Product Specification Sheet

WNC-SB-Bottom

Replacement Security Button Bottom for WNC-SB



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The Replacement Security Button Bottom for WNC-SB is a heavy-duty, commercial-grade mechanical housing component designed for the WNC-SB Wireless Security Button Station. It serves as the physical bottom chassis and mounting foundation that encloses internal electronic assemblies, including the WNC-965 Wireless Transmitter and its integrated lithium battery power source.

Engineered specifically for low-profile field service and structural renewal, this replacement piece restores the structural integrity, surface seal, and mounting security of under-counter, desk, or wall-mounted panic hardware without requiring a full system replacement. It provides a seamless snap-fit or screw-down alignment with the upper button assembly, shielding sensitive RF components from impact, dust, and operational stress in high-use environments.

Specifications

- **Component Type:** Mechanical Bottom Housing / Enclosure Base
- **Primary Compatibility:** WNC-SB Wireless Security Button Station
- **Supported Internal Hardware:** WNC-965 Wireless Transmitter Core Assembly
- **Material Composition:** High-density injection-molded ABS plastic
- **Color Profile:** Commercial White / Off-White
- **Mounting Configurations:** Surface mount, under-counter inverted, or wall vertical mount
- **Enclosure Type:** Part of the WNC-BTN-CASE family architecture
- **Connection Method:** Mechanical snap-lock/screw assembly matching standard WNC upper buttons

Equipment Options

While the replacement bottom itself is a distinct mechanical unit, it interfaces directly with specialized system components and installation hardware. Configuration options and modular pairings include:

- **WNC-SB Complete Station Integration:** Direct replacement base for standard surface-mount or under-desk panic stations.
- **WNC-965 Internal Transmitter Alignment:** Form-fitted internal cavities optimized to anchor the reduced-size universal transmitter with multi-ID tracking.
- **AB-OW T-Brackets:** Optional mounting adaptation brackets for specialized table-top or workstation-side deployment.
- **Dedicated WNC-SB** Mounting Bracket Accessories: Heavy-duty slide-in or snap-lock plates designed for high-strength anchor configurations.

Architects' and Engineers' Specifications

1.1 General Mechanical Requirements

- The contractor shall provide a dedicated mechanical enclosure base designed as a direct drop-in structural replacement for the WNC-SB Wireless Security Button Station.
- The replacement chassis bottom must feature exact dimensional compatibility with the existing upper momentary button assembly and must lock securely into place to encapsulate the active wireless transmitter core without introducing mechanical play or slack.
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1.2 Structural and Mounting Requirements

- The enclosure bottom shall be constructed of an impact-resistant, non-conductive injection-molded polymer (ABS) suitable for commercial facilities, medical clinics, and office duress systems.
- The base layout must include discrete, integrated anchor points for flush installation against wood, drywall, or metallic surfaces beneath countertops, administrative desks, or standard walls. Internal configurations must provide strict alignment slots to prevent the shifting or misalignment of the multi-ID WNC-965 transmitter assembly during emergency actuation.

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

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Features

- **High-Impact ABS Construction:** Molded using industrial-grade, rigid thermoplastic to withstand heavy impact, stress fractures, and frequent high-pressure mechanical actuation.
- **Precision Flush Fitting:** Engineered with tight-tolerance structural seams to eliminate dust infiltration and maintain internal physical stability for contact closures.
- **Low-Profile Contour:** Maintains the sleek, discreet geometric profile required for hidden under-desk or counter installations to avoid accidental tripping or notice.
- **Integrated Transmitter Tracks:** Molded internal guide rails secure the internal RF card and battery firmly to prevent loose parts or vibration damage.
- **Flexible Anchor Points:** Built-in surface screw recesses accommodate diverse mounting orientations, including vertical wall mount, inverted counter mount, or desk side-mount.

Compliance and Certification

The mechanical assembly forms the protective barrier required for the integrated device to operate within standard safety and RF regulations. When combined with the appropriate system components, the fully assembled station carries or conforms to the following standards:

- **FCC Part 15 Class B Conformance:** Structural casing provides appropriate dielectric separation to meet unintentional radiation and shielding parameters when housing active 900 MHz RF components.
- **UL 1069 / UL2560 System Environments:** Tailored for integration into broader wireless emergency call networks operating under supervised clinical/assisted living standards.
- **RoHS Compliant:** Fabricated using lead-free, hazardous-substance-free polymers in accordance with European and domestic environmental regulations.
- **100% Supervised System Compatibility:** Structural design ensures unhindered propagation of automated supervision signals and low-battery telemetry sent by internal transmitters to the MV200Plus, MV500, or PC-Based master console systems.

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