



ROOM VALET

Visual Alerting System

- Hotels
- Motels
- Inns
- Boarding Houses
- Resorts
- Dormitories
- Senior Citizens Residences
- Apartments



ROOM VALET

Visual Alerting System

The first fully integrated alerting system designed specifically to meet the rigors of commercial installations providing features not found on any other product. Meets and exceeds current A.D.A. requirements for Visual Alarms and Notification Devices for Hotels, Motels, Inns, Boarding Houses, Dormitories, Resorts, Homeless Shelters, Halfway Houses, Group Homes, Assisted and Independent Living Centers, Retirement Homes, and any other similar living facility or transient lodging.

Can be used to alert persons in private residences, condominiums, apartments, or any place where hearing normal audible notification signals such as the Phone, Door Bell, Alarm Clock, Smoke Alarm, Central Alarm Systems, CO Detectors, etc. is difficult.

Designed to be reliable, accurate and functional even under adverse conditions. Its built-in battery back-up system allows continuous operation for several hours in case of a power outage.

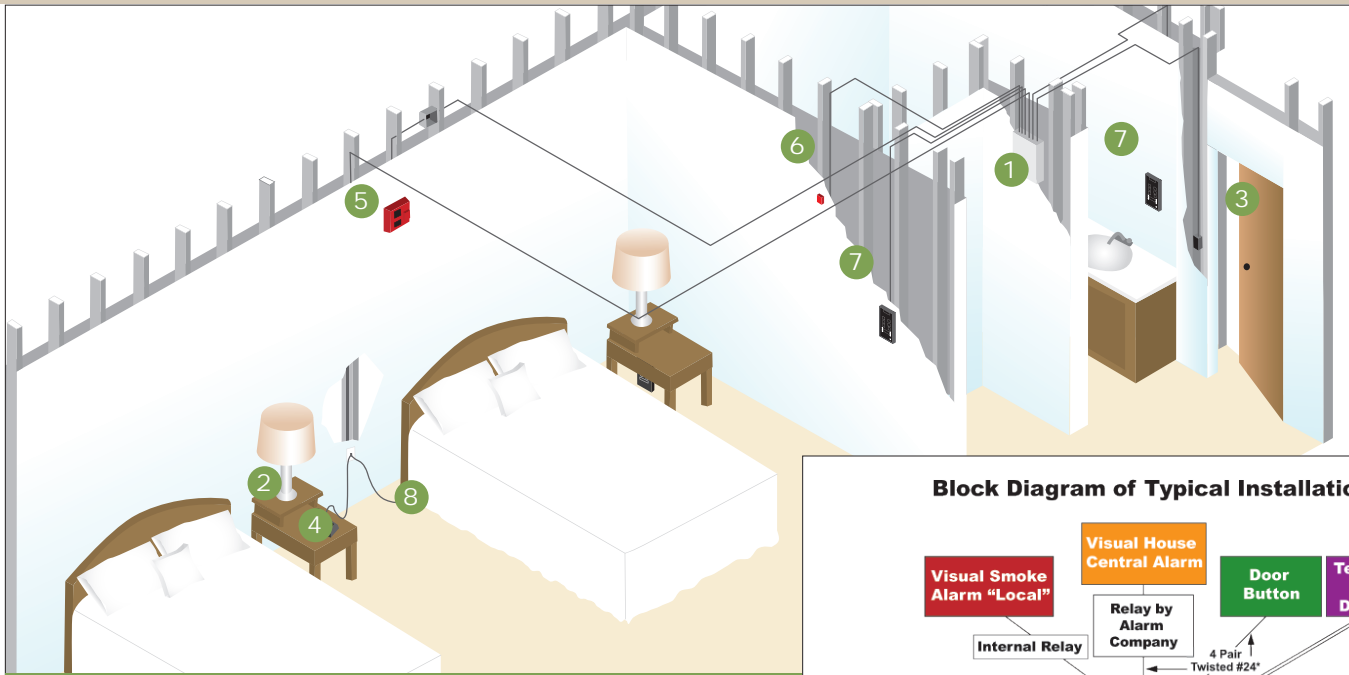
Self monitors its circuits, components and wiring notifying if a failure is detected.

