

**EliteSuite Touch Sense LCD Keypad
Installation Manual**

ICTEliteSuite®

The specifications and descriptions of products and services contained in this document were correct at the time of printing. Integrated Control Technology Limited reserves the right to change specifications or withdraw products without notice. No part of this document may be reproduced, photocopied, or transmitted in any form or by any means (electronic or mechanical), for any purpose, without the express written permission of Integrated Control Technology Limited. Designed and manufactured by Integrated Control Technology Limited. Protege® and the Protege® Logo are registered trademarks of Integrated Control Technology Limited. All other brand or product names are trademarks or registered trademarks of their respective holders.

Copyright © Integrated Control Technology Limited 2003-2015. All rights reserved.

Publication Date: June 2016

Contents

1	Introduction	4
2	Wiring Configuration	5
2.1	Keypad Wire Loom Color Coding	5
2.2	Communication Connection	6
2.3	Zone Input Wiring	7
2.4	Fire Zone Input Wiring	8
2.5	Slave Keypad Zone Wiring	9
2.6	PGM (Programmable Output)	10
2.7	Slave Network	11
3	Device Configuration	12
3.1	Address Selection (Device Config Menu 1)	12
3.2	Device Options (Device Config Menu 2)	12
3.3	Display Brightness (Device Config Menu 3)	13
3.4	Version Info (Device Config Menu 4)	13
3.5	Device Default (Device Config Menu 5)	13
4	Local Installer Login	14
5	Timing (Menu 1)	15
5.1	Entry Delay Timer (Menu 1, 1)	15
5.2	Exit Delay Timer (Menu 1, 2)	15
5.3	Alarm/Siren (Menu 1, 3)	15
5.4	Reader Pre-Alarm Timer (Menu 1, 4)	16
5.5	Reader Left Open Timer (Menu 1, 5)	16
6	Options (Menu 2)	17
6.1	General Options (Menu 2, 1)	17
6.2	Display Options (Menu 2, 2)	19
6.3	Arming Options (Menu 2, 3)	19
6.4	Reporting Options (Menu 2, 4)	20
6.5	Panic Options (Menu 2, 5)	22
7	Zones (Menu 3)	24
7.1	Selecting a Zone	24
7.2	Zone Name	24
7.3	Zone Type	24
7.4	Zone Options	25
8	Contact	26

1 Introduction

Your EliteSuite Touch Sense LCD Keypad provides a user friendly human interface to the EliteSuite integrated access control, security and building automation system, an advanced technology security product providing seamless and powerful integration.

The ICT Elite Suite range is designed for multi-dwelling apartment complex management. Using the trusted and proven Protege backend hardware and software platform, cutting edge multi dwelling facilities are automated with ease. A variety of end user keypad options provide centralized management, and the unobtrusive design is the perfect fit for modern residences. You can add a maximum of 248 master keypads per controller in Protege GX. Each apartment can have 1 master keypad with up to 3 slave keypads.

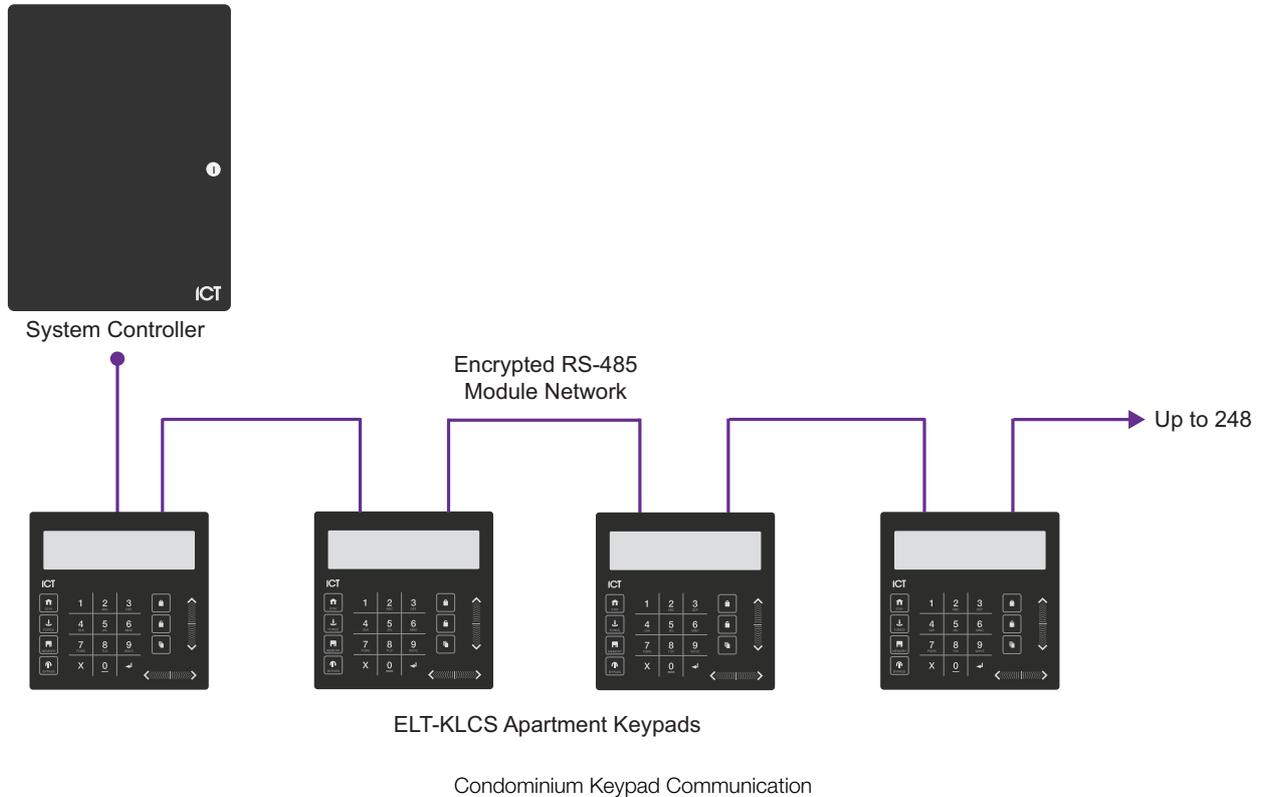
The current features of the Keypad include:

- Securely login with user codes from 1 to 4 digits with support for card reader and PIN code operation
- Intuitive menu function allows scrollable options according to user security level with quick access short cut keys for the power user
- Capacitive Touch Sense keypad
- Individual reportable duress code trouble for each Touch Sense LCD Keypad
- Activation of 3 Reportable Panic Events (Panic, Medical and Fire)
- Available in white or black
- 4 input (duplex mode) can be used to perform any system alarm and automation functions with a dedicated enclosure tamper switch
- 1 low current output for driving any signaling device

For more information on the EliteSuite Touch Sense LCD Keypad and other Integrated Control Technology products please visit the ICT website (<http://www.ict.co>).

