

**Protege Touchsense LCD Keypad
User Manual**

ICTProtege®

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Introduction

The Protege System is an advanced technology security system specifically designed to enhance the functionality of security, building automation and access control by providing a complete integrated solution with local monitoring and offsite communication.

The Protege Touch Sense LCD Keypad provides a sleek, user friendly interface to the Protege Integrated System. The Protege Touch Sense LCD keypad is equipped with a touch sensitive ergonomic keypad and an LCD display, allowing you to have complete control of your security and access control system.

All the actions performed in your system will be executed and displayed through the keypad. Before using your Protege Integrated Alarm and Access Control System, we highly recommend you read this manual carefully and have your security professional or property manager explain basic system operation to you.

Optional Protege management software is available and is recommended to enhance your productivity when using the Protege System. For more information visit the ICT website or ask your System Administrator.

Document Conventions



Indicates a warning or cautionary message



Indicates an important note or advisory information



Indicates a hint or suggestion

[TEXT]

Bold text enclosed in brackets is used to show a section number or address of a programmable option or information on programming shortcut sequences

Operations










The following section provides you with the information needed to familiarize yourself with keypad before carrying out basic operations.

Visual Display

The keypad features a rich 32 character LCD (Liquid Crystal Display).

Keypad Function

The Protege Touch Sense Keypad has 23 keys. In some cases, the primary functions of these keys vary based on the action being performed.

Key	Function
0-9	The primary function of these keys is to enter user codes. When controlling devices, the [1] key turns the device on, [2] key turns the device off and the [3] key will latch the device in the on state.
	The [ARM] key is used to start the arming process for an area.
	The [DISARM] key is used to silence alarms, disarm the area and cancel an arming sequence.
	The [MENU] key is used to access the menu and can be followed by menu shortcut selection key(s), that represent a menu item. When the [MENU] key is held for 2 seconds, the keypad will recognize it as the [FUNCTION] key. The [FUNCTION] key can be programmed to unlock a door.
	The [STAY] key is used to start the stay arming process for an area.
	The [FORCE] key is used to force arm an area.
	The [MEMORY] key will take a user directly to the memory view menu.
	The [BYPASS] key can be pressed when a zone is breached during an arming process to bypass the displayed zone.
	The [CLEAR] key will log off the user currently logged on the keypad. When pressed while not logged in the display will be refreshed.
	The [ENTER] key is used to confirm an action on the keypad, acknowledge memory and alarm information and move to the next programming screen.
ARROW KEYS	The arrow keys are used to scroll the menu, move the focus of a program window to the next screen, and move the cursor when programming or editing values.

Audible Feedback

When a key is pressed, a short audible tone is generated. Other tones are generated when certain functions are used.

Confirmation Tone

When an operation has been successfully completed, the keypad generates a sequence of four audible tones.

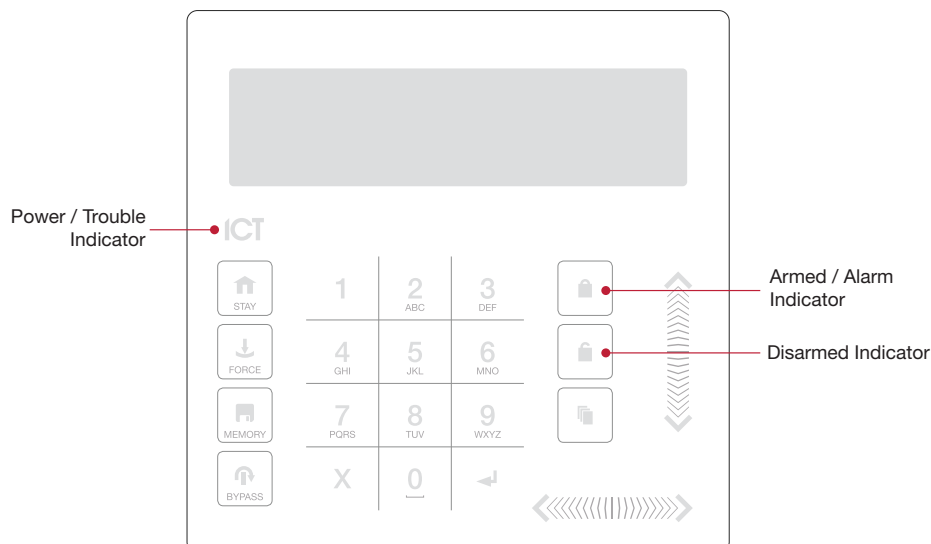
Rejection Tone

When the system times out or when an operation is incorrectly entered, the keypad generates an audible tone for three seconds.



