Product Specification Sheet
715-HD
Desk Mount Heavy-Duty Pager Annunciator



715-HD
Desk Mount Heavy-Duty Pager Annunciator

The 715-HD is an industrial-grade, desk-mounted pager annunciator station engineered specifically for continuous, localized monitoring environments. Functioning as a specialized terminal within the wireless nurse call architecture, it acts as a fixed-location alpha-numeric receiver that aggregates incoming wireless alarms, room calls, and emergency alerts.

Housed in a ruggedized, heavy-duty angled enclosure, the 715-HD displays critical text information dynamically (such as room number, call priority, and active timestamps). It eliminates the vulnerability of mobile pagers being dropped, lost, or uncharged at busy duty desks, providing a dedicated, stationary baseline for central care staff response.

Specifications

- Mounting Layout: Non-slip Desktop / Countertop Wedge Format
- Display Characteristics: Backlit Multi-Line Alpha-Numeric Text Readout
- Frequency Bands: Supervised UHF Paging (POCSAG) or 900 MHz ISM matching system backbone
- Audio Alarm Output: Variable Frequency Internal Piezo Electronic Buzzer
- Power Requirements: 120V AC Input via a Class 2 regulated low-voltage transformer
- Housing Construction: Reinforced Heavy-Duty ABS Polycarbonate or Metal hybrid casing
- Chassis Finish: Clinical Off-White / Industrial Black Accent Trim
- Operating Conditions: 32°F to 130°F (0°C to 54°C), 10% to 90% RH non-condensing

Equipment Options

The 715-HD sits within a suite of stationary and desktop notification modules:

- 715-HD (Base Model): Heavy-Duty, high-visibility desktop enclosure with internal alpha-numeric receiver module.
- 715-DT: Standard-duty desktop variant suited for lower-traffic administrative settings or secondary nurse stations.
- 715-BG / 715-SL Accessories: Integrated holsters, protective shields, and localized anti-microbial docking covers designed for high-sanitation clinical clean rooms.
- SPS5 Transmitter Pairing: Optional 5-Watt long-range pocket pager transmitter integration to re-broadcast alerts from the desk annunciator directly to mobile staff.

Architects' and Engineers' Specifications

1. General System Requirements
The contractor shall furnish and install the 715-HD Desk Mount Pager Annunciator (or approved equal) at the central nurse stations and duty desks as indicated on the project layouts. The unit must serve as a stationary alpha-numeric emergency receiver capable of decoding and displaying localized text strings forwarded via the facility's wireless nurse call infrastructure.

2. Physical and Structural Design

- Enclosure Composition: The console must feature an industrial, heavy-duty angled desktop wedge chassis designed to limit sliding and resist physical impacts.
- Display Interface: The visual panel shall consist of a high-contrast liquid crystal display (LCD) or light-emitting diode (LED) array equipped with an automatic or continuous backlight setting.
- Acoustic Signal: An internal audio sounder must be integrated into the chassis, capable of delivering a minimum sound pressure output of 75 dBA at a distance of 3 feet, with distinct pulse modulations mappable to alarm priorities.
-

3. Electrical and Radio Frequency (RF) Operations
The desk annunciator must include internal filtering to process RF signaling natively without internal frequency drift. It must feature a dedicated power supply converting standard 120VAC building power to low-voltage internal DC operating thresholds. The module must feature dedicated internal terminal points or a modular jack for coupling with secondary external emergency relay hardware.

BEC Integrated Solutions
Toll-Free: 888.556.3998
Phone: 716.689.0871
Address: 5225 SHERIDAN DR STE 110,
GEORGETOWN SQUARE, WILLIAMSVILLE NY 14221-4952
E-mail: support@becsolutionsllc.com

Product Specification Sheet

715-HD

Desk Mount Heavy-Duty Pager Annunciator

Features

- **Heavy-Duty High-Impact Enclosure:** Built to withstand constant physical abuse, accidental liquid spills, and aggressive commercial chemical wipes common at busy nurse stations.
- **High-Contrast Alpha-Numeric Backlit Display:** Features large, crisp characters that allow immediate scannability from several feet away across a crowded desk.
- **Piezo-Electric Audio Sounder:** Equipped with a built-in high-output acoustic alarm that emits varying tone cadences synchronized with incoming alarm priority codes (e.g., Code Blue vs. Routine Bed Call).
- **Uninterrupted Passive Telemetry:** Configured to monitor continuous 900 MHz spread-spectrum transmissions or locally integrated POCSAG paging codes seamlessly.
- **Simple Multi-Button Command Interface:** Includes manual front-facing keys to easily freeze, scroll back, acknowledge, or clear active calls from the display screen.
- **Local Event Logging Storage:** Retains a chronological buffer of the most recent active calls directly on the terminal, providing a local fail-safe auditing tool even if data drops to the main network server.
- **High-Gain Flexible Antenna Interface:** Features an isolated, rear-mounted BNC or SMA threaded terminal to easily accommodate an external high-gain antenna extension if deployed in deep concrete basements or shielded radiologic wards.
- **Adjustable Angle Chassis:** The structural wedge shape optimizes high-contrast readability under variable fluorescent hospital lighting setups.

Compliance and Certification

The 715-HD is compliant with standard North American emergency signaling regulations when deployed within an approved wireless emergency system network:

- **FCC Part 15 Status:** Fully certified as a Class B digital receiver device, utilizing strict boundary filtering to protect against localized electromagnetic interference from cell phones, telemetry arrays, or hospital diagnostic equipment.
- **UL Approval Context:** Evaluated and compliant under auxiliary component guidelines for institutional signaling equipment when paired with a primary UL1069 or UL2560 listed emergency call controller panel.
- **RoHS Compliant:** Engineered completely using lead-free solder processes and hazardous-substance-free polymers in compliance with modern medical facility ecological safety guidelines.

BEC Integrated Solutions

Toll-Free: 888.556.3998
Phone: 716.689.0871

Address: 5225 SHERIDAN DR STE 110,
GEORGETOWN SQUARE, WILLIAMSVILLE NY 14221-4952
E-mail: support@becsolutionsllc.com