and does not connect to the monitoring station. The system is not making connection with the monitoring station. The system will hang-up and try again a total of 8 times. Each time the console buzzer will sound for 6 seconds at the start of the new call. If the system does not connect to the monitoring station after 8 attempts the buzzer will sound alternately on and off for about 15 seconds and then the system will reset. It may be reactivated again using the transmitter or RED Emergency button.

Check your telephone cable and connections and check your telephone line. If the problem cannot be resolved contact your Service Provider.

System "Chirps" frequently. When the system times out of the range test mode the inactivity timer is disabled until activated by a motion detector or the GREEN Power/Reset button is pressed. The system sounds a reminder during this period. Press the GREEN Power/Reset Button to reset the system and restart the

The Buzzer sounds loudly every few seconds. When the system inactivity timer is operational the console buzzer will sound every few seconds during the final time out period as a reminder to reset the system. If the system inactivity timer is not activated or the system reset the system will call the monitoring center and report the lack of activity. Press the GREEN Power/Reset button to clear and restart the inactivity timer.

The RED Emergency button flashes sometimes and there is no sound. The system is making a non emergency report to the monitoring center. While the call in report is in process the RED button will flash.

IF PROBLEMS CANNOT BE RESOLVED CALL YOUR SERVICE PROVIDER. DO NOT ATTEMPT REPAIRS OR MODIFICATIONS.

Warning: This system is not a substitute for 911. Use only if you are unable to call for help. Under certain conditions the AE107 system may not be operational as explained below.

The AE107 system is a communication aid. Under the proper operating environment it can be of assistance in an emergency. IT SHOULD NOT BE CONSIDERED AS THE ONLY SOURCE FOR ASSISTANCE IN AN EMERGENCY. It is not a substitute for nursing or child care.

The AE107 System has as a part of the system a radio frequency control device and receiver. By the very nature of radio frequency communications the AE107 may be subject to radio interference from sources such as hand tools, food blenders, Ham radios, and licensed radio equipment such as nearby radio towers. Interference may prevent the console from receiving the signal from the transmitter. Such interference may not be consistent from moment to moment or day to day. One purpose of range testing is to determine if interference is present.

This device complies with Part 15 of FCC rules. Operation of this device is subject to the following conditions: (1) This device may not cause harmful interference. (2) This device must accept any interference which may cause undesirable operation.

The AE107 System is dependent on a properly operating telephone system. The system must have a clear line to make an out going call and connect with the central monitoring station. If the telephone system to which the system is attached is not functional the system will be unable to reach the monitoring station.

In addition if there is other equipment connected to the same telephone system such as computers, fax machines, or similar equipment which are on line at the time the system is activated this equipment can prevent the AE107 from reaching the monitoring station.

Electronic systems such as the AE107 can fail for any number of reasons and the failure may not be immediately obvious.

FREQUENT TESTING IS VERY IMPORTANT TO MAKE SURE THE SYSTEM WILL OPERATE AS EXPECTED WHEN NEEDED

System Features and Options

Standard fixed operation

No transmitter loaded notification. The system checks the system memory for a transmitter key code. If no transmitter is loaded the system will report this to the monitoring center

Programmable Options

Power Failure reporting: When the power has been OFF for 1 to 2 hours the system will contact the monitoring station and report power failure. Once the system has reported the power failure when the power returns and has been on for 1 hour the system will call and report that the power has been restored.

Automatic check In: The system will automatically call the monitoring station at fixed intervals. This automatically verifies to the central station that the console and telephone lines are working. Can be set to a period from 1 to 7 days, or 2 or 4 weeks.

Console/Transmitter Test. When enabled the user can press the GREEN Power/Reset button and within the next 5 seconds activates the transmitter. The system will call the monitoring center and report a test code to verify operation. It is a way to completely test the system without sending an emergency report.

Inactivity Reporting: Time intervals can be set to OFF, 12, 24, 36 or 48 hours. If the console is not reset, activated, or does not receive a signal from an activity detector motion sensor within the programmed period the system will call and report inactivity. The console buzzer will sound a warning sound in advance to remind the user to reset the system

Voice operating modes: The system can be programmed to enable or disable 2 way voice. If voice operation is turned OFF. The system will automatically reset when the digital portion of communication with the monitoring center is complete.

When voice is enabled most systems are programmed to switch to voice in the standby mode where neither party can hear the other and waits for the operator to turn on the voice. Other modes are programmable. Voice can be opened in either the microphone or speaker mode or in microphone only mode for silent operation.

Silent Buzzer. The buzzer can be turned OFF so there is no buzzer during emergency calls. The RED Emergency button will flash.

FCC INFORMATION

1. This equipment complies with Part 68 of the FCC rules and the requirements adapted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If requested, this number must be provided to the telephone company.

2. This equipment connects to the telephone line via an RJ11C telephone jack. A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant.

3/ The Ringer Equivalence Number (or REN). The REN is used to determine the number of devices which may be connected to the telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of the RENs should not exceed five (5.0). For this product the REN is part of the product identifier described in Section 1 above. The digits represented by the ## are the REN without a decimal point.

4. If the Model AE107 causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice is not practical the telephone company will notify you as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

5. The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

6. If trouble is experienced with the Model AE107 contact your service provider shown on the front of this folder. There are no field serviceable parts in the AE107. The unit must be returned to the service provider for repair or service.

7. This equipment must not be used on party lines. Connections to party lines are subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

8. If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of the AE107 does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or service provider.

NOTE: If your home has multiple telephones or other equipment connected to the telephone line it is recommended that RJ31X type jacks be installed for line seizure to assure proper operation. Discuss this with your service provider.