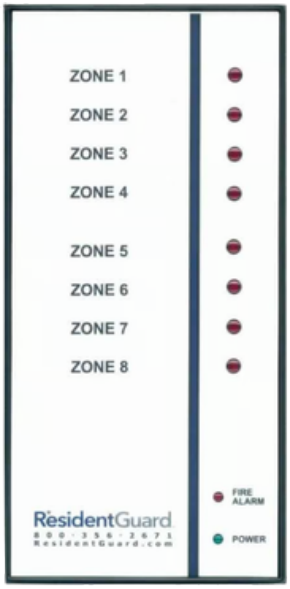
ACCUTECH 700096

LC Staff Alert Panel | Centralized Wander Management Infrastructure Hub



PRODUCT OVERVIEW

The Accutech 700096 LC Staff Alert Panel serves as a core hardware intelligence component within advanced wandering management and resident safety infrastructures. It is engineered to bridge the gap between physical perimeter sensors deployed at facility exits and localized control monitoring stations. By aggregating and processing signals from local zones, it eliminates the operational complexity of managing individual entry points. This centralized topology ensures that large-scale senior care, nursing home, memory care, and hospital facilities maintain instantaneous, real-time situational awareness.

Deployed at central nursing stations, secondary floor desks, or critical corridor junctions, the 700096 panel channels incoming notification telemetry into clear audio-visual indices. This proactive routing method eliminates communication bottlenecks and guarantees that complex localized data—such as patient elopement alerts, perimeter sensor breaches, or system tampering events—is instantly translated into visible alerts. This active data processing ensures absolute protection across expansive hospital wings, long care facility corridors, and high-risk infant protection perimeters.

ARCHITECTS AND ENGINEERS (A&E) SPECIFICATION

- **System Infrastructure:** The contractor shall supply, install, and configure the Accutech 700096 LC Staff Alert Panel to act as a localized monitoring console and secondary alarm annunciation node. The hardware must support immediate physical and acoustic visualization of active alarm status data generated by remote perimeter zone controllers.
- **Notification Interface:** The remote alert panel must incorporate a high-visibility, segmented visual matrix paired with an adjustable multi-tone acoustic alert mechanism to actively communicate distinct alarm states, including unauthorized patient egress, supervisor faults, and peripheral device tamper triggers.
- **Control and Acknowledgment:** The device front interface shall feature dedicated physical tactile control switches to allow authorized clinical staff to execute local alarm muting and telemetry verification cycles without forcing immediate transit to the localized exit doorway.

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• **Enclosure and Structural Integration:** The electronics assembly shall be protected inside a heavy-duty, commercial-grade rigid housing optimized for flush-mount or surface-mount terminal configurations within standard electrical backboxes or console furniture.
• **System Interoperability:** The panel architecture must feature validated native compatibility for direct low-voltage data connection with Accutech environmental safety platforms, ensuring non-latent signaling across the facility's dedicated security network.

SYSTEM COMPONENTS

The 700096 LC Staff Alert Panel incorporates several fundamental integrated sub-modules and physical connection layouts:

• **Main Visual Display Board:** An integrated multi-LED or multi-segment display PCB managing localized visual illumination paths for active zone alerts.
• **Acoustic Piezo Sounder Module:** High-output local alarm horn assembly featuring configurable volume control settings for various day/night clinical shifts.
• **Tactile Control Key Interface:** Front-facing membrane or mechanical switch assembly dedicated to alarm silence, system test, and status reset workflows.
• **Low-Voltage Terminal Backplane:** Multi-position wire terminal block array designed for clean, reliable power and communication line termination.
• **Flush/Surface Mount Chassis:** Rigid commercial-grade composite or metal junction enclosure providing physical structural protection and integrated grounding paths.

FEATURES AND BENEFITS

• **Centralized Station Awareness:** Consolidates remote zone alarm telemetry down to a single monitoring focal point, greatly simplifying hardware footprints and reducing response times for clinical teams.
• **Real-Time Guard Verification:** Supplies continuous telemetry and alarm reporting data from across the property, letting staff intercept unauthorized zone entries immediately.
• **Adaptive Multi-Sensory Alerting:** Combines high-output acoustic signals with immediate visual indicators to ensure alarms are verified even in high-noise or hectic emergency room environments.
• **Frictionless Localized Resetting:** Features front-panel control inputs that allow authorized attendants to silence nuisance alerts or verify system health instantly without leaving their desks.
• **Validated Platform Interoperability:** Engineered for total compatibility out-of-the-box with established Accutech LC 1200 security environments, ensuring a unified approach to facility patient protection.

PRODUCT SPECIFICATION

Manufacturer	Accutech Healthcare Security Solutions
Product Model Name	LC Staff Alert Panel (Remote Annunciator)
Part Number / SKU	700096
Operating Input Voltage	12V DC / 24V DC Managed Low-Voltage Input Paths
Acoustic Output Rating	Variable Piezo Alert Horn up to 85dB at 10 Feet
Communication Interface	Hardwired Low-Voltage Multi-Conductor Bus Terminals

Mounting Form Configuration	Flush-Mount Multi-Gang Electrical Box / Optional Surface Bracket
Wander System Compatibility	Accutech ResidentGuard LC 1200 Access and Security Environments
Chassis Construction	Industrial Commercial-Grade Housing Assembly
Primary Target Environments	Hospitals, Long-Term Care, Assisted Living, Memory Care

COMPLIANCE AND CERTIFICATION

• **FCC Status:** Designed and certified to meet FCC Part 15 regulations regarding digital device shielding. This guarantees that multi-zone radio frequency switching and internal logic paths do not cause or sustain harmful electromagnetic interference with nearby diagnostic medical devices or critical patient networks.
• **UL Listing:** Engineered and assembled using components compliant with UL safety classifications for low-voltage signal appliances, auxiliary remote annunciators, and healthcare facility alert instrumentation.
• **RoHS Compliance:** Formulated in alignment with environmental protection directives, ensuring that the assembly, internal solder joints, and electronic trace configurations restrict the use of lead, mercury, and other hazardous materials.