Remote Keypad Installation Instructions

Introduction

There are four types of remote keypads that may be connected on the Networker range of control panels, the table below shows the compatibility for each type of remote keypad.

Panel	TS700.ARM	TS700.REM	TS790.STAR	TS900.REM
TS690R	✔	✗	✔	✗
TS690	✔	✔	✔	✔
TS690ID	✔	✔	✔	✔
TS700	✔	✔	✔	✗
TS790	✔	✔	✔	✔
TS900	✔	✔	✔	✔
TS2500	✔	✔	✔	✔

PCB Layouts & Connections

❶ Tamper Switch
Remote Keypad case tamper.

❷ Remote I/D
Used to select the remote keypads address. (ENG = ID 5 when used on TS2500)

❸ Ward Sounder Control
If this jumper link is set to the "disabled" position the remote keypad sounder follows the control panel speaker output. If the jumper link is set to the "enabled" position the remote keypad sounder will only activate when the panel speaker is active and the remote keypad programmable output is active. This feature can be used on the TS790, TS900 and TS2500 to make remote keypad sounder ward respective.

❹ Network Connections & O/P
The terminals A-E are used to connect the remote keypad to the control panel network. The O/P terminal is the programmable output. For details on programming this output, refer to the relevant panel Installation Manual.

❺ ENT key Disable
If the "ENT" key is enabled the remote keypad can be used to set/unset and access all user menus. If the "ENT" key is disabled the remote keypad can only be used to set and unset the system.

❻ Detection Circuits
Each remote keypad has two programmable detection circuits. For details on programming these circuits, refer to the relevant panel Installation Manual.

TS700 Arming Station PCB Layout

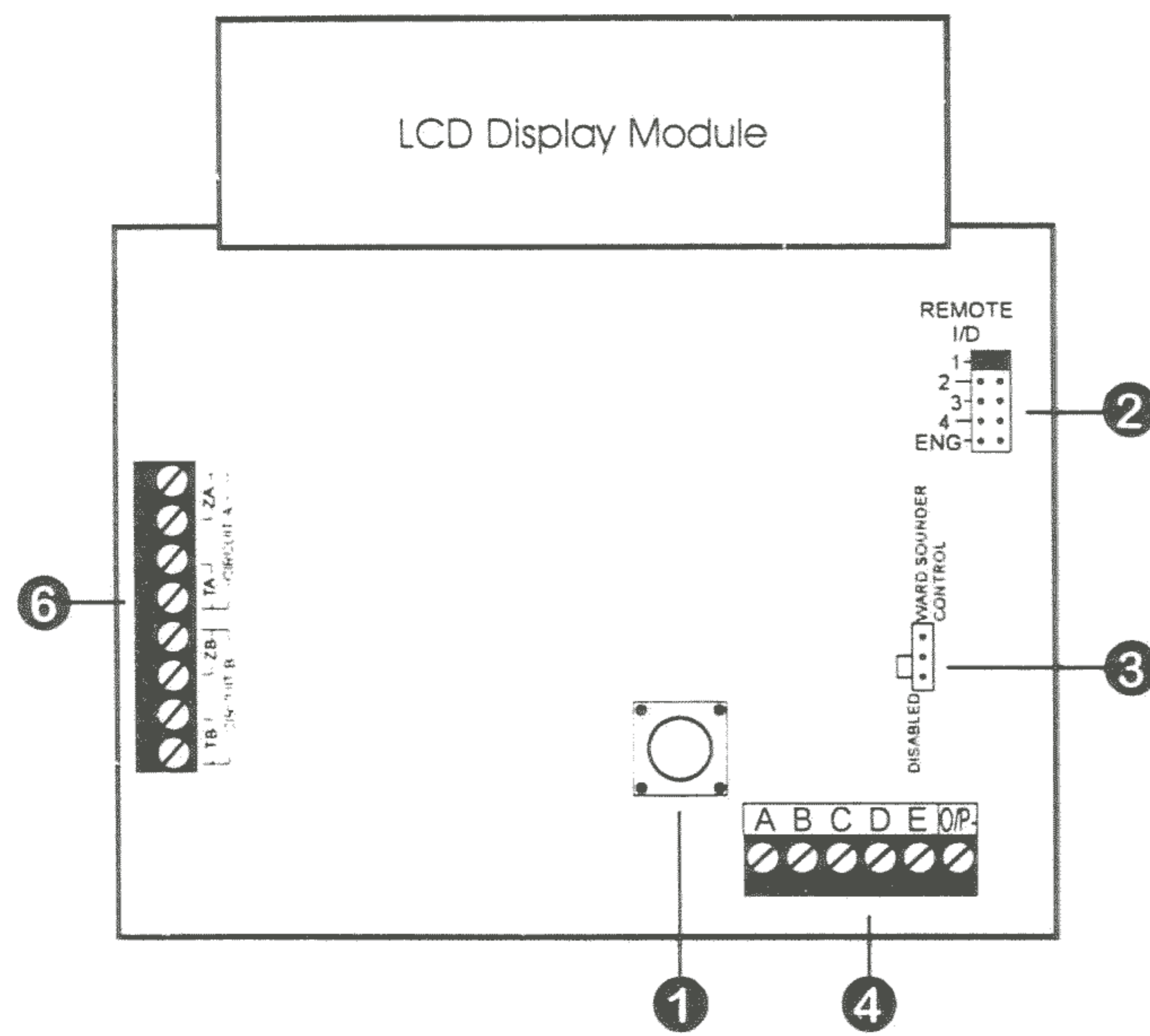

TS700 LED PCB Layout

TS790 Starburst PCB Layout

TS900 LCD PCB Layout

Installation

Always ensure that all power (mains and battery) is removed before making any connections to the Remote Keypad.

1. Separate the cover and base by using a screwdriver to push 2 of the clips (top or bottom) inward from the base indents, then lift the cover assembly, noting that the PCB is connected to the under side of the cover.

2. Hold the base in position (keyhole to the top) and mark the three securing holes, drill and plug the wall as required. Pass all cables into the base via the cable entry points as appropriate and secure the base to the wall.

3. Connect 'Remote Network' cables to the appropriate terminals A-E.

4. Connect detection circuit cables to the appropriate terminals.

5. Set the I/D selector jumper link to the required position, remembering that no two devices should have the same I/D.

6. Clip the Remote Keypad cover onto the base being careful not to trap any cables or to obstruct the tamper switch.

7. Re-apply the power and refer to "Program Circuits" and "Panel Outputs" within the relevant Installation and Programming Manual.

Remote Keypad Connections

Remote keypads require a 6 core cable for connection to the control panel. They can be connected in a "star" or "daisy-chain" configuration. The distance to the furthest device from the control panel must not exceed 100 metres. Power for detectors are provided by the A & B terminals. The spare core can be used to double up the B connection to help reduce voltage drop on the network.