Description

The Keypad Model CMA 600 is a battery operated, wireless alphanumeric keypad designed for configuring /programming and operating RSIalarm™ security systems.

The keypad consists of a liquid-crystal (LCD) display with two 16-character lines, multi-function push buttons, a panic alarm button, a built-in sounder, and S2View® spred spectrum, videofied, interactive, encrypted wireless circuitry for secure two-way communication with the control panel.

The LCD display provides easy to read messages and goes out after 30 seconds of no keypad activity, to conserve battery power. Pressing any button (except the panic alarm button) restores the display. Backlighting is controlled automatically, based on lighting in the keypad location.

The keypad allows complete alphanumeric programming of all system settings/parameters in RSIalarm security systems. S2View® spred spectrum, videofied, interactive, encrypted wireless circuitry effectively makes the keypad a mobile programmer that can be used anywhere within the installation site during system programming. Easy to understand display text guides you through programming, prompting you for simple yes/no or data entry responses. The left and right arrow buttons cycle through menus or values until the desired choice is displayed. Alphabetical entries are done using the 0 - 9 buttons and can be in lowercase, uppercase, or a combination of both. Complete punctuation symbols are also available for data entries such as website/IP addresses and component location naming.

Arming/disarming the system with the keypad is easy. For example, the 1 and 2 buttons just below the display can be programmed to arm a specific part of the pre ises just by pressing the button once, then it will prompt you for your code. The house outline button just below the display can be used to arm the perimeter of the premises in the same manner.

The keypad is typically installed near entry/exit doors to allow system users enough time to arm and exit the premises, and to enter and disarm the system before time delays expire. When the system is armed, the built-in sounder emits a series of exit delay beeps to remind the user to exit before the beeps stop. Upon entering the armed premises, the built-in sounder emits entry delay beeps to remind the user to disarm the system to avoid an alarm. A dual tamper function provides detection for both keypad cover and wall tamper.

The keypad is powered by four lithium batteries that can last four years or more, depending on the amount of keypad activity. The keypad transmits a check-in signal every eight minutes that includes its unique identification code, along with the tamper condition, serial number, date of manufacture, software revision and battery status.

www.rsialarm.com

Features

> *S2View® −Spread Spectrum, Videofied, Interactive AES Encrypted Wireless technology provides optimum signal integrity and security.*

> *Mobility−program the system from anywhere on site.*

> *Display−two lines, 16 characters each; automatic backlighting; display blackout after 30 seconds of no keypad activity to conserve battery power.*

> *Buttons−complete alphanumerical setting/parameter entries in programming mode; standard and custom operation in normal operating mode.*

> *Built-in sounder−provides entry/exit delay beeps and alarm sounds.*

> *Panic button−for manual activation anytime.*

> *Supervised−transmits a check-in/status signal every 8 minutes indicating tamper state, serial number, date of manufacture, software revision and battery status.*

> *Dual tamper−provides detection for both wall and cover.*

> *Lithium batteries−last at least four years (estimated).*

Applications

> *Programming and operating RSIalarm security systems.*

Electrical Data

Power requirements	Four 1.5 V batteries
Battery type	Lithium, LS14500
Battery life (estimated)	At least 4 years
RF technology	S2View®
Radio type	Spread Spectrum Bidirectional RF
Operating frequency	915 MHz. 25 frequencies
Transmission security	AES algorithm encryption
Supervision	Transmits check-in signal every 8 minutes
Antenna	Integrated
Tamper detection	Wall and cover tampered
Display type	Liquid-crystal (LCD)
Display size	Two lines, 16 characters each
Display backlighting	Automatic
Built-in sounder	Emits entry/exit delay beeps, alarms
Panic button	One (can be disabled)
Operating temperature	32° - 104° F (0° - 40° C)
Maximum relative humidity	70%, non-condensing
UL Listings	1023 (applied for)

Physical Data

Material	ABS–ULV0
Dimensions	(LxWxD): 7 in. x 3-3/4 in x 1-1/2 in. (177 mm x 95 mm x 37 mm)
Weight	9 oz./255 g (without batteries)

Installation/Mounting

Keypad/Base:	One screw secures keypad to base; four screws secure keypad base to mounting surface.