



ProxiPad

The through-glass keypad from Coastform Systems

Quick Start

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Installation

The ProxiPad system adjusts itself to the environment, so installation is largely a matter of sticking the keypad firmly to a suitable surface, sandwiched with the legend. In general the button legend will either be between the keypad and the mounting surface, or it will be on the outside of the mounting surface.

It is recommended that you read the **Installation** section in the **User Guide** to avoid the pitfalls, but the following is a summary:

- Any insulating material can be used for the legend. If the mounting surface is transparent, then the legend can be mounted between the surface and the ProxiPad keypad. Otherwise you will have to mount the legend on the outside, taking care to consider wear and vandalism.
- The mounting surface should be flat, non-conductive, and free from air gaps. If this is not the case, consult the **User Guide**. The mounting surface may be several millimetres thick.
- The surface must be clean, dry, and dust free. It is recommended that all surfaces to be bonded are cleaned with a suitable solvent (eg methylated spirits) using a lint-free cloth.
- The use of a single piece of double-sided adhesive film that covers the entire surface uniformly is recommended for bonding. Whatever method of bonding is chosen, it is imperative that there are no air bubbles.
- If the keypad and electronics module are connected using a flat cable (supplied), this must be plugged in correctly. One end of the connector on each board is labelled with a small **1**. This must be adjacent to the red stripe on the cable.
- Next plug the power and serial communications leads into the ProxiPad system. Plug the serial communications lead into the display system, which should be in its intended position.
- As far as possible, ensure all leads are held in position using, for example, cable clips, adhesive, or tape.
- Ensure that unrelated objects (such as curtains) are not allowed to move around in the immediate vicinity of the ProxiPad system.
- Apply power to the system, waiting a few seconds before approaching the keypad. In most cases the system will now just work, transmitting key-press codes via the serial communications lead to the display system. If the system does not work as desired, consult the **User Guide**.

Operation

All being well, as keys are touched, a properly installed ProxiPad system will send key codes via the RS232 interface within seconds of being powered up. The way it does this is adjustable, using various methods as follows:

To use plain text commands, see the sections **Command Interface** and **Command Mode Commands** in the **User Guide**.

To use binary commands, see the sections **Command Interface** and **Pass-Through Mode Commands** in the **User Guide**.

To use a graphical user interface, see the section on the **ButtonView** application in the **User Guide**.