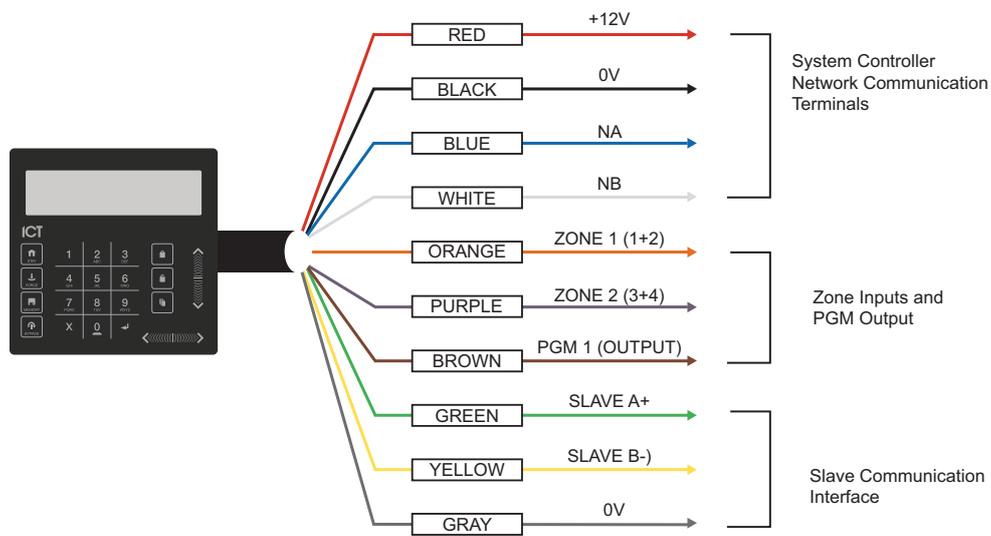
2 Wiring Configuration

The EliteSuite keypad uses encrypted RS485 communication. Connections should be made in a daisy chain configuration, avoiding star and stub connections.



2.1 Keypad Wire Loom Color Coding

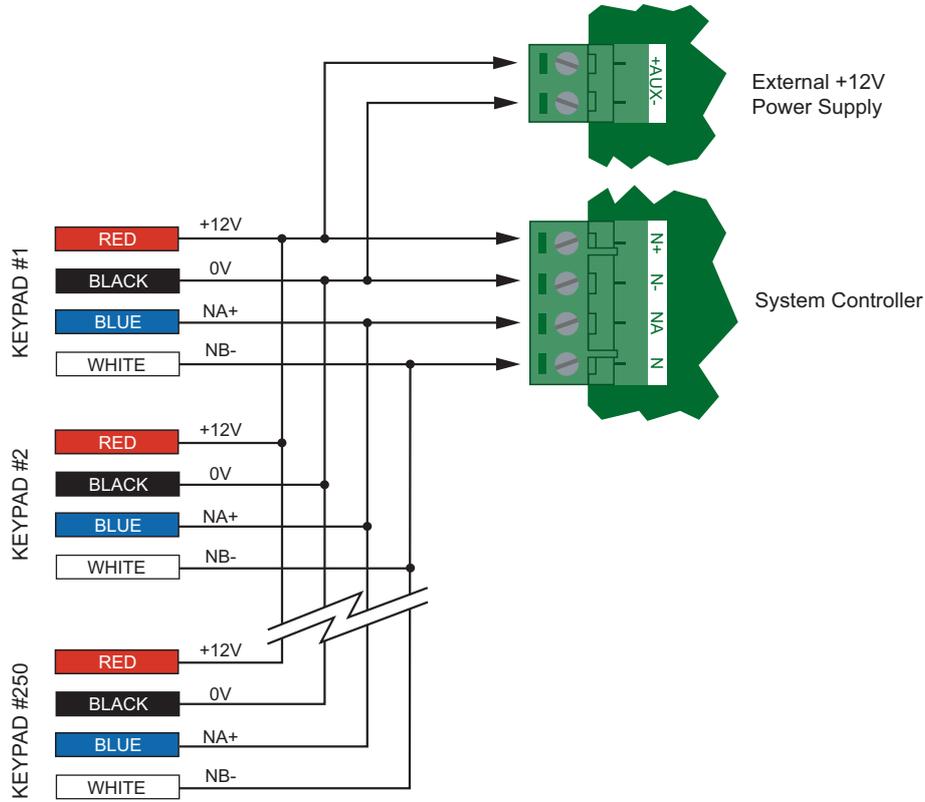
Keypads are supplied with a wire loom attachment and are connected using a keyed 10 position snap lock connector. The 10 way wiring loom connection uses the following color coding.



Wire Loom Color Coding and Function

2.2 Communication Connection

The system uses an isolated RS-485 communication interface that requires power to be supplied to the N+ and N- terminals. Each system controller supports up to 250 keypads.



Communication Connection



If using more than one power supply for multiple keypads, ensure the +12V terminals of only ONE power supply are connected to the N+ and N- terminals of the controller. Each power supply should have the common (0V or -) connected together to ensure a common 0V.

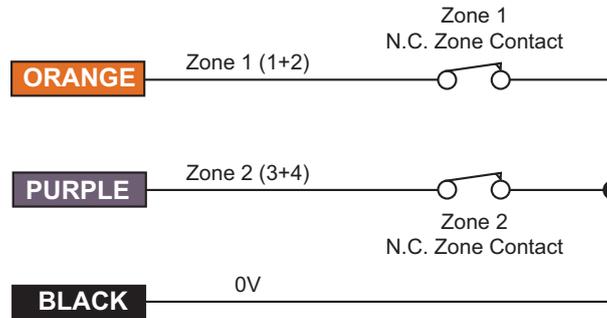
2.3 Zone Input Wiring

The EliteSuite Keypad can connect to up to 4 zone inputs. Each zone input can then be programmed to perform the required function in the system.

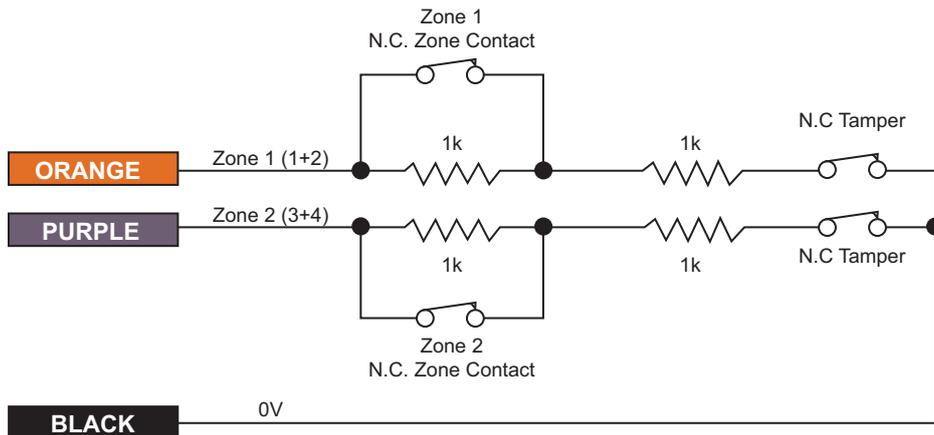
The following diagrams show the possible wiring configurations. The configuration used must then be programmed from the options menu (see page 17).



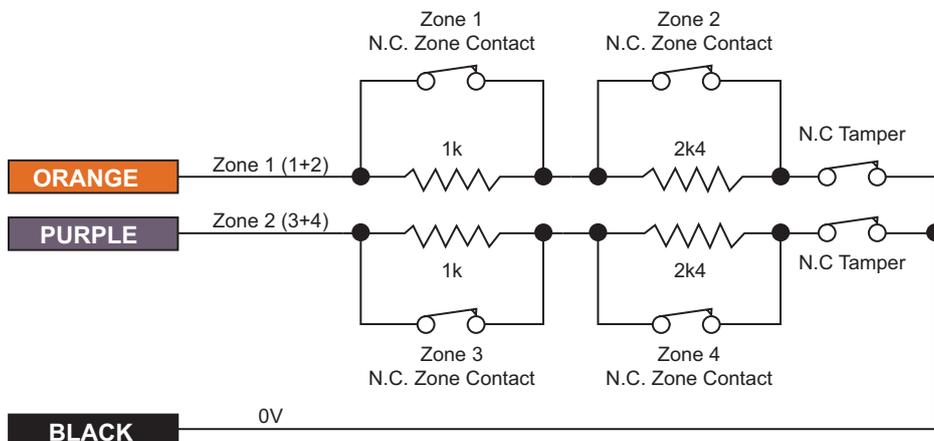
When using a tamper input, the tamper contacts must be normally closed and wired in series.



2 Zone Input (No Resistors)



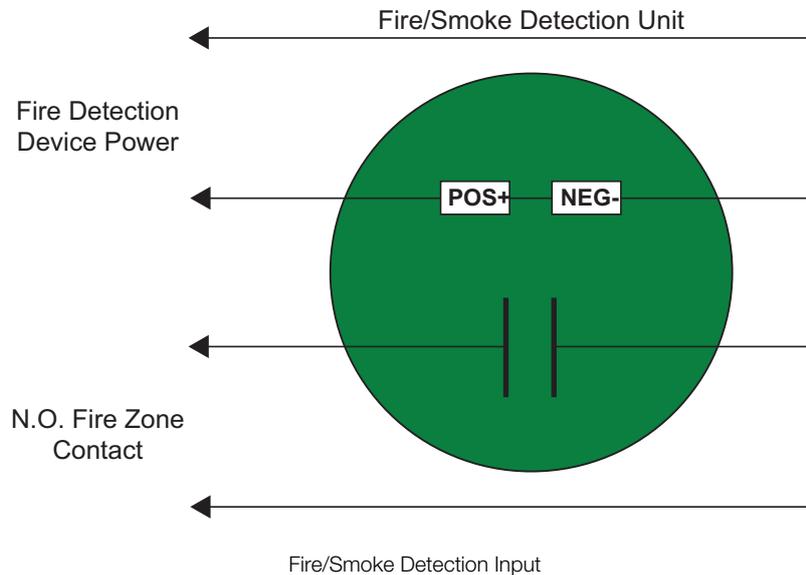
2 Zone Input (1K and 1K)



4 Zone Input Duplex Mode (1K and 2K4)

2.4 Fire Zone Input Wiring

When wiring a zone to be a fire zone input, the zone options that are currently programmed will determine the resistors and configuration that is required. Refer to the General Options (see page 17) and the Zone Input Wiring (see page 7) diagrams for more details.



Fire zones should NOT be installed in duplex mode operation. When a fire zone input is connected using the duplex zone configuration, a fire zone fault will not be shown when the fire zone has a shorted condition as this is shown as all zones closed. A fire loop trouble will be shown when the zone is tampered.

Fire zones should ALWAYS be connected using the EOL resistor method (2R) as this provides both open and short circuit monitoring.

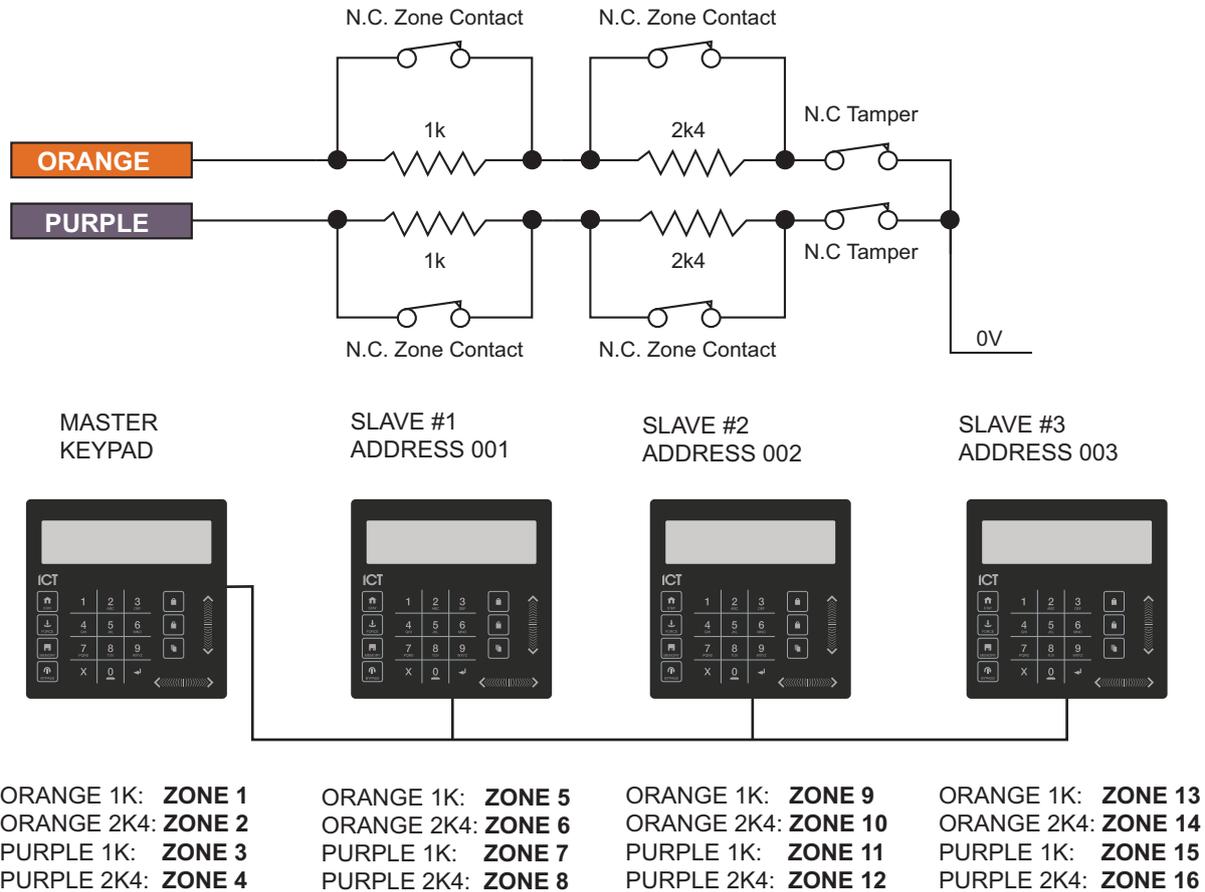
2.5 Slave Keypad Zone Wiring

When there are one or more slave keypads connected, additional zones become available.

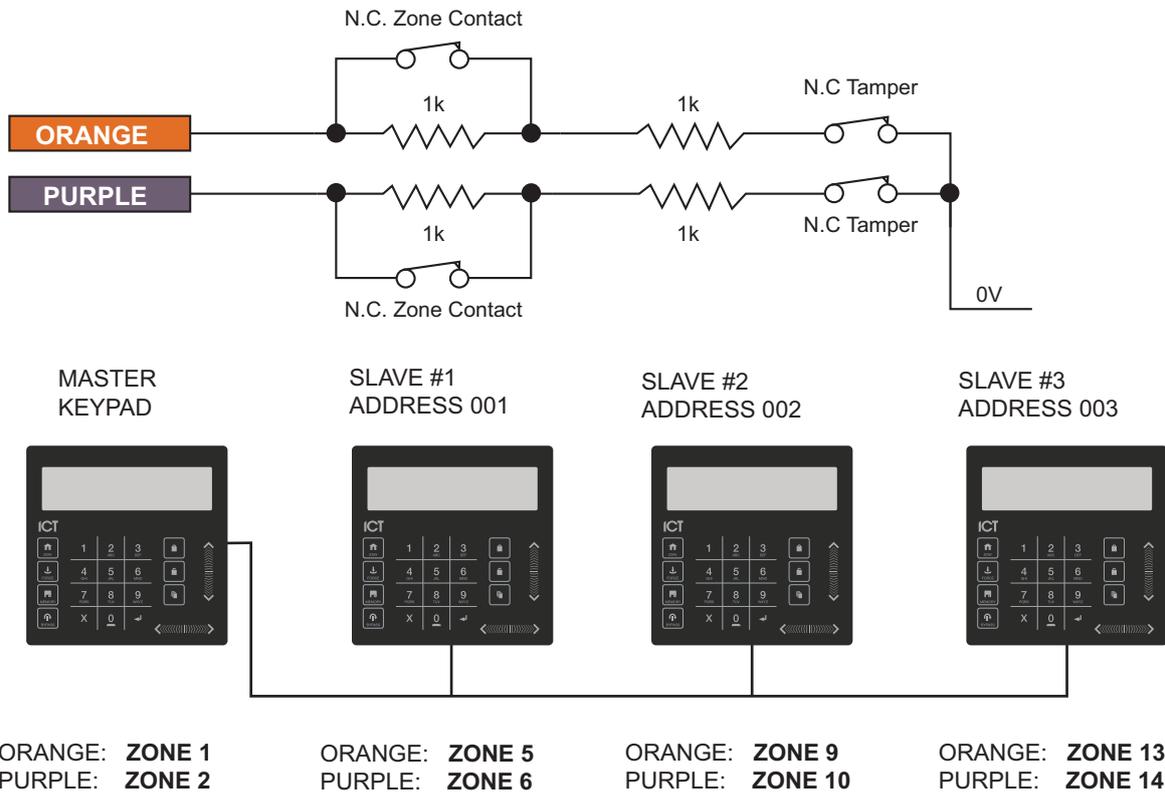
There are 2 options for wiring the zones:

- Duplex mode enabled, **16** zones available.
- Standard wiring mode, **8** zones available.

The wiring option selected will depend on the physical configuration of the sensors and wiring in each installation. Refer to General Options (see page 17) for details on enabling duplex mode.



Slave Keypad Duplex Zone Wiring and System Numbering



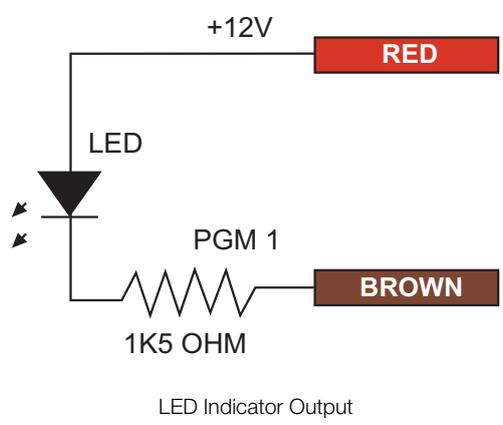
Slave Keypad Standard Zone Wiring and Numbering

2.6 PGM (Programmable Output)

The EliteSuite Keypad uses a programmable output (PGM) that will activate during an alarm condition. This output can be programmed to either:

- Follow the status of the alarm siren time or the fire alarm setting
- Follow the armed / disarmed status of the keypad.

Connect a relay or other interface device to this open collector output for activation of ancillary devices. The behavior of this output can also be inverted. Refer to the General Options (see page 17) for details on PGM programming.



2.7 Slave Network

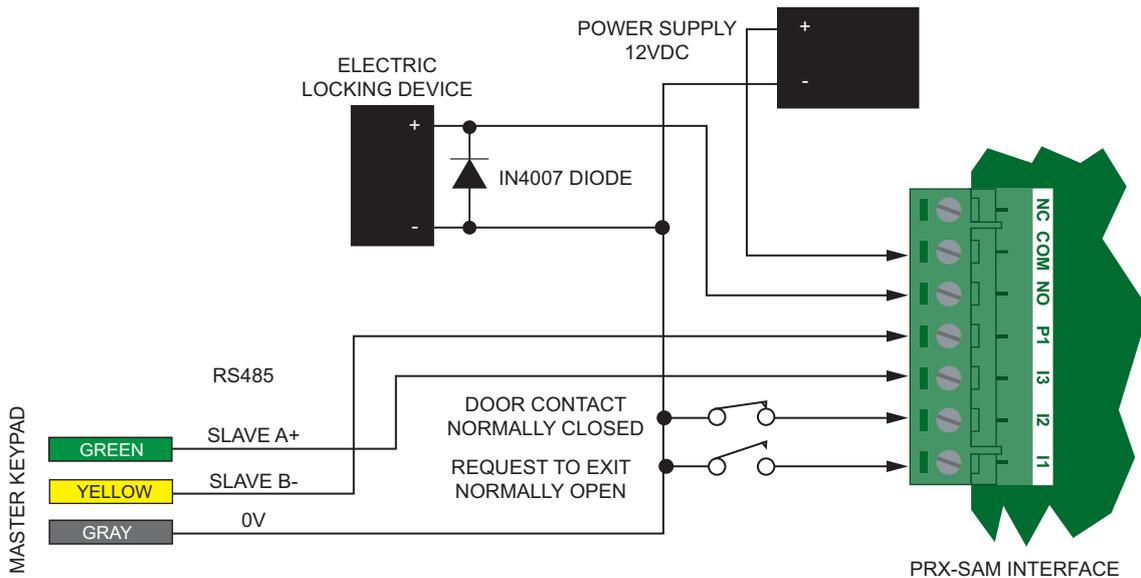
The EliteSuite Keypad can control a slave network of up to 3 other EliteSuite Keypads in slave mode along with up to 4 proximity card reader devices from the following range:

- PRX-NANO Nano Prox Card Reader
- PRX-VARIO Vario Prox Card Reader

The devices must all be connected to the Slave 485 network connections of the master keypad in a daisy chain configuration.

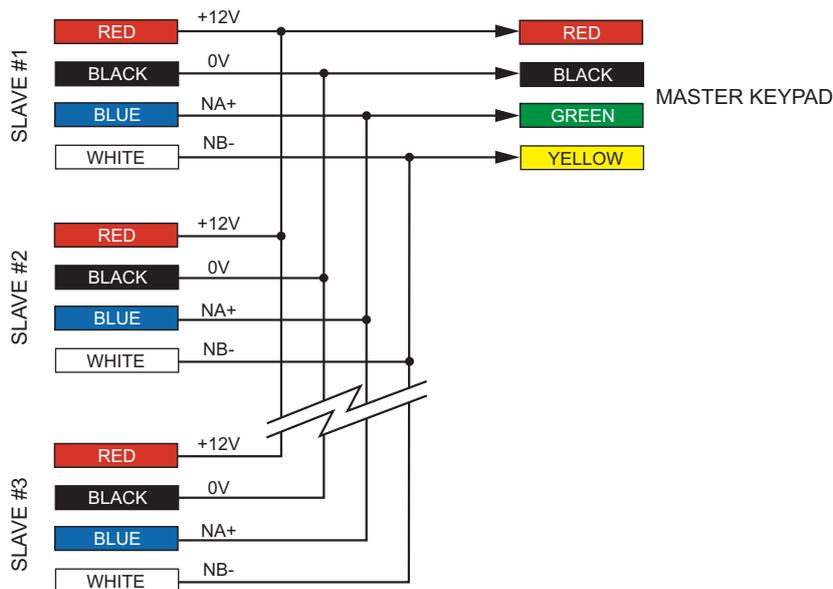
Refer to the Device Options (see page 12) for details on configuring the keypad to operate in slave mode.

Each slave reader device communicates with the keypad via a PRX-SAM Standalone Module. This module also allows control of an electronic lock device with the onboard relay:



Slave Reader Network Wiring To PRX-SAM Module

Each slave keypad device communicates with the master keypad via connection of their primary network lines to the secondary network lines of the master keypad:



Slave Keypad Wiring to Master Keypad

3 Device Configuration

Before the keypad can communicate it must be assigned an address and various options need to be programmed to determine how the system will operate.

Apply power to the keypad and as soon as the version information is displayed, press the [CLEAR] key.

When prompted, press [ENTER] to setup the keypad. A configuration menu is displayed.

```
*Setup Menu*
1. Address
```

Use the up and down keys to scroll the available options, and press [ENTER] to select an item.



The configuration menu can only be accessed when the keypad powers up. It cannot be accessed once the keypad is operational.

3.1 Address Selection (Device Config Menu 1)

The address selection sets the address of the EliteSuite Keypad. This address must be a unique address in the system and be between 1 to 250.

```
Enter device
address: 256
```

Use the numerical keys 0 to 9 to program the address then press [ENTER] to save the setting. To exit without making changes press the [MENU] key.

3.2 Device Options (Device Config Menu 2)

The device options set the mode of operation of the EliteSuite keypad. To toggle options press the keys [1] to [8]. The letter 'Y' is displayed when the option is on. Press the [ENTER] key to save the options.

```
Device Options
[-Y-----]
```

Option 1 – Slave Keypad

If this option is used, be sure to address the keypad as slave 1, 2, 3 or 4.

- Enabled Slave mode is entered on start up
- Disabled Master mode is entered on start up

Option 2 – Device Tamper

- Enabled the Device tamper switch is monitored.
- Disabled the Device tamper switch is not monitored.

Option 3 to 8 – Reserved

- Reserved

Enabling/disabling or modifying the settings of reserved options is not recommended.

3.3 Display Brightness (Device Config Menu 3)

The brightness setting adjusts the LCD display.

```
Brightness
[***** ]
```

Use the left and right arrow keys to adjust the brightness and press [ENTER] to save the setting. To exit without making changes, press the [MENU] key.

3.4 Version Info (Device Config Menu 4)

The version menu displays the current version and build information of the keypad:

```
EliteSuite
LCD Keypad v1.00
```

The display automatically scrolls to show the next screen before returning to the setup menu.

```
Built 13:59:15
on Nov 10 2015
```

3.5 Device Default (Device Config Menu 5)

To restore the EliteSuite Keypad to factory configuration, select the default menu option. This resets all programming to the default settings.

```
Press [ENTER] to
default keypad
```

Press the [ENTER] key to default the keypad. To exit without defaulting the keypad press the [MENU] key.

4 Local Installer Login

The default local installer code is 0000. To access the local installation menu press the [ENTER] key followed by [0000].

Use the [UP] or [DOWN] keys to scroll through the available options. Press [ENTER] or the menu number to select a menu item.

If a module update has been performed on the system controller and the user code at system controller user location 3 (UN00003) has been changed, the code that is entered in this setting is now the local installer code. This code is programmed system wide when an update is performed.



You cannot access the installer menu if the system is armed. Disarm the system before attempting to login with the installer code.

It is recommended that all installer modifications are completed and downloaded using the Protege System. Ensure a module update command is executed when modifications are being made.

5 Timing (Menu 1)

5.1 Entry Delay Timer (Menu 1, 1)

Setting an entry delay time allows users time to disarm the system before an alarm is generated.

The Entry Delay Timer should be programmed between 0 to 255 seconds (default is 30 seconds). Setting the entry delay timer to 0 will result in no entry delay operation for any zone that is assigned the entry delay zone type.

```
Entry delay
time: 030 secs
```

The cursor will flash on the digit you are currently modifying. Entering a number or pressing the [LEFT] or [RIGHT] keys will move the cursor to another digit.

5.2 Exit Delay Timer (Menu 1, 2)

Setting an exit delay time allows users to exit the area once the arming of the system has begun without triggering an alarm.

The Exit Delay Timer should be programmed between 0 to 255 seconds (default is 30 seconds). Setting the exit delay timer to 0 will result in the system arming instantly.

```
Exit delay
time: 030 secs
```

The cursor will flash on the digit you are currently modifying. Entering a number or pressing the [LEFT] or [RIGHT] keys will move the cursor to another digit.

5.3 Alarm/Siren (Menu 1, 3)

The Alarm Siren Timer determines how long the bell/siren output will remain activated before timing out.

The siren time should be programmed between 0 to 250 minutes (default is 4 minutes). Programming a siren time of 0 will result in the bell/siren not being activated.

```
Alarm siren
time: 004 mins
```

The cursor will flash on the digit you are currently modifying. Entering a number or pressing the [LEFT] or [RIGHT] keys will move the cursor to another digit.

5.4 Reader Pre-Alarm Timer (Menu 1, 4)

The Reader Pre-Alarm Timer should be programmed between 5 to 255 seconds (default is 30 Seconds). This is only used when the Reader Slave Network is enabled.

The minimum Pre-Alarm Time is 5 seconds. If a value lower than 5 seconds is entered, it is automatically increased to 5 seconds to ensure correct reader operation.

```
Reader Pre-Alarm  
time: 030 secs
```

The cursor will flash on the digit you are currently modifying. Entering a number or pressing the [LEFT] or [RIGHT] keys will move the cursor to another digit.

5.5 Reader Left Open Timer (Menu 1, 5)

The Reader Left Open Timer should be programmed between 5 to 255 seconds (default is 45 Seconds). This is only used when the Reader Slave Network is enabled.

The minimum Left Open Time is 5 seconds. If a value lower than 5 seconds is entered, it is automatically increased to 5 seconds to ensure correct reader operation.

```
Reader Left Open  
time: 045 secs
```

The cursor will flash on the digit you are currently modifying. Entering a number or pressing the [LEFT] or [RIGHT] keys will move the cursor to another digit.

6 Options (Menu 2)

6.1 General Options (Menu 2, 1)

The general options define the settings that relate to the general operation of the EliteSuite keypad.

Press the [1] and [2] keys to toggle an option on or off. Press the [ENTER] key to save the options. Use the [UP] or [DOWN] keys to scroll through the available options.

Option 1 - Zone Type Option 1

If duplex zone (Option 2) is not enabled then Option 1 will set the zone input configuration (EOL or NO EOL). EOL requires the use of 2 X 1K resistors to provide, Short, Alarm, Closed and Tamper Monitoring. NO EOL provides Alarm and Closed monitoring.

Non-Duplex Zone
EOL enabled: N

- Enabled EOL resistors are used (2R Mode) (2 Zones).
- Disabled NO EOL resistors are used (2 Zones).

Option 2 - Duplex Zone Operation

If Option 2 is set Option 1 does not have any function. When option 2 is set the zones will use a 1K and 2K4 resistor and provide monitoring for 2 zones.

Duplex Zone
Mode enabled: N

- Enabled Duplex Zone Mode (4 Zones).
- Disabled Option 1 sets the zone configuration.

Option 3 - Beep On Trouble Condition

Beep on Trouble
Condition: Y

- Enabled the beeper will emit 4 beeps every 5 minutes if a trouble condition is present, to silence the trouble beep, view the trouble condition.
- Disabled no trouble beep will be generated.

Option 4 - Device Power Up Disarmed

Disarmed on
Power up: N

- Enabled the system will power up disarmed regardless of the system status at the time power was lost.
- Disabled the system will power up in an exit delay condition if the power to the EliteSuite device was turned off during an exit delay cycle or if the system was in alarm or armed.

Option 5 – Smoke Reset PGM

Smoke Reset
PGM Enabled: N

- Enabled the PGM Output will be activated for 5 Seconds after the CLEAR and ENTER keys are held down simultaneously for 3 seconds.
- Disabled holding down the CLEAR and ENTER keys simultaneously has no effect on the PGM output.

Option 6 – PGM Output Follows Alarm Status

PGM Follows
Alarm Status: Y

- Enabled the PGM Output will be enabled with the alarm siren time activation or fire alarm activation.
- Disabled the PGM Output will not change state regardless of the alarm status.

Option 7 – PGM Output Follows Area Status

PGM Follows
Area Status: N

- Enabled the PGM Output will be enabled when the EliteSuite system is armed, and disabled when the system is disarmed.
- Disabled the PGM Output will not change state regardless of the area status.

Option 8 – PGM Output Inversion

PGM Output
Inverted: N

- Enabled the PGM Output will follow the operation programmed by options 6 and 7, but the output will be opposite to the behavior described in those functions.
- Disabled the PGM Output will follow the programmed output behavior of options 6 and 7.

6.2 Display Options (Menu 2, 2)

The Display Options set functions that relate to the display of information on the EliteSuite keypad.

Press the [1] and [2] keys to toggle an option on or off. Press the [ENTER] key to save the options. Use the [UP] or [DOWN] keys to scroll through the available options.



Changes to the Display Options require the keypad to be restarted before the changes take effect.

Option 1 - Show Zone(s) Open

**Show Open Zone
Messages: N**

- Enabled the display will show the messages Zone(s) Open in place of the time when a zone is open or not secure.
- Disabled the time will always be shown when the suite name is displayed.

Option 2 - Show 24HR Time

**24HR Time
Formatting: N**

- Enabled the display will show the time in 24HR military format.
- Disabled the time will be shown in standard 12HR am/pm format.

Option 3, 4, 5, 6, 7 and 8 - Reserved

- Reserved.

Enabling/disabling or modifying the settings of reserved options is not recommended.

6.3 Arming Options (Menu 2, 3)

The Arming Options set functions that relate to the arming of the EliteSuite system.

Press the [1] and [2] keys to toggle an option on or off. Press the [ENTER] key to save the options. Use the [UP] or [DOWN] keys to scroll through the available options.

Option 1 - Allow Fast Regular Arming

**Fast Arming
Enabled: Y**

- Enabled the system can be FAST ARMED by pressing and holding the closed padlock key.
- Disabled FAST ARMING is disabled.

Option 2 - Allow Fast Stay Arming

**Fast Stay Arming
Enabled: Y**

- Enabled the system can be FAST STAY by pressing and holding the [STAY] key.
- Disabled FAST STAY arming is disabled.

Option 3 - Allow Instant Arming During Stay Exit Delay

**Instant Stay Arm
Enabled: Y**

- Enabled the system will allow the stay key to be pressed and held during the exit delay of a stay arming cycle to allow the stay arming to be changed to an instant stay arm.
- Disabled pressing the stay key during the stay exit delay will have no function.

Option 4 - Allow Fast Force Arming

**Fast Force Arm
Enabled: Y**

- Enabled the system can be FAST FORCE armed by pressing and holding the [FORCE] key.
- Disabled FAST FORCE arming is disabled.

Option 5, 6, 7 and 8 - Reserved

- Reserved.

Enabling/disabling or modifying the settings of reserved options is not recommended.

6.4 Reporting Options (Menu 2, 4)

The Reporting Options are a set of functions that relate to the reporting of information to the onsite monitoring application or offsite central station. The system can further be configured for each reportable event to go to monitoring station and the local onsite monitoring.

Press the [1] and [2] keys to toggle an option on or off. Press the [ENTER] key to save the options. Use the [UP] or [DOWN] keys to scroll through the available options.

Option 1 - Report Arming and Disarming

**Report Arming
and Disarming: Y**

- Enabled the EliteSuite keypad will send a message to the system controller when the system is armed or disarmed. If this option is disabled the current status of the EliteSuite keypad will not be valid. It is recommended this and the Report Alarm options are always enabled.
- Disabled no message will be sent.

Option 2 - Report Alarms (Fire and Normal)

**Report All
Alarm Events: Y**

- Enabled the EliteSuite keypad will send a message when an alarm occurs on the EliteSuite system. This also enables the sending of the alarm silenced and alarm timed out messages.
- Disabled no message will be sent for an alarm event.

Option 3 - Report Zone Bypass

**Report Zone
Bypassing: N**

- Enabled the system will report when the EliteSuite system is armed with zones that have been bypassed.
- Disabled no message will be sent when the user arms the system with zone(s) bypassed.

Option 4 - Report Zone Fault

**Report Zone
Faults: N**

- Enabled the system will report any zone fault trouble condition to the system controller. This will not indicate the zone that has the fault as this will be shown on the local keypad and in the trouble view menu.
- Disabled no zone fault message will be sent.

Option 5 - Report User Menu Access

**Report User Menu
Access: N**

- Enabled the system will report when the master user has accessed the main menu.
- Disabled no message will be sent when the master access's the main menu.

Option 6 - Report Local Installer Access

**Report Installer
Local Login: N**

- Enabled the system will report when the local installer code is used to gain access to the local installation options.
- Disabled no message will be sent when the installer access's the installer menu.

Option 7 - Report Extended Information

**Report Extended
System Info: N**

- Enabled the system will report extended information such as the device tamper and fire loop trouble conditions. These conditions do not generate an alarm in the system locally but can be used to generate an event at the local monitoring or remote monitoring center alerting the operator to a potential problem.
- Disabled no message will be sent when the extended functions are triggered.

Option 8 - Reserved

- Reserved.

Enabling/disabling or modifying the settings of reserved options is not recommended.

6.5 Panic Options (Menu 2, 5)

The Panic Options set functions that relate to the panic processing of the EliteSuite system.

Press the [1] and [2] keys to toggle an option on or off. Press the [ENTER] key to save the options. Use the [UP] or [DOWN] keys to scroll through the available options.

Option 1 - 1+3 Silent Panic

**1+3 Silent Panic
Enabled: N**

- Enabled the system will send a silent panic alarm to the front desk when the 1+3 keys are held for a period of 2 seconds. No message will be displayed on the screen or alarm generated.
- Disabled the 1+3 will not cause any alarm.

Option 2 - 4+6 Medical Alarm

**4+6 Medic Alarm
Enabled: N**

- Enabled the system will send a medical panic alarm to the front desk when the 4+6 keys are held for a period of 2 seconds. No message will be displayed on the screen or alarm generated.
- Disabled the 4+6 keys will not cause any alarm.

Option 3 - 7+9 Fire Alarm

**7+9 Fire Alarm
Enabled: N**

- Enabled the system will generate a local fire alarm on the EliteSuite keypad and also alert the central station and on site monitoring.
- Disabled the 7+9 keys will not cause any alarm.

Option 4 - User 8 Duress Code Enabled

**User 8 Duress
Enabled: N**

- Enabled the system will enable user code 8 to be a duress code user and on login will send a duress code to the central station or on site monitoring system.
- Disabled user code 8 will operate as a standard user.

Option 5, 6, 7 and 8 - Reserved

- Reserved.

Enabling/disabling or modifying the settings of reserved options is not recommended.

7 Zones (Menu 3)

7.1 Selecting a Zone

Use the [UP] and [DOWN] keys to scroll through the available zones. To select the zone shown, press the [ENTER] key.

```
Select zone to  
modify [01]
```

7.2 Zone Name

Once a zone has been selected, the Zone Name is displayed.

```
Zone Name  
Zone 1
```

The cursor will flash on the first character. Use the numerical keys to program the text value the same way you would enter text on a mobile phone.

To clear the text display press the [FORCE] key. To move the cursor, use the [LEFT] and [RIGHT] keys. To move to the next screen, press [ENTER].

7.3 Zone Type

The Zone Type configuration sets how the zone will function within the system.

```
Zone Type  
Delay
```

Use the [UP] and [DOWN] key to select the zone type. To disable the zone and remove it from the ready display, select the Disabled Option. To move to the next screen, press [ENTER].

Zone Types

Disabled	Zone is disabled, does not function in the system.
Delay	Zone will have an entry delay when a user enters.
Follow	Zone will not cause an alarm if the entry delay has started otherwise the zone will be an instant zone. Use this to set the zone type for a motion detector that is located in an entrance area.
Instant	Zone will cause an alarm immediately.
24HR	Zone will always cause an alarm immediately.
Fire	Zone is a fire zone and will generate an instant alarm.
Fire Delay	Zone is a delayed fire zone and will generate the fire delay beeping and require the user to follow the delay fire zone procedures to prevent a full fire alarm from being activated.

7.4 Zone Options

The Zone Options set functions that relate to the operation of bypassing, force arming and stay arming.

Press the [1] and [2] keys to toggle an option on or off. Press the [ENTER] key to save the options. Use the [UP] or [DOWN] keys to scroll through the available options.

Option 1 - Bypass Allowed

```
Zone Bypassing
Enabled: Y
```

- Enabled the zone can be bypassed. A fire zone can never be bypassed regardless of the bypass setting.
- Disabled zone cannot be bypassed.

Option 2 - Stay Zone

```
Zone is a Stay
Zone: Y
```

- Enabled the zone is set as a stay zone. When the system is armed in stay mode this zone will not generate an alarm.
- Disabled the zone is not a stay zone.

Option 3 - Force Zone

```
Force Arming on
Zone Allowed: Y
```

- Enabled the zone can be force armed when it is not ready to be armed. A force armed zone will automatically be included in the alarm processing when the zone restores from the not ready condition.
- Disabled the zone is not able to be force armed.

Option 4, 5, 6, 7 and 8 - Reserved

- Reserved.

Enabling/disabling or modifying the settings of reserved options is not recommended.

8 Contact

Integrated Control Technology welcomes all feedback.

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

Integrated Control Technology

P.O. Box 302-340
North Harbour Post Centre
Auckland
New Zealand

4 John Glenn Ave
Rosedale
North Shore City 0632
Auckland
New Zealand

Phone: +64-9-476-7124

Toll Free Numbers:

0800 ICT 111 (0800 428 111) - New Zealand

1800 ICT 111 (1800 428 111) - Australia

1855 ICT 9111 (1855 428 9111) - USA/Canada

Email: sales@incontrol.co.nz or support@incontrol.co.nz

Web: www.ict.co

NEW ZEALAND

Integrated Control Technology Limited
4 John Glenn Avenue, Rosedale, Auckland 0632
PO Box 302-340, North Harbour, Auckland 0751, New Zealand
Email: sales@incontrol.co.nz Toll Free: (0800) 428 111 Phone: 64 (9) 476 7124

USA

Integrated Control Technology (USA) LLC.
5265 S Rio Grande Street, Suite 201, Littleton, CO 80120
Email: ussales@incontrol.co.nz Toll Free: (855) 428 9111 Phone: 720 442 0767

Designers & manufacturers of integrated electronic access control, security and automation products.

Designed & manufactured by Integrated Control Technology Ltd.

Copyright © Integrated Control Technology Limited 2003-2016. All rights reserved.

Disclaimer: Whilst every effort has been made to ensure accuracy in the representation of these products, neither Integrated Control Technology Ltd nor its employees, shall be liable under any circumstances to any party in respect of decisions or actions they may make as a result of using this information. In accordance with the Integrated Control Technology policy of enhanced development, design and specifications are subject to change without notice