Would be the primary notification system for non emergency alerts such as the door, phone and wake up, and secondary notification for life safety devices such as visual smoke alarms, visual central alarm devices and CO detectors, providing additional visual and tactile backup.

Room Valet was created from years of insight into the human need combined with the realization that the only available solutions were products which fell dependably and logistically short of fulfilling A.D.A. requirements, not to mention the performance demands of the commercial/industrial market.

THE ROOM VALET IS THE IDEAL A.D.A. SOLUTION BECAUSE:

- One system handles all alerting functions: Providing the Primary Alert for wake up, telephone, and door and secondary alerting for visual smoke detectors and visual central alarm signalers.
- Direct connection by hardwire to signal source reduces false alarms.
- A built-in battery provides emergency back-up for all functions.
- It augments visual life safety devices with additional visual elements, as well as adding tactile (bed shaking) stimulus. Both functions are supported by the power back-up system.
- Its one touch activation enables or disables the system if a room's occupant desires not to use the system.
- The visual display panel attaches securely to the wall and unobtrusively blends with all decors.
- The self monitoring, diagnostic system detects and notifies immediately if a malfunction should occur.
- The systems design allows easy on-site diagnosis and repair by a facility maintenance department utilizing the recommended maintenance kit which contains not only diagnosis instructions but one each of all critical components for immediate in field replacement, minimizing down time.



SYSTEM COMPONENTS

1 Central Panel

The Central Panel contains the main processor of the system, the back up power supply, and the wiring hub for all the input signals as well as the output commands to the display(s) and bed shaker(s). The housing can be either surface mounted or mounted in the wall with a flush self-trimming access panel. It should be installed in as central a location as possible within the room, suite, or area being serviced and should allow reasonable installer and maintenance access. The more centrally located the panel, the shorter the input and output runs.

INPUTS

The inputs to the system are direct hardwire runs from the various signaling sources. The wiring should be run per local code and in commercial installations it is recommended to use some type of conduit which will allow easier expansion or maintenance of the system.

2 Wake Up

For wake up, the system has a built-in alarm clock which can be set from any display panel connected to the same Room Valet central panel.

3 Door Alert

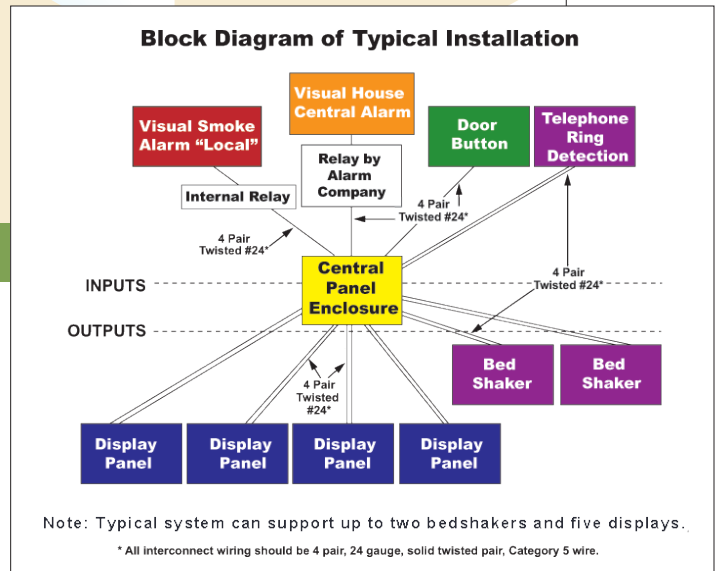
The door alert uses a single pole round standard doorbell push button mounted in a standard ivory single gang plate and connected to the central control panel. Note: Illuminated door bell buttons will not work with the Room Valet System and will cause the system to not function properly.

