

# EC-LCD

## Eclipse LCD Remote Keypad



## Installation Instructions

### 1. Introduction

The *EC-LCD* remote keypad features a 2 x 20 character blue display for showing all zone status and system fault messages. A set of dedicated system status LEDs for AC, Trouble and Alert are also provided.

Other features include:

- ▶ 4-wire connection using standard 4-core alarm cable
- ▶ Internal sounder
- ▶ Backlit keyboard

### 2. Installation

Choose a suitable mounting location for the unit, which meets the following:

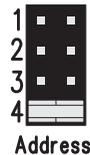
- ▶ Easy access to the remote keypad during entry and exit from the premises
- ▶ Suitable for easy cable access
- ▶ A flat and even mounting surface

Four fixing holes are provided for mounting. It is recommended that all four fixing points are used for maximum security.

1. Remove the screw from the front cover and separate the cover from the remote keypad back box.
2. The PCB should be removed by gently prising the two retaining clips away from the PCB. Store the PCB in a safe place.
3. Hold the back box in its required location and mark the fixing holes. Drill and plug the holes.
4. Route the cable through into the back box via one of the cable entries and secure the back box in position using suitable fixing screws.
5. Connect the remote keypad terminals as shown below:

Terminal	Control Panel
0V:	Network -
+12V	Network +
R	Network R
D	Network D

6. Each remote keypad must have a unique address on the system. The address is set by simply moving the address "Jumper Link" to the required position (1 to 4):



7. Refit the PCB into the back box and replace cover and screw.
8. Apply power to the system and check that the remote keypad responds correctly.

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### 3. Specifications

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#### Electrical

Voltage: 9 – 16VDC.  
Current: 20mA quiescent.  
30mA when active.

#### Environmental

Operating Temp.: -25 °C to +55 °C (-13 °F to +131 °F).

Storage Temp.: -25 °C to +60 °C (-13 °F to +140 °F).

Max. Humidity: 95% non-condensing.

EMC: Residential, commercial and light industrial.



Do not throw away the product with the normal household waste at the end of its life, but hand it in at an official collection point for recycling.

#### Physical

Dimensions: 102.0mm x 130.0mm x 27.0mm.

Housing: 3mm Polycarbonate.

Packed Weight: 225g.

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### 4. Standards

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#### Safety

Conforms to European Union (EU) Low Voltage Directive (LVD) 2006/95/EC.

#### EMC

Conforms to European Union (EU) Electro-Magnetic Compatibility (EMC) Directive 2004/108/EC.

#### Security

Conforms to EN 50131-1 and EN 50131-3 Grade 2, Environmental Class IV.



The CE mark indicates that the *EC-LCD* remote keypad complies with the European requirements for safety, health, environment and customer protection.

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### 5. Warranty

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Zeta Alarm Systems by GLT Exports Ltd products are carefully designed to provide reliable problem-free operation. Product quality is carefully controlled during all manufacturing processes. The *EC-LCD* is covered against defects in material or faulty workmanship for a period of 2 years from the date of purchase. Due to our policy of continuous product improvement, Zeta Alarm Systems by GLT Exports Ltd reserves the right to change specification without prior notice.

As the *EC-LCD* is not a complete intruder alarm systems, but only part of it, Zeta Alarm Systems by GLT Exports Ltd does not accept responsibility or liability for any damages whatsoever based on any claim that the unit failed to function correctly.



#### Technical Support

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