

IMPORTANT PRODUCT WARNING AND LIMITATION INFORMATION FOR AUDIBLE AND VISUAL NOTIFICATION DEVICES

GENERAL INFORMATION



WARNING- Failing to read, understand and follow the information in this document and the associated product installation documentation could result in serious injury and damage of property or severe loss of life and property.

IMPORTANT-

The following information should be read and understood thoroughly **BEFORE INSTALLATION** by the installing party **AND AFTER INSTALLATION** by the using and maintaining parties. The following information should also be kept on file and made available for future reference by subsequent re-installing, using and maintaining parties.

It is the original purchaser's/installer's responsibility to insure the above occurs. Additional copies of the information contained and referred to in this document are available upon request from the original manufacturer as labeled on the product. This document is not intended as a training manual or a substitute for the services of qualified personnel in the system design, application, installation, maintenance and testing of notification devices nor does it cover all possible conditions which might arise in improper use of these devices. Notification devices are designed for use as a component of a complete and properly functioning protective signalling system as defined by (but not limited to) the latest codes of The National Fire Protection Association (NFPA), Underwriter's Laboratories (UL), The National Electrical Code (NEC), The Occupational Safety And Health Administration (OSHA), and The Local Authority Having Jurisdiction (AHJ) (i.e.. Local, County, state and Federal agencies and/or Building/Fire Protection Codes, guidelines and laws.) The above listed should also be consulted in matters of system design, installation, operation, maintenance and testing. As a component, the notification device(s) must rely on the rest of the system for both primary and backup operating power as well as activation and supervision . Because of this it is **IMPERATIVE** that these Notification Devices be electronically compatible with, and installed in accordance with, other system components and their associated installation requirements. Reference should be made to documentation supplied with other system components to insure compatibility and proper installation. The entire system as a whole should be tested regularly by qualified personnel to insure proper operation of all system components including the notification device(s). Overall system design, compatibility, application, installation, maintenance and testing operations should be performed and/or overseen by competent qualified personnel and approved by the Local Authority Having Jurisdiction.

In general, Notification Devices are to be used to warn (or alarm/alert) local personnel of a serious situation. When the device(s) activate it requires immediate attention to the situation indicated and action according to a predetermined plan. Plans which do not include components of both evacuation and notification of the appropriate local authorities are not recommended. Plans which do not call for immediate attention to the condition indicated should not be considered.

GENERAL APPLICATION INFORMATION

IMPORTANT-

Proper notification device location and coverage (i.e., number of devices used and, type of sound output, quantity of sound and/or light output, etc.) must be engineered into the design of the overall system. To do this successfully requires proper product, code and guideline knowledge along with extraordinary care and good judgment. In all cases it is strongly recommended that the services of a qualified professional be obtained and that the final results be approved by the Local Authority Having Jurisdiction.

Adverse environmental or hazardous area location of notification devices **NOT** specifically designed for these applications can cause malfunction of the device and the associated signaling system. Reference should be made to the manufacturers specific product installation data to determine proper device usage. Even though a device may be approved or listed for application in a specialized environment or location (i.e., explosion-proof, outdoors, etc.) special care and good judgement should be exercised both in installation and maintenance of these devices. Often times the useful service life of a product will be shortened when it is subjected to severe or adverse conditions.

Coverage or the ability of the notification device to alert local personnel may be affected by various conditions, including but not limited to, ambient noise and light levels, other signaling devices operating concurrently, physical constraints (i.e., relationship of device to occupant in distance; building construction such as: floor, wall and ceiling treatments/doors, walls, insulation; environmental furnishings such as: furniture, drapes, appliances, etc.) and the general physical condition of the occupants (i.e., sight and/or hearing impaired, under the influence of drugs or alcohol, wakened or sleeping, etc.). **VISUAL DEVICES MAY NOT BE SEEN AND AUDIBLE DEVICES MAY NOT BE HEARD IN EVERY CIRCUMSTANCE!**

**WARNING-**

If you are installing these products you must install them in accordance with all instructions supplied with these products as well as instructions supplied with other associated products connected to them. Remember, property and lives are at risk and rely on your knowledge of current fire protection codes and laws as well as your sound judgement and skill in compatibility, application, installation, testing and maintenance of these products.

