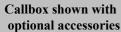
CONNECTIVITY-MACPLUS

MACPLUS available through Motorola – Part Number RRDN4371A Solar or RRDN4372A AC/DC







Stainless Steel Callbox w/Self-Closing Door

ΑII of the advanced, patented features of our MACONE callbox, plus the added sophistication of a 4-button notification panel. Each button can be customized; i.e., MEDICAL/POLICE, MECHANICAL/TOWING, GAS/TIRE, and HEARING IMPAIRED. This softwaresystem sends automatic driven audible and digital signaling to a center. Microprocessor dispatch controlled, modular conformal-coated boards, fully expandable design and TTY/ADA compliant are all features synonymous with this unit. Ideal for roadways, bridges, tunnels and commuter rail stations, this system brings next generation technology to our customers today!

Features

Solar or AC/DC for 12 Amp Battery Source
40-Day Standby Battery Capacity
Courtesy Light when Door Opens
Door Open Alert Automatically Announces
Callbox 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
Four Customizable Identifier Buttons

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 Stainless Enclosure
Expandable for Auxiliary Trip Devices
Self-Closing Pneumatic/Mechanical Door
ADA Compliant



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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, **or**

Solar Power - A 10-watt Siemen's solar panel with pole/wall "4-seasons" mounting bracket for remote placement applications. The system's independence from commercial power sources will significantly reduce the cost associated with hardwiring electric or phone cables to callbox locations.

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.

Door Open Alert - Opening the door automatically activates 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.

Door Closed Alert – Your dispatch personnel will know when the user has left the callbox.

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 cell 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.

Stainless Steel Enclosure - This powder-coated, corrosion resistant, heavy duty *316* stainless steel callbox enclosure is intended to provide protection against the harshest of elements, including the formation of ice. **Signage** - Choice of "ASSISTANCE", "EMERGENCY" or "CALLBOX" reflective or non-reflective vinyl message decals.

ADA Compliant Hinges - Door is easily opened, requiring less than 2 pounds of pressure!

Self-Closing Pneumatic/Mechanical Door - No need to worry about a left open door with this system! Even though the door automatically shuts to a tight seal, it has been engineered to close gradually to prevent injury. **4 Identifier Buttons** – Example - POLICE/MEDICAL, MECHANICAL/TOWING, GAS/TIRE, HEARING IMPAIRED NOTIFICATION assist monitoring personnel in routing the call correctly.

AVAILABLE OPTIONS:

Area Monitoring Feature - Certain restrictions apply.

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

Signage - Custom reflective and non-reflective vinyl decals, metal Braille plates and metal reflective roadway signs are available.

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.

SFDTMF Board – This surface-mounted board with DTMF signaling enables each callbox identifier button to be identified and routed properly at a dispatch center computer. In addition, each callbox can automatically power up and report its operating status to a dispatch center computer without interruption of a call in progress.

CAM - Computer-aided maintenance software used with the SFDTMF signaling board can be customized to meet a customers specific needs.

SPECIFICATIONS:

Callbox

Material Fabricated from a rustproof and corrosion-proof *316* stainless steel. Size 15" H x 11.375" W x 7.75" D (9.75" D with Mounting Bracket)

Solar Panel

Material Ultra-clear tempered glass front, solar cells are laminated between a multi-layered polymer backsheet and

layers of ethylene vinyl acetate, torsion and corrosion resistant anodized-aluminum module frame.

Size 12.9" H x 15.25" W x 1.4" 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 box complies with ADA (American with Disabilities Act) regarding operation and placement of all signaling and mechanical features.