If required, audible tones can be silenced by pressing and holding the **[CLEAR]** key for 3 seconds. This option must be enabled by your security professional or system administrator.

Indicator Lights



Power/Trouble Indicator

- When the Power/Trouble Indicator is **FLASHING**, it is showing that a trouble condition is present
- When **ON**, the system is powered and operating normally
- If there is a complete power failure this indicator will be **OFF**

Disarmed Indicator

When the Disarmed Indicator is **ON**, the system is disarmed.

Armed/Alarm Indicator

When the Armed/Alarm Indicator is **FLASHING** the system is in alarm and your user code needs to be entered to silence the alarm. When **ON**, the system is armed.



Indication of the system status and the operation of the indicators are programmable and may not function as above. Verify the operation with your installer.

Logging into the Keypad

To logon, enter your [USER CODE] and press [ENTER].

**Enter user
code: *******

To restart the entry process, press [CLEAR].

- Once a valid code is entered you are presented with a welcome screen.

**Good Evening
J Smith**

- If your user record is programmed to view alarm memory, an alarm memory message is shown before you are taken to the area control menu.

**Warehouse
is DISARMED**



If the **Lock Keypad On Excess Attempts** option has been enabled by your installer, the keypad will lock if a user code has been entered incorrectly more than three times. The time that the keypad will be locked for will vary depending on your installation.

If this option is not enabled, the keypad will not lock no matter how many times an incorrect user code has been entered.



Before attempting to access any of the programming menus from the Protege Touch Sense LCD Keypad, you will need to logon with your user code. The default Master code to gain access to your system is [123456]. For security reasons, this code should always be changed after initial setup is complete.

Logging Off

You are automatically logged off if no key press has been detected for the time programmed by your installer, or if the [CLEAR] key is pressed while you are logged on.

Arming / Disarming

To take full advantage of your Protege Keypad, we recommend that you familiarize yourself with the different arming methods.

Delay Times

Entry Delay

Setting an entry delay time for the area allows you to have time to disarm the area before the area generates an alarm.

Exit Delay

The exit delay time for the area allows you to exit the area once the arming of the area has begun without triggering an alarm. When an area is in exit delay, you should leave the area.

The configuration of the exit and entry delay beepers is determined by your installation. Please verify the operation with your security professional or property manager.

Arming an Area

To Arm an Area, navigate to **[MENU, 1]** on your keypad. If you have access to more than one area, you can scroll through the list using the **[UP]** and **[DOWN]** keys.

**Warehouse
is DISARMED**

- When the appropriate area has been found, press **[ARM]** to enable the zones in the area.

**Warehouse
Enabling zone(s)**

- The system then checks that the zones closed and are ready to be armed.

**Warehouse
Checking zone(s)**

- If all the zones are ready, the area goes into exit delay.

**Warehouse
in EXIT delay**

- Once the exit delay time has elapsed, the area is armed.

**Warehouse
Arm complete**

Stay Arming an Area

Stay Arming is an option that must be enabled by your installer.

This method of arming allows you to remain in the area while it's partially armed. Stay zones are zones that are bypassed when the system is stay armed. For example, if you are working late and the stay option is enabled, you can arm a portion of the building to protect the windows and doors without arming other zones.

**Office
is DISARMED**

- Press [STAY] to enable the normal zones in the area and bypass the stay zones.

**Office
Enabling zone(s)**

- The system then checks the zones in the area are closed.

**Office
Checking zone(s)**

- If all the zones are closed, the arming process completes.

**Office
Arm complete**

- The area then goes into exit delay.

**Office
in EXIT delay**

- Once the exit delay time has elapsed, the area is stay armed.

**Office
is STAY**

Force Arming an Area

Force Arming is an option that must be enabled by your installer.