4 Telephone Alert

The connection to the telephone system would require a wire run from a phone line servicing the area. This can be a parallel line run from any phone opening to the central panel.

5 Smoke Detector (In Room)

The system is designed to provide auxiliary alerting capabilities for approved visual smoke detectors that meet the A.D.A. guidelines, such as the Gentex 7109 series. These detectors have a built-in, form "C", dry contact relay to which the Room Valet switch leg shall be connected. If the room configuration is such that more than one local detector is required, several of these style smoke detectors can be connected in tandem.



6 Central Alarm

The system is designed to provide auxiliary alerting capabilities for the central alarm system. However the central alarm system must have visual alerting devices within the area being serviced by the Room Valet system. The connection to the central alarm system shall be through the use of an isolated form "C" dry contact relay module, such as ESL 405 series, installed by the central alarm company. A wire must be run from the junction box that houses the relay module to the Room Valet central panel.

OUTPUTS

7 Display Panels

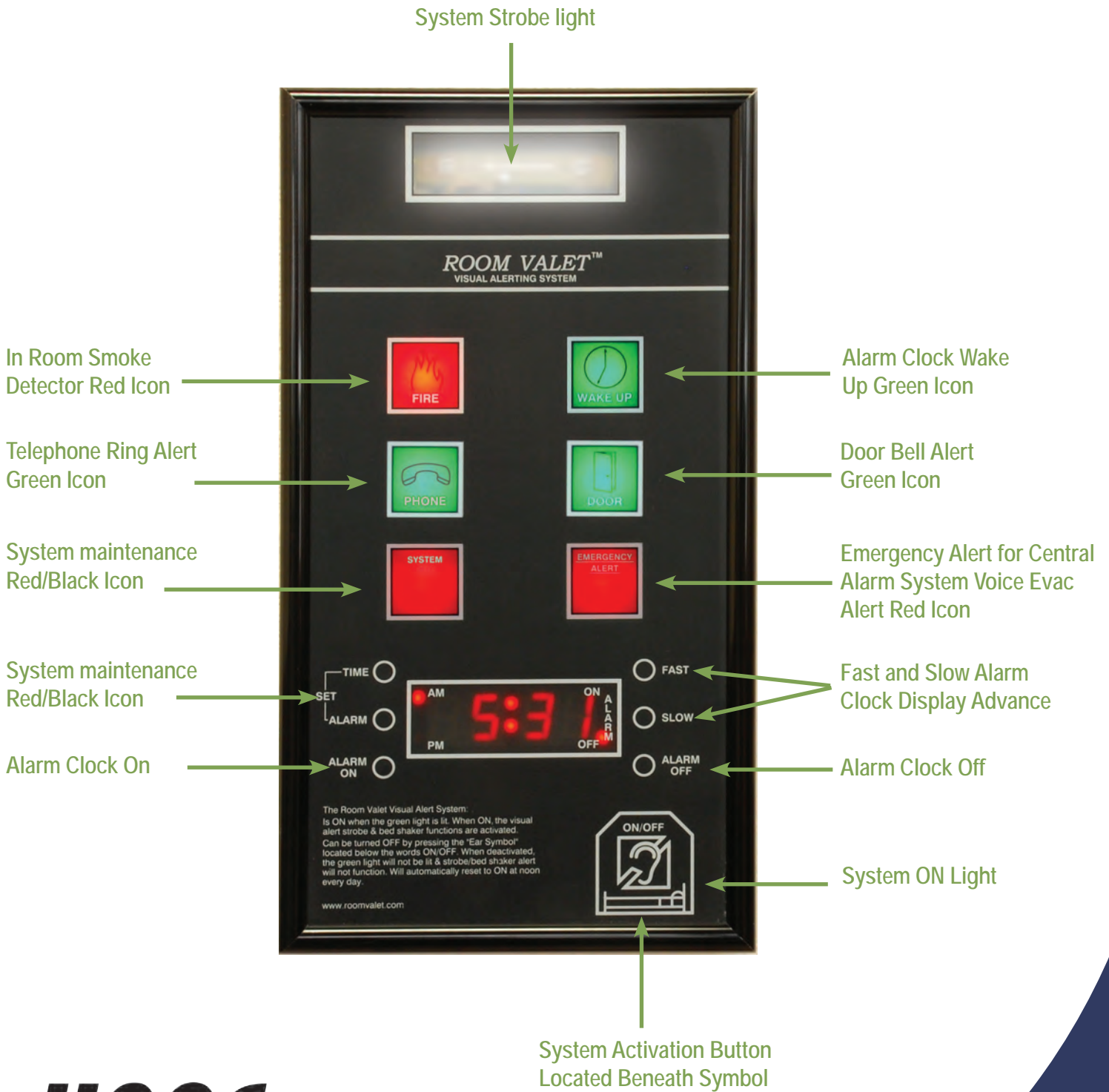
The display panels are connected to the Room Valet central panel. The display(s) shall be located on the wall of room(s) being serviced in a position that will maximize its visibility. A display panel must be located in all living areas and bathrooms, powder rooms etc. The mounting plate is designed to attach directly to a standard electrical junction box. The system user control is placed within the reach height of a person using a wheelchair. Mounting at that level will maximize the visibility of the system. Wire shall be run from each display junction box to the central panel. Each display shall require a separate home run.

