Teletek LED 32

Teletek LED 32 Keypad User Manual

Model: LED 32

1. INTRODUCTION

The Teletek LED 32 Keypad is an essential component of the ECLIPSE 32 alarm system, designed to provide clear visual indication of zones, troubles, alarm messages, and arming status. This keypad facilitates programming and management for systems supporting up to 8 independent areas and up to 32 zones. This manual provides detailed instructions for the proper installation, operation, and maintenance of your LED 32 Keypad.

2. SAFETY INFORMATION

- Always disconnect power to the control panel before installing or servicing the keypad.

- Ensure all wiring is performed by qualified personnel and complies with local electrical codes.

- Do not expose the keypad to moisture, extreme temperatures, or direct sunlight.

- Avoid placing the keypad near strong electromagnetic fields.

- Use only the specified power supply from the control panel (9-18V DC).

3. PRODUCT OVERVIEW

The LED 32 Keypad features a clear LED display for zone and area status, along with intuitive buttons for system control and programming. It includes a protective cover that conceals the numeric and function buttons when not in use.
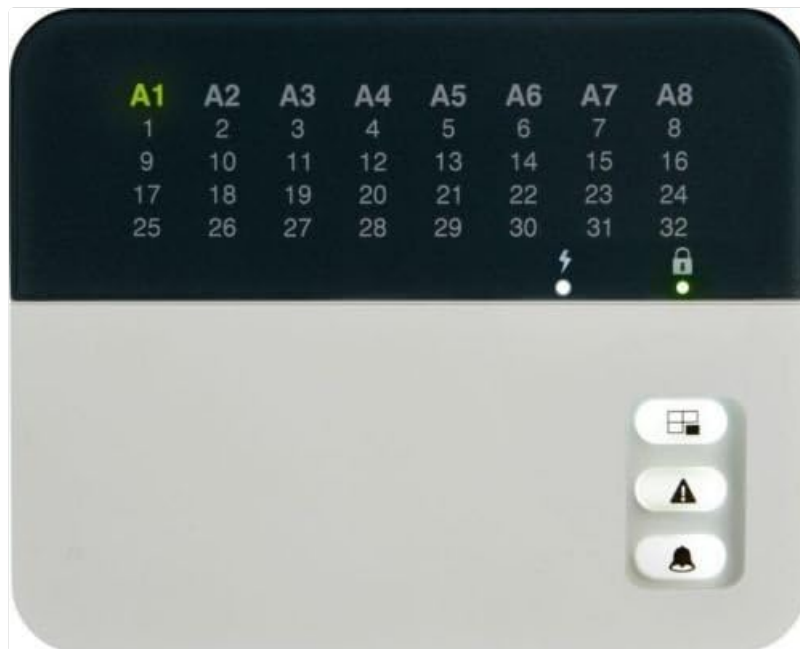
Figure 3.1: Teletek LED 32 Keypad with closed cover, showing the LED indicators for zones and areas. The top section displays indicators for 32 zones (1-32) and 8 areas (A1-A8), along with status lights for power and armed status.

Figure 3.2: Teletek LED 32 Keypad with open cover, revealing the full numeric and function button layout. Below the LED display, a full set of numeric keys (0-9), navigation arrows, and dedicated function buttons for arming, memory, troubles, and bypassed zones are visible.

Keypad Features:

- LED indication for 32 zones and 8 areas.
- Supports two programming types: by addresses and by operations.
- Quick buttons for all arming modes.
- Quick buttons for Memory, Troubles display, and Bypassed zones.
- Adjustable intensity of backlight for the display and buttons.
- Three fast button combinations for sending PANIC, MEDICAL, and FIRE alarm messages.
- Adjustable buzzer volume.
- Bidirectional TAMPER switch for enhanced security.

- Provides 1 input zone and 1 PGM output.

4. SETUP AND INSTALLATION

Before beginning installation, ensure the control panel is powered off.

1. **Mounting Location:** Choose a suitable indoor location, away from direct sunlight, moisture, and extreme temperatures. The keypad should be easily accessible for daily use.
2. **Mounting:** Secure the keypad to the wall using appropriate screws. Ensure the tamper switch is properly engaged once mounted.
3. **Wiring:** Connect the keypad to the ECLIPSE 32 control panel using the designated terminals. Refer to the control panel's manual for specific wiring diagrams. The keypad receives power and data communication from the control panel.
4. **Power On:** Once all connections are secure, restore power to the control panel. The keypad should power on and display its initial status.
5. **Initial Configuration:** Follow the ECLIPSE 32 control panel's programming guide to integrate the LED 32 keypad into the system, assign its address, and configure any specific settings.

