



**THANK YOU FOR VOTING TEXECOM**

# **INSTALLATION MANUAL**

*Premier LCD*

*Premier LCDL*

## **Remote Keypads**

**Issue 3**



**Texecom**  
[www.texecom.com](http://www.texecom.com)

# 1. Installation

The *Premier LCD* and *LCDL* keypads are only compatible with the *Premier* range of control panels.

Any combination of *Premier LCD* and *LCDL* keypads can be used. Keypads can be connected serially (daisy chain), in parallel (star) or any combination of the two.

## Mounting

Open the keypad by carefully inserting a small flat-blade screwdriver into each slot at the base of the unit. Gently push the screwdriver to ease the retaining clips upward, **DO NOT LEVER OR TWIST**. Excessive force is **NOT** required. The front flap and front cover can now be removed.

Mount the keypad using at least two appropriate countersunk screws (no larger than No. 8). A keyhole slot has been provided to assist mounting and aid levelling.

## Wiring

It is strongly recommended that the system is completely powered down (mains and battery) before wiring a keypad. Connect the keypad to the control panel using 4-core cable as follows:

Keypad	Control Panel	Description
+	+	+12V Supply
-	-	0V Supply
T	T	Transmit Data
R	R	Receive Data

The networks are made up of four terminals incorporating power and data. To ensure correct operation, all four terminals on the device must be connected to the corresponding terminals on the control panel or previous device.

Keypads can be connected using 4-core cable. However, it is recommended that 6 or 8-core cable is used as the spare cores can be used to 'Double Up' on the power connections if needed.



Standard 7/0.2 alarm cable can be used for most installations. However, under certain conditions it may be necessary to use screened cable.

## Selecting an Address

Each keypad must be assigned a different address using the DIL switches located on the left hand side of the PCB. The table below shows the keypad addressing:

Address	DIL 1	DIL 2	DIL 3	DIL 4	
1	On or Off	Off	Off	Off	
2	Off	On	Off	Off	
3	Off	Off	On	Off	
4	Off	Off	Off	On	
5	On	Off	Off	On	
6	Off	On	Off	On	
7	Off	Off	On	On	
8	On	Off	On	On	
Engineers	On	On	On	On	



Never set two keypads on the same network to the same address.

Keypads are factory set to address 1.

## Wiring Zones

Please refer to the Control panel Installation Manual for details on wiring, programming and testing the zones.

## Wiring the Output

Please refer to the Control panel Installation Manual for details on wiring, programming and testing the outputs.

## Wiring Loudspeakers (LCDL Only)

Only the *Premier LCDL* has an output that can be used to drive loudspeakers. Please refer to the Control panel Installation Manual for details on wiring, volume adjustment and testing the loudspeaker.

## 2. Specifications

### Electrical

<b>Operating Voltage</b>	10 - 13.7V <sub>DC</sub>
<b>Current Consumption</b>	<85mA
<b>Network</b>	4-wire standard 7/0.2 alarm cable up to 250m. Star, Daisy Chain or any combination.
<b>Zones</b>	2
<b>Output</b>	100mA switched to 0V
<b>Back Lighting</b>	Fully Adjustable
<b>Speaker Output (LCDL Only)</b>	Minimum Load 8Ω (programmable volume)
<b>Operating Temperature</b>	-10°C (+14°F) to +50°C (+122°F)
<b>Storage Temperature</b>	-20°C (-4°F) to +60°C (+140°F)
<b>Maximum Humidity</b>	95% non-condensing
<b>EMC Environment</b>	Residential, Commercial, Light Industrial or Industrial

### Standards

Conforms to European Union (EU) Electro-Magnetic Compatibility (EMC) Directive 89/336/EEC (amended by 92/31/EEC and 93/68/EEC).

The CE mark indicates that this product complies with the European requirements for safety, health, environmental and customer protection.

### Warranty

All Texecom products are designed for reliable, trouble-free operation. Quality is carefully monitored by extensive computerised testing. As a result the *Premier LCD* and *LCDL* keypads are covered by a two-year warranty against defects in material or workmanship.

As the *Premier LCD* and *LCDL* keypads are not a complete alarm system but only a part thereof, Texecom cannot accept responsibility or liability for any damages whatsoever based on a claim that the *Premier LCD* or *LCDL* failed to function correctly. Due to our policy of continuous improvement Texecom reserve the right to change specification without prior notice.

*Premier* is a trademark of Texecom Ltd.

© TEXECOM LTD. 2001 - 2002