8 Bed Shaker

The location of the bed shaker shall be next to or between the bed(s). It is recommended to utilize the phone system's opening. If the phone configuration is such that there is not a phone opening in the desired location, a separate single gang box shall be installed. The wire run for the bed shaker shall connect from the junction box bedside to the Room Valet central panel.

The Room Valet System is hardwired, fully supervised, microprocessor based, with a back up power supply to insure operating reliability at all times.

DISPLAY PANEL



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SPECIFICATIONS

General

The room (unit, suite, etc.) shall have an integrated, self-monitoring visual alerting system that complies with sections 9.0 to 9.5.3 and 4.28, 4.28.3 and a.4.28.4 of the AMERICANS WITH DISABILITIES ACT GUIDELINES FOR BUILDING AND FACILITIES (ADAAG), appendix to the US Department of Justice Regulations, Vol. 56, No. 144.

The system shall be a Room Valet Visual Alerting System, with a sufficient number of display panels that will allow the occupants of the room(s) to always be in visual contact with a display panel. One display panel shall be located in every room in the general living area and in each bathroom, powder room or rest room.

The Room Valet shall be connected to the central fire alarm system via an approved isolated relay with form "C" contacts such as the ESL-405 series or equivalent. This relay shall be provided and installed by the central alarm installer. The central alarm system shall also provide visual alerts maintained, controlled and powered from it. These visual alerts shall be located throughout the room in sufficient numbers and location to meet all codes and regulations.

The Room Valet shall connect to the in-room visual smoke/fire detector(s) The detector(s) shall be a Gentex 7109 series or equivalent and shall have a built-in Form "C" relay to which the Room Valet shall be connected. If the room configuration is such that more than one detector is required to meet all codes and regulations, then these devices shall be run in tandem for simultaneous activation. The connection to the Room Valet shall be from the closest detector to the central panel.

The Room Valet shall be connected to the phone service or system that specifically services the room. The interconnection shall be to the tip and ring wires. Should the phone system be of a design which is not compatible with the ring detect circuit of the Room Valet, then the supplier or installer of the telephone system shall provide either a dry contact closure or a proper interface to allow connection from phone system to the Room Valet's ring detect circuit.

The Room Valet shall be connected to a push button located at the outside of the entry door(s) servicing the room. The button shall be mounted on a single gang electrical plate which in turn shall mount to a single gang electrical box. The recommended location of the door button shall be at the latch side of the door at a height to comply with all codes.

Wiring

All interconnect wiring, to and from all signal sources, display panels and/or bed shaker locations, shall be 24 gauge, 4 pair solid twisted, category 5 or similar type wire. The wiring, conduit and boxes shall be provided and installed by the contractor and shall be run in accordance with local code. It is recommended that all runs be pulled through a conduit system.

