Product Specification Sheet
WNC-SB-RB
Replacement Mounting Bracket



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The Replacement Mounting Bracket (SKU: WNC-SB-RB) is a heavy-duty, commercial-grade mounting accessory engineered specifically to secure the WNC-SB Wireless Attention Button (often deployed as a staff emergency button, patient check-in terminal, or assistance point).

Designed to restore structural integrity to damaged or worn wireless installations, the WNC-SB-RB ensures a low-profile, permanent wall mount that prevents intentional or accidental removal of the transmitter. Constructed from high-impact, medical-grade plastics, this bracket allows the wireless transmitter to be cleanly mounted to vertical flat surfaces, standard single-gang electrical backing boxes, or medical headwalls, facilitating rapid restoration of crucial call infrastructure.

Specifications

- **Compatible Transmitter:** WNC-SB Wireless Attention Button
- **Material Composition:** Flame-retardant, high-impact polycarbonate/ABS blend
- **Dimensions: Approx.** 3.5" H x 2.4" W x 0.5" D (Standard single-gang footprint layout)
- **Mounting Compatibility:** Single-gang electrical boxes, drywall surface anchors, metal/wood studs
- **Locking Type:** Mechanical snap-lock with hidden internal release tab
- **Flammability Rating:** UL 94 V-0 (Self-extinguishing mechanical housing criteria)
- **Operating Environment:** Indoor, climate-controlled clinical spaces
- **Weight:** 0.15 lbs (2.4 oz) bracket shell weight

Architects' and Engineers' Specifications

The wireless notification system accessory matrix shall include the Replacement Mounting Bracket for WNC-SB Attention Button (SKU: WNC-SB-RB) or an approved mechanical equivalent. The bracket assembly shall be manufactured from an injection-molded, impact-resistant polycarbonate blend meeting UL 94 V-0 flame-retardant classification criteria.

The mounting flange must feature universal slot alignments matching standard single-gang electrical backbox geometries. The bracket shell must incorporate an internal, non-visible mechanical latching array that safely retains the wireless transmitter module without structural play, requiring a tool-assisted or specialized multi-step physical release sequence to detach the device for servicing.
The material composition shall be chemically stable against standardized institutional cleaning wipes, bleach mixtures, and alcohol disinfection formulas without manifesting signs of stress-cracking or localized structural failure.

Equipment Options

- Tamper-Proof Secure Upgrade Kit (-TSK): Includes a set of specialized security pin-Torx screws to permanently lock the bracket down against high-vandalism environments or high-psychiatric care wings.
- Antimicrobial Polymer Formulation (-AM): Custom-ordered run where the physical bracket structure is molded with antimicrobial silver-ion additives to permanently inhibit pathogen colonization on the mounting flange.
- Adhesive Mounting Matrix (-AMX): Pre-cut, double-sided, industrial VHB (Very High Bond) foam tape pad for rapid, toolless application onto delicate vinyl wall coverings, glass panes, or metal partition frames.

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Features

- **Perfect-Fit Geometry:** Custom-molded specifically for the WNC-SB Attention Button housing, guaranteeing zero mechanical wobble and a flush, seamless aesthetic.
- **Universal Mounting Pattern:** Features integrated knockout screw channels designed to match standard single-gang electrical junction boxes, dual-screw drywall anchors, or wood-stud framing.
- **Tamper-Resistant Locking Mechanism:** Includes a secure, snap-lock physical latch profile that requires a specialized release technique or hidden tab engagement, preventing unauthorized resident or patient removal of the active button.
- **Smooth, Low-Profile Surface:** Engineered with radiused edges and a slim profile to minimize catch points, reducing the risk of tearing medical garments or snagging passing equipment carts.
- **Chemical-Resistant Substrate:** Composed of high-grade polymers that resist degradation, deformation, and structural stress cracking when subjected to harsh institutional sanitizers and isopropyl alcohol-based solutions.
- **Reinforced Stress Ribs:** Internal architecture features molded reinforcement buttresses designed to absorb repeated heavy thumb and palm strikes without flexing, cracking, or pulling away from the wall substrate.
- **Wand/Lanyard Pass-Through Channel:** Incorporates a dedicated physical clearance slot behind the bracket core to allow the cleanly routed passage of tethered lanyards or accessory wands without binding the wireless transmitter housing.
- **Color-Matched Aesthetic:** Precision pigmented to perfectly complement the medical-white chassis of the primary WNC-SB transmitter unit, preserving a uniform, non-institutional facility appearance.

Compliance and Certification

- **FCC Status:** Classified as a passive, non-electrical mechanical enclosure component. It contains no active RF elements or circuitry; therefore, it does not require independent FCC testing and has no impact on the underlying FCC Part 15 compliance of the WNC-SB transmitter module itself.
- **UL Status:** Component-approved to meet structural compliance guidelines under UL 1069 (Hospital Signaling and Nurse Call Equipment) and UL 2560 (Emergency Call Systems for Assisted Living and Independent Living Facilities) when securely mated with the certified WNC-SB transmitter. The base platform carries a certified UL 94 V-0 flame resistance rating.
- **RoHS Status:** 100% compliant with the European Union's Restriction of Hazardous Substances (RoHS) directive. The entire molding process and material stream are completely free of lead, cadmium, polybrominated biphenyls (PBB), and restricted plastic phthalates.

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