Force Arming allows you to arm the system without waiting for all the zones in the system to close.

Force arming is commonly used when a motion detector is protecting an area that is occupied by a keypad. For example, if the motion detector has been programmed as a force zone, the system will allow you to arm even if the zone is open.

- From the Arm/Disarm menu you will be shown the area(s) associated with the keypad and its current status. Select the area you want to force arm.

**Office
is DISARMED**

- Press [FORCE] to enable the zones in the area.

**Office
Enabling zone(s)**

- The system then checks the zones in the area are closed, automatically skipping any open zones that can be force armed.

**Office
Checking zone(s)**

- If all the zones are closed, the arming process completes.

**Office
Arm complete**

- Once the zones have been armed, the area goes into exit delay.

**Office
in EXIT delay**

- Once the exit delay time has elapsed, the area is force armed.

**Office
is FORCE ARMED**

Bypassing Zones in an Area

Bypassing allows you to program the alarm system to ignore certain zones the next time the an area is arming or until the bypass is disabled. For example, you may wish to bypass certain zones when workers are renovating part of a building



The bypass settings of a zone are removed when all the areas the zone is assigned to are disarmed. If the bypass is a latched bypass, the bypass settings remain until removed manually.

- Select the Bypass Zones menu by pressing [MENU,7,1].
- Press the [RIGHT] key to search for a zone using the zone reference (for example, 000008).
- Use the [UP] key to scroll to the next zone.

**Warehouse PIR
is not BYPASSED**

- Press [1] to bypass the zone, press [3] to latch bypass the zone, and press [2] to remove the bypass setting.

**Warehouse PIR
is BYPASSED**

Disarming an Area

Select [MENU, 1], and find the area you want to disarm.

**Warehouse
is ARMED**

- If an entry zone is triggered, the area will go into entry delay.

**Warehouse
in ENTRY delay**

- Press [DISARM].

**Warehouse
is DISARMING**

- When the area is disarmed, you can enter.

**Warehouse
is DISARMED**

Silencing and Canceling Alarms

- When an area is in alarm, it can be silenced.

**Warehouse
in ALARM**

- Press [DISARM].

**Warehouse
is DISARMING**

- When the area is disarmed, the alarm stops.

**Warehouse
is DISARMED**

Trouble Display

The Protege system continually monitors system devices and trouble conditions.



Trouble conditions are cleared automatically by the system. If required, these can be programmed by your installer to require acknowledgment. It is recommended that you inform your property manager or security company immediately if a trouble condition occurs.

Viewing System Troubles

Select the trouble view menu by pressing **[MENU,5,2]**.

- Press the **[ENTER]** key to view any trouble conditions that have occurred.

Battery
The system or a

- Use the **[RIGHT]** and **[LEFT]** keys to view the full details of the trouble condition and the action that should be taken.
In this example, the full trouble message shown is "The system or a component of it has a battery problem. Call service tech."
- If the trouble requires acknowledgment, press **[ENTER]**.

Press [ENTER] to
acknowledge

- To view the next trouble condition (if any are present) press **[DOWN]**.

Press [↓] to show
next item

- Once finished, press **[MENU]** to exit the view mode.

Press [MENU] to
exit view mode

Alarm Memory

Alarms can be stored in the event log and in the alarm memory of the area the alarm was activated in.

This option must be enabled by your installer.

Viewing Alarm Memory

Select the Alarm Memory menu by pressing **[MENU, 5, 1]**. Use the **[UP]** and **[DOWN]** keys to view the areas.

- If the area has alarms in its memory, the keypad generates a rejection tone and displays the memory message.

Warehouse
Alarms In Mem

- To view the first item stored in the alarm memory press the **[ENTER]** key.

Had alarm on
Roller Door

- The area that the alarm occurred in is then shown. If a tamper alarm has occurred, the first line states that it was a 24HR alarm.

in AREA
Warehouse

- If the Acknowledge Alarm Memory option has been enabled by your installer, press the **[ENTER]** key to acknowledge the alarm and remove it from the list.

We recommend you always take note of the alarm before acknowledging or clearing the alarm memory

Press [ENTER] to
acknowledge

- Press the **[DOWN]** key to view the next item stored in the alarm memory.