Display Panels

All display panels shall be mounted on a wall and to a junction box to which its interconnect wire has been pulled. In the general living area, that box should not be mounted higher than 56.5" to its center, with a clear wall surface of 4" left and right and 8" below and above its center. In secondary living areas, such as the rest room, the junction box servicing that display panel shall be located so the panel will be clearly visible and the clear wall area of 4" left and right and 8" below and above center is maintained.

The Room Valet is designed for easy installation and is rugged enough to take daily abuses associated with the commercial hospitality environment.

Bed Shaker

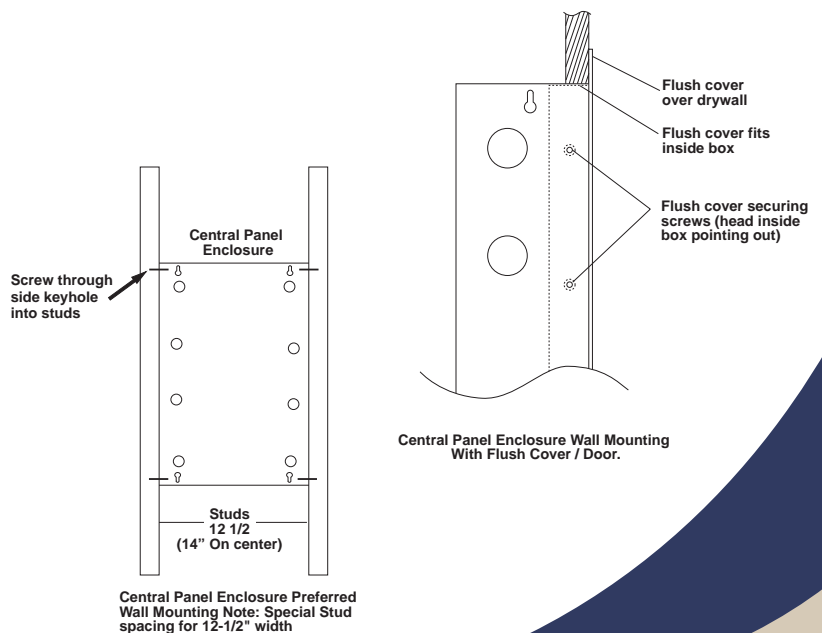
The termination of the output to the bed shaker(s) shall be a single gang electrical box located between, behind or adjacent to the beds in the room. The bed shaker output may share a phone system device opening if the configuration of the room allows. The bed shaker device output plate is available with a single bed shaker jack, double bed shaker jack, single bed shaker with RJ11 jack, or double bed shaker with RJ11 jack (specify plate configuration).

Central Panel

The area chosen for the central panel should be centered in the area to be serviced by the Room Valet system. It shall be in a discrete location such as a closet, under a vanity, etc. However it shall be easily accessible for the installer and maintenance personnel.

Flush Style Enclosure

The flush style enclosure shall consist of two major components; one being an enclosure box, and the second an access panel/door and trim assembly. The enclosure box shall be located in the wall and be securely fastened to the framing. It shall be mounted approximately 60" to center from the floor and positioned so its leading edges will be flush with the finish wall surface. The approximate dimension of this box shall be 12.35" wide, 16.35" high, and 4" deep. All conduit containing switch legs and/or display wiring must be connected directly to the enclosure utilizing the knock outs provided; these runs shall hit the enclosure from the top or side. A four square "J" box shall be mounted inside the enclosure at its lower right hand corner to which a 110 VAC circuit shall be run to provide power for the Room Valet system. After the wall covering has been installed, the access panel/door and trim assembly shall be attached to the enclosure box. The approximate outside finished dimension will be 13.6" wide, 17.6" high and shall be self-trimming. The finish of this access panel/door shall be primer paint and be equipped with a cylinder cam lock.



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Distributed by:

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