**WARNING-**

Some products may have construction such that multiple parts must be assembled (i.e., bell gongs, enclosure doors and backboxes, device connections to a wall or ceiling mounted box, etc.). When installing these products be certain these connections are secure. It will also be prudent to periodically recheck and tighten these connections as part of a regular testing and maintenance program. Failure to do this can cause severe property damage, bodily injury and possibly death.

**WARNING-**

Remove all electrical power before installing or performing mechanical maintenance on these products. There are no user serviceable parts inside these products. Electrical shock can cause serious injury or death.

**WARNING-**

These products can contain circuitry which can hold high electrical currents even though primary power has been removed. This current can be discharged accidentally if you come into contact with this circuitry. Service should be performed on electrical connections and circuitry only after the product has been properly discharged for a period of time not less than one hour by a knowledgeable electronics technician. Electrical shock can cause serious injury or death.

**WARNING-**

These products are designed as a component of a properly functioning fire protection signaling system. As such, all appliances used in this system must be judged and listed electronically compatible and properly installed according to all installation documentation supplied with all components of the system as supplied by the respective manufacturers. Extreme care must be taken to insure the above because once connected all components rely on each other for proper operation (i.e., smoke detectors trip the control panel which in turn trips the notification devices etc.). Failure to follow the above will lead to extreme property loss, injury and death.

**WARNING-**

Do not paint over or re-paint these products as it will lead to improper operation along with identification and future maintenance problems.

**WARNING-**

Electrical compatibility of these products depends on proper inter-wiring for both supervision and operation. Proper operation of these products also depends on system supplied voltage and current (i.e., Filtered voltage vs. Unfiltered Full Wave voltage; DC current vs. AC current; supply voltage and current capacities with respect to Device loading, connecting wire size, distance, capacity, type and ampacity; etc.)

All manufacturer's supplied product information must be consulted and followed for recommendations to insure proper system component operations.

**WARNING-**

During construction and throughout the service life of these products environmental dust, dirt, moisture, extreme humidity, harsh chemicals and extreme temperatures can effect the serviceability of these products. Care should be taken to avoid these conditions. Care should also be taken that the product is not damaged during installation and testing. If a product is subjected to the above conditions or appears damaged it should be immediately replaced. An active preventative maintenance, inspection and testing program will aid in identifying the above.

**WARNING-**

The quantity and size of wiring used within the system also determines the volume of conductors allowed in electrical boxes per the National Electrical Code (NEC). Boxes should be chosen for the proper device connection physically as well as electrically. Be sure all clearances are maintained so as not to effect the product's operation.

**WARNING-**

Qualified personnel should be retained for initial as well as subsequent system testing and maintenance operations. The end user/owner may not have the appropriate knowledge and experience to properly perform these functions. There is no substitution for a regular and thorough testing and maintenance program. To insure they are functional when needed they must be tested for serviceability regularly within a schedule plan which insures all devices will be checked and replaced as needed. A log should be kept to document this testing and maintenance.

**WARNING-**

Some visual devices will have sufficient output to cause seizures under certain conditions in people who are positive to visual photic response, such as Epileptics. Direct prolonged viewing of high output visual devices should be avoided. Placarding should be considered and may be required by the Local Authorities Having Jurisdiction.

**WARNING-**

Some audible devices are capable of sound pressure levels which will cause temporary and/or permanent hearing loss and damage. Close range and prolonged listening exposure to high output audible devices should be avoided. Placarding should be considered and may be required by the Local Authorities Having Jurisdiction.

IMPORTANT-

The manufacturer provides a limited equipment warranty on these products to the original purchaser. This warranty is in no way transferrable. The end user may be provided with a separate non-contingent warranty from the original purchaser. In no circumstance will the manufacturer be held liable in matters of damage due to either failure to comply with published product instructions or in the design, specification, application, installation, testing or maintenance of the products supplied. All information provided is subject to change without notice. If specific questions arise please contact the manufacturer.

IMPORTANT-

This document should be given to the End User/ Owner and kept on file by them for future reference.