

Product Summary

The Keypad CMA601 is designed for use in configuration/programming and operating with a RSI Video Technologies security system. The keypad includes the following features:

- > Lithium batteries for long life.
- > 2-line, 16-character alphanumeric LCD display with backlighting.
- > Armed status red LED.
- > Built-in piezo for status and alarm sounds.
- > Dual tamper function provides detection for both wall and cover tamper.
- > Transmits check-in/status signal every 8 minutes.

Installation Guidelines

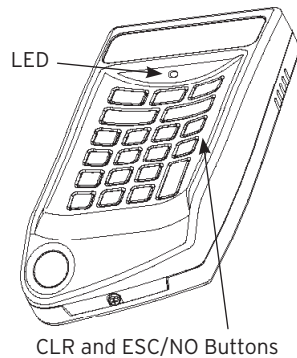
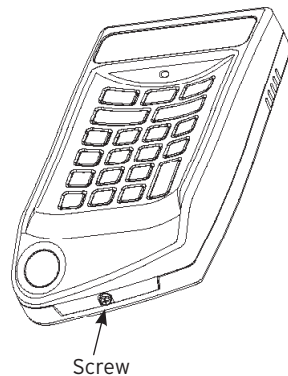
For easier installation, programming and RF testing should be done to check for good communication between the control panel and all system devices before mounting system devices. Install the keypad and other devices in the order of the following steps:

- > Programming/RF Testing - program keypad and all other devices into the control panel and test RF communication from each intended device location to the control panel.
- > Mounting - mount keypad at the tested location.

Programming/RF Testing

The following provides summarized steps for device programming and testing. For complete details, refer to the control panel installation manual.

- 1** Remove bottom screw, separate base from keypad and install batteries.
- 2** Re-attach base to secure tamper switch.
- 3** Put control panel into programming/configuration mode.
- 4** On keypad, press and hold **Clr** and **Esc/No** buttons together for one second, then release them. Wait for keypad display to show KEYPAD 1 RECORDED.
- 5** Press **Yes**. The display shows RADIO RANGE TEST? Press **Yes** again. The detector LED starts flashing and keypad display shows RF TEST #/9



- 6** Press **Yes** to end radio range test, then press **Esc/No**.

Note: If this is the first keypad programmed in a new installation, the keypad display prompts you to enter other system configuration data. If you are adding the keypad to an existing (operational) system, proceed to step 9.

- 8** Repeat steps 1 - 8 for all alphanumeric keypads.
- 9** When finished, exit configuration mode.

Note: The control panel assigns alphanumeric keypads automatically to Zone 1 (Entry/Exit Delay).

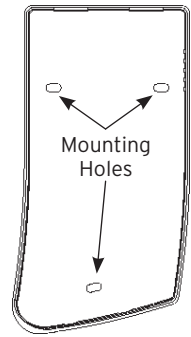
- 10** Refer to the users manual of your alarm panel to know how use this device.

Mounting

- > Use proper tools and hardware.
- > Mount indoors in a temperature-controlled environment.
- > Mount in a location that provides customer convenience, but out of view from windows.

- 1 Separate base from keypad.
- 2 Hold base against mounting surface and mark the three mounting holes.

- 3 Drill pilot holes and install anchors where needed.
- 4 Place base on mounting surface so mounting holes line up with pilot holes/anchors and secure base with appropriate screws.
- 5 Install batteries into keypad, observing correct polarity.
- 6 Attach keypad to base and secure with screws.



Electrical Data

Panel Compatibility Videofied Alarm Panel XL,XT,XTIP, V6000

Power requirements:

Type:	3.6v SAFT Lithium, LS14500, AA Batteries Only
Nominal Voltage:	3.6v
Low Voltage Limit:	3v
Quantity	3x

Battery life (estimated) Up to 4 years

RF technology:

2 way S²View© RSI Technologies
915MHz frequency hopping

Radio type Spread Spectrum Bidirectional RF

Operating frequency 915 MHz

Transmission security AES algorithm encryption

Supervision Panel polls devices every 8 minutes

Antenna Integrated

Tamper detection Wall and cover tampered

Keypad:

Keys:	23x Keys
Allowed Time for Code Entry:	60s
Number of Illegal codes:	186 (depending on panel features)
User code input attempts before lockout:	5
Lockout duration:	90 seconds
Memory Lifetime:	No Limit (Flash Memory)

Assistance Request

Police

Display type

Liquid-crystal (LCD)

Display size

Two lines, 16 characters each

Display backlighting

Automatic

Built-in sounder:

Piezo Buzzer:

Emits entry/exit delay beeps, alarms

Panic button

One (Must be programmed/Enabled)

Operating temperature

14° - +104° F (-10° - +40° C)

Maximum relative humidity

75%, non-condensing

Physical Data

Material

ABS UL94-V0

Dimensions

(LxWxD):6.3 x 3.6 x 1.2 Inches
(160 x 92 x 31 mm)

Weight

6.35oz (180gr) without batteries

Installation/Mounting

Wall Mount

3 Screws (including one for the tamper)

Case Lock

1 screw on bottom

Certification & Approvals

USA

FCC Part 15C

UL 1023 (Applied For)

FCC Regulatory Information for USA and CANADA

FCC Part 15.21 Changes or modifications made to this equipment not expressly approved by RSI VideoTechnologies may void the FCC authorization to operate this equipment.

FCC Part 15.105 Class B

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radio frequency radiation exposure information according 2.1091 / 2.1093 / OET bulletin 65

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.



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