Press [↓] to show
next item

- Once finished, press the **[MENU]** key to exit the view mode.

Press [MENU] to
exit view mode

Events

Events are logged for all actions that are performed on the Protege system and can be viewed from the keypad. Events are presented in plain text.



To manage your system effectively and get detailed, exception and custom reports direct to your desktop, ask your security professional about Protege software.

Viewing Events

Select the **Review** menu by pressing **[MENU,3,1]**.

- Press the **[UP]** key to view the previous event, and press the **[DOWN]** key to view the next event.

Wed 13:27:41 Use
r OFFLINE USER L

- The keypad shows the first 32 characters of the event. Press the **[RIGHT]** key to show the following lines for the event.

In this example, the full event shown is "Wed 13:27:41 User OFFLINE USER Logged In At KP039" which tells us that offline menu access was made on Keypad 39 at 1:27pm on Wednesday.

Additional Features

The Keypad supports additional features that can enhance the management of your installation.

The following features need to be enabled by your installer before they can be used.

Offline Menu Access

Offline menu options provide access to certain functions without the needing to log into the keypad. Pressing the **[MENU]** key while logged out displays the offline menu.

Automation Menu

- To control automation points press **[MENU,1]**.

**Warehouse Lights
is OFF4**

- Use the **[UP]** and **[DOWN]** keys to select the automation point you want to control.
- Press the **[1]** key to turn the point on for the period defined by your installer, the **[2]** key to turn the point off, or the **[3]** key to latch the point on.

Trouble View

To view troubles from the offline menu press **[MENU,2]**.

Event View

To view events from the offline menu, press **[MENU,3]**.

Information Menu

To view system information, press **[MENU,4]**.

Use the **[UP]** and **[DOWN]** keys to scroll through the following information:

- BIOS Application version number
- BOOT Application version number
- Database version
- Keypad serial number
- Memory capacity

The letter indicates the location of the memory that is in use. This will be blank or I for internal, and E for extended.

- The current time
- The current date
- The current day of the week

Offline Door Unlock

Holding the **[MENU]** key for 2 seconds puts the keypad into **FUNCTION** mode. This mode can be used to unlock a door that is associated with the keypad without needing to login.

Disabling / Enabling the Audible Output

Disabling the audible tone on your keypad will prevent the beeper from generating any notifications for alarms, exit delay, or entry delay. This also disables rejection, confirmation and key press tones.

Disabling the Audible Output

- To disable the audible output, press and hold **[CLEAR]**.
- The keypad will generate one long audible tone (rejection tone) to signify that the audible output has been disabled.

Enabling the Audible Output

- To enable the audible output, press and hold **[CLEAR]**.
- The keypad will generate four audible tones to indicate that the audible output has been enabled.

Panic Alarms

The Protege system provides three panic alarms that are immediately generated after two specific buttons are pressed and held for three seconds. Based on your needs, these panic alarms may generate audible alarms (sirens or bells) or silent alarms, and communicate specific messages to your monitoring station or property manager.

- Press and hold **[1]** and **[3]** for the **panic** alarm.
- Press and hold **[4]** and **[6]** for a **medical** alarm.
- Press and hold **[7]** and **[9]** for a **fire** alarm.

Fire Alarms/Smoke Detector Reset

Fire Alarms

When a fire alarm occurs, the keypad emits three audible tones at 2 second intervals until it is reset by entering a valid user code. If the zone is a **delay fire zone**, there is a 30 second delay before the system contacts the security company or property manager, preventing the reporting of false alarms. If there is no fire condition, we recommend you contact your property manager or security company immediately to avoid an unnecessary response.

A delayed fire zone is automatically canceled if the smoke detector is reset within 30 seconds. Pressing any key on the keypad during the first 30 seconds will silence the alarm for 90 seconds.

Smoke Detector Reset

Depending on your installation, you may be required to reset a smoke detector following a fire alarm.

To reset smoke detectors from a keypad, press **[CLEAR]** and **[ENTER]** together for 3 seconds.

Contact

Integrated Control Technology welcomes all feedback.

Please visit our website (<http://www.ict.co>) or use the contact information below.

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