

# CONNECTIVITY-FMACB

## Doorless Flush Mount Callbox



This unit was designed to be compact and unobtrusive by sizing it for flush mounting between wall beams. Locating the FMACB throughout a facility can give your organization quick, effortless two-way verbal communication. From needing assistance in an elevator, communicating instructions between personnel, to requesting help in a dressing room, this unit will complement your organization's efficiency efforts. Also ideal as an entry system, two-way communication can be used to summon guards, announce deliveries or request a lock release.

## Features

AC/DC for 12 Amp Battery Source  
40-Day Standby Battery Capacity  
User Courtesy Light  
Automatically Announces Call Box ID  
and Location  
Voice Instruction Message for User  
Two-Way Voice Communication  
Distinctive Low Battery Alert Voice Message  
Seamless Integration into Current Radio System  
Fully Upgradeable if Radio Frequency Changes  
Message Relay or Cueing - No Simultaneous  
Transmission Interference

Microprocessor Controlled  
Total Solid State Circuitry  
Modular Board for One Trip Service Calls  
Silent Tamper Alert Broadcast to Security  
Field Programmable Voice Messages  
Easy, One Button Operation  
Weather-Resistant Aluminum Enclosure  
Expandable for Auxiliary Trip Devices  
ADA Compliant



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## STANDARD FEATURES: FMACB

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**AC/DC Converter** - A plug-n-play AC/DC conversion kit with a NEMA rated enclosure provides for fast, easy and inexpensive installation!

**Sleep Mode** – The large 12 amp hour battery combined with our patented “sleep mode” enables power consumption to be nominal. Only when the callbox is active does it draw upon its battery, allowing a one day charge to provide up to a 40-day battery standby. This insures uninterrupted service if commercial power is lost and preserves the internal electronic components, which extends the life of the callbox.

**Antenna** - A standard antenna is provided based on radio frequency as follows: Quarterwave Unity Gain-UHF/VHF or 3dB Gain 800/900 MHz. Other power/frequency antennas are available and may require an additional charge.

**Single Button Operation** - Your caller and responding personnel won't be confused with multiple buttons.

**Activation Alert** – Pressing the red activation button automatically triggers a loud ringing tone which sounds simultaneously at the callbox and on the monitoring personnel's radios before the callbox ID and location are announced.

**Automatic Callbox ID/Location** - Even if the caller is distressed, upon activation, a digitally stored voice message will automatically transmit over the callbox radio channel to let your responding personnel know the exact location of the callbox.

**Silent Tamper Alert** - If a callbox is tampered with, a digitally stored voice message will automatically *transmit to monitoring personnel only*, stating the system's location and ID, followed by a “tamper alert” announcement.

**Low Battery Alert** – Prior to the battery charge going below an unacceptable level, a digitally stored voice message will transmit over the callbox radio channel to warn of a low battery and the need for replacement. One 12 volt, 12 amp hour power storage cells has an expected life of two years.

**Voice Instruction Message** - Following the callbox ID and location announcement, a digitally stored voice message will automatically broadcast instructions to guide the callbox user to “press to talk and release to listen”.

**Two-Way Voice Communication** - Responding personnel are assisted in determining the nature and urgency of a call through two-way voice communication.

**Field Programmable** - Voice messages can be easily changed for special events in any language.

**Message Cueing** - Protects the call system's alert from interference due to another radio's simultaneous transmission.

**Courtesy Light** - Even in dim light, the automatic courtesy light makes the panel easy to see.

**Aluminum Enclosure** - The callbox's enclosure is made from a durable powder-coated aluminum, resistant against corrosion and rust.

## AVAILABLE OPTIONS:

**Area Monitoring Feature** – Certain restrictions apply.

**Custom Color** – A selection of color choices is available to match any environment.

**Strobe Light w/Enclosure** – A 6-watt (3 joules) strobe light encased in an aluminum housing automatically turns on when the callbox is activated.

**Locator Light w/Enclosure (requires strobe light)** – For dim-lighted areas, a low-power beacon light encased in an aluminum housing will assist users in locating the callbox.

**Digital ANI (Automatic Number Identification)** – Enables any callbox with MDC-1200 signaling to be identified at a dispatch center console.

**Auto-Check In (requires the above Digital ANI and a dot-matrix printer)** – Enables each callbox to automatically “check-in” with its ANI code every 24 hours. A hard copy record of each callbox's transmission and “check in” will then be printed out.

**Dot-Matrix Printer (for use with Digital ANI option)** – A printer at the console will provide a record of all callbox alerts, auto check ins, and radio push-to-talk activity.

## SPECIFICATIONS:

### Callbox

Material Fabricated from a Powder-Coated Aluminum - .090 Thickness.

Size 12.375" H x 11.75" W x 5" D

Electronic components comply with International Quality Standard ISO 9002 and with FCC Rules and Regulations, Title 47, Part 15, Subpart B “Unintentional Radio Frequency Devices. The call system complies with ADA (American with Disabilities Act) regarding operation and placement of all signaling and mechanical features.