5. OPERATING INSTRUCTIONS

The LED 32 Keypad provides various functions for managing your alarm system.

5.1. Status Indication

- **Zone LEDs (1-32):** Indicate the status of individual zones (e.g., open, closed, alarm).
- **Area LEDs (A1-A8):** Show the arming status of each independent area.
- **Trouble LED:** Illuminates when a system trouble condition is present (e.g., low battery, communication fault).
- **Alarm LED:** Flashes or illuminates during an alarm event.

5.2. Arming and Disarming

Use the quick arming buttons or enter your user code followed by the desired arming mode button (e.g., Stay, Away, Night).

5.3. Quick Buttons

- **Memory:** Press to view the alarm memory, showing zones that triggered previous alarms.
- **Troubles:** Press to display current system trouble conditions.
- **Bypassed Zones:** Press to view zones that are currently bypassed.

5.4. Emergency Buttons

The keypad features three programmable emergency button combinations (e.g., pressing two specific keys simultaneously) to send PANIC, MEDICAL, or FIRE alarm messages to a central monitoring station.

5.5. Backlight and Buzzer Adjustment

Refer to the control panel's programming manual for instructions on adjusting the display and button backlight intensity, as well as the keypad's buzzer volume.

6. MAINTENANCE

- **Cleaning:** Gently wipe the keypad surface with a soft, dry cloth. Do not use abrasive cleaners, solvents, or excessive moisture.
- **Inspection:** Periodically check the keypad for any signs of damage or loose connections.
- **Environmental:** Ensure the operating environment remains within the specified temperature and humidity ranges to prevent damage.
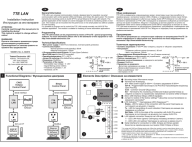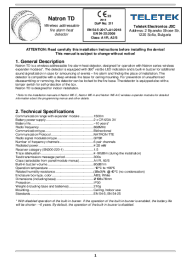
7. TROUBLESHOOTING

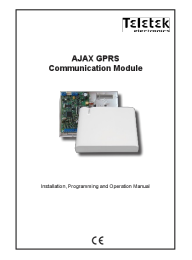| Problem	Possible Cause	Solution
Keypad is not powered on / No display	No power from control panel; Loose wiring; Faulty keypad.	Check power to control panel. Verify keypad wiring connections. If problem persists, contact technical support.
Buttons unresponsive	Keypad frozen; Internal fault.	Try power cycling the control panel. If issue continues, contact technical support.
Incorrect zone status indication	Zone wiring issue; Sensor fault; Programming error.	Check wiring for the affected zone. Verify sensor operation. Consult control panel programming manual.
Buzzer not working or too quiet/loud	Buzzer volume setting; Internal fault.	Adjust buzzer volume through control panel programming. If no change, contact technical support.

8. SPECIFICATIONS

- **Model:** LED 32
- **Power Supply:** 9-18V DC (nominal 14V) from control panel
- **Current Consumption:** Min. 60mA / Max. 140mA
- **Operating Temperature:** -20°C to +50°C (-4°F to +122°F)
- **Dimensions (H x W x D):** 108mm x 134mm x 23mm (4.25in x 5.28in x 0.91in)
- **Compatible System:** Teletek ECLIPSE 32 Alarm System
- **Included Components:** Keypad
- **UPC:** 702188346382

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your complete Teletek ECLIPSE 32 alarm system or visit the official Teletek website. It is recommended to contact a certified alarm system installer for any complex issues or system expansions.

Related Documents - LED 32

[TTE LAN Communication Module Installation Instructions - Teletek Electronics](#)

Installation instructions and technical overview for the Teletek TTE LAN universal communication module. Learn about its features, connectivity with CA62, Eclipse, Simpo panels, and AJAX SP Pro integration for alarm systems and home automation.

[Natron TD Wireless Addressable Fire Alarm Heat Detector - Installation and Technical Manual](#)

Detailed installation guide and technical specifications for the Teletek Natron TD wireless addressable fire alarm heat detector, covering features, mounting, enrollment, and maintenance.

[Teletek BRAVO INTR Wireless Control Panel - EN 50131 Grade 2 Class II](#)

Detailed information on the Teletek BRAVO INTR wireless control panel, a security system suitable for homes and residential sites. Features include up to 16 zones, remote programming, mobile app integration, and compatibility with various Teletek detectors and modules.

[Teletek SensoIRIS S130 IS: Analogue-Addressable Fire Alarm Smoke Detector | EN 54-7/17](#)

Technical specifications and features of the Teletek SensoIRIS S130 IS, an analogue-addressable optical-smoke detector compliant with EN 54-7/17, offering IP 30 protection for fire alarm systems.

[Teletek Electronics: Hırsız ve Yangