

## The Galaxy TouchCenter Keypad

### General

The Galaxy TouchCenter Keypad connects to the RS485 data bus of the Galaxy Dimension Series panels. The TouchCenter combines a clear graphical display with simple touch-screen control, providing an easy user interface.

### Keypad Installation Procedure

1. Remove the mounting plate from the keypad by pushing it towards the bottom of the keypad.
2. Locate the mounting plate over the mounting surface such that the opening of the mounting plate is aligned with the cable.
3. Pass the cable through the opening of the mounting plate.
4. Secure the mounting plate to the mounting surface using the four screws supplied.
5. Connect the wires to the keypad terminals as per the following table:

| Panel | Keypad |
|-------|--------|
| A     | G      |
| B     | Y      |
| GND   | -      |
| +12V  | +      |

**Table 1. Keypad Connections**

6. Mount the Graphics Keypad to the mounting plate by locating the four elongated holes over the locations on the mounting plate and pushing down until it snaps into position.

### Configuring the keypad


To configure a new keypad as follows;

#### 1 – Set an Address

On first power up, the keypad will immediately prompt for a bus address. This should be any valid keypad address that is not shared with any other keypad on the same RS485 (AB) Line. The default address is usually acceptable.

Or

If the address has previously been set and the address prompt does not appear, re-power the keypad and within five seconds of power up, press the Console mode

button  then press the **ent** button to change the address

#### 2 – Register with the Control Panel

Once the address has been selected, the control panel must be repowered or, if another keypad is already configured, exit from Engineer mode and the new keypad will be registered.

The Home Page will be displayed and the keypad is ready to use.

**NOTE:** Refer to the control panel literature for valid addresses. One TouchCenter keypad can be fitted to each Galaxy RS485 line.



Homepage Screen

## Setup Menu

The TouchCenter keypad has a number of configuration settings which are set up directly within the keypad. To access these settings, the keypad must be in communication with Galaxy Panel. The panel must be in engineer's mode. Proceed as follows:

1. From the home screen press the **SECURITY** button and then enter the Authorisation code. This is the Engineer PIN of the control panel. The Security screen is displayed.
2. Press the **MORE CHOICES** button to enter the More Choices screen.
3. Press the **SETUP** button to enter the Setup screen.
4. Press the **ADVANCED SETUP** button.

From this screen, the following options are available;

### Self Diagnostics

A series of diagnostic tests are provided that allows verification of correct operation of the Graphics keypad and its connection to the Galaxy system. There are three diagnostic tests:

- LCD Display Test
- Audio Test
- LED Test

### Address

This allows the RS485 address to be changed. A change to this will require reconfiguration of the keypad with the control panel.

## Keypad Operation

For general operation, refer to the on-screen information and to the separate user's guide.

For programming of the control panel, all options can be accessed via the virtual terminal mode, which emulates a standard installer keypad. To access the terminal mode, press the terminal keypad icon in the lower left corner of the Home Page.

## Specifications

### Mechanical

Dimensions:  
Width: 182 mm  
Height: 128 mm  
Depth: 34 mm  
Weight: 500g (approx)

### Electrical

Operating Voltage: 10.5 to 14 V DC  
Current Drain:  
Backlight OFF, Sound ON: 105mA  
Backlight ON, Sound OFF 341mA  
Backlight ON, Sound ON: 410mA

### Note:

It is advisable to ensure that sufficient power is available for the TouchCenter keypad. A local power supply may be required.

### Compliance

This product is suitable for use in systems compliant to EN50131-1: 2006, EN50133-1 and PD6662.

This product has been tested for compliance to EN50131-3 and EN50133-3 by CNPP.

**Security Grade:** 3  
**Environmental class:** II