Product Specification Sheet

WNC-BTN-CASE

Wireless Empty Alert Button and Transmitter Case



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The Wireless Empty Alert Button and Transmitter Case (SKU: WNC-BTN-CASE) is a premium, high-impact replacement housing designed to protect the internal electronic components of wireless healthcare signaling devices. Manufactured from medical-grade ABS plastic, this empty enclosure allows facilities to refurbish structurally damaged or worn call buttons without incurring the higher cost of replacing entire wireless electronic assemblies. Distributed by BEC Integrated Solutions, the WNC-BTN-CASE provides a clean, professional, and sealed shell that restores the physical integrity, button tactile response, and infection-control compliance of vital mobile alert points.

Specifications

- **Product Name:** Wireless Empty Alert Button and Transmitter Case
- **Condition:** New (Empty Enclosure / No Electronics)
- **Manufacturer:** BEC Wireless Nurse Call
- **Material:** Medical-grade, impact-resistant ABS plastic
- **Compatibility:** WNC-SB Buttons and WNC-965 Transmitters
- **Enclosure Sealing:** Snug, overlapping snap-lock fitment
- **Color Profile:** Neutral clinical finish

Features

• **Cost-Efficient Refurbishment:** Provides an empty structural shell to replace cracked, stained, or mechanically worn outer casings, extending the operational life of existing electronic inventories.

• **Precision Snap-Fit Design:** Features exact interior alignment molds and robust snap-closures to ensure internal PCBs, battery contacts, and buttons remain firmly immobilized and protected against drops.

• **High-Visibility Call Interface:** Incorporates a large, ergonomically optimized button surface area that translates user compression into crisp, tactile actuation of the underlying mechanical switch.

• **Medical-Grade ABS Composition:** Built from a rugged, lightweight polymer that resists physical deformation and cracking in demanding institutional spaces.

Architects' and Engineers' Specifications

1.0 General Housing Description

The component shall consist of an empty, injection-molded structural replacement case, model WNC-BTN-CASE, engineered to house and safeguard wireless emergency alert transmitters. The enclosure must match the exact dimensions required to fit wireless attention button (WNC-SB) and wireless transmitter (WNC-965) printed circuit board assemblies.

2.0 Structural and Mechanical Criteria

• The housing must be fabricated from an impact-resistant, medical-grade thermoplastic shell capable of withstanding routine operational impacts and physical drops.
• The mechanical button interface must feature a non-binding design that precisely channels external manual pressure onto the internal electronic tactile switch.
• The enclosure layout must include integrated mounting tabs or lanyard attachment points to support both fixed-surface and mobile patient wear configurations.

3.0 Sanitation and Upkeep

The outer casing must display zero degradation, fading, or material breakdown when exposed to repeated chemical wipe-downs using standard facility-approved isopropyl alcohol or quaternary ammonium solutions.

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Equipment Options

The WNC-BTN-CASE is engineered specifically to accommodate and restore standard components within the BEC wireless lineup:

- Internal Device Fitment: Built explicitly to house the internal circuit board and components of the WNC-SB Wireless Attention/Call Button.
- Transmitter Compatibility: Fully compatible with the internal hardware configurations of the WNC-965 Wireless Transmitters.
- System Integration: Once populated with functional electronics, the resulting transmitter assembly interfaces directly with MV200Plus, MV500, and PC-Based Wireless Nurse Call Systems.
- Console Interfacing: Fully operational alongside active endpoints tracked by the MV200Z, MV200Plus, MV400Z, and MV500Z centralized wireless console receivers.

More Features

• **Infection Control Compliance:** Features a smooth, non-porous exterior profile with minimal seams, allowing for fast sanitization and deep cleaning using standard medical disinfectant wipes.

• **Moisture and Dust Resistance:** Designed with overlapping seam thresholds to guard the enclosed electronics against accidental liquid splashes and airborne debris typical of high-traffic care environments.

Compliance and Certification

• FCC Status: Inherently compliant as a passive plastic enclosure that contains no electrical circuitry or radio frequency components; it generates zero RF emissions, allowing full compliance with FCC Part 15 limits when populated with certified electronics.
• UL Status: Engineered from self-extinguishing, flame-retardant polymers that align with standard safety and flammability parameters specified for auxiliary healthcare components.
• RoHS Status: Manufactured using 100% lead-free, non-toxic materials, ensuring compliance with RoHS environmental directives for long-term patient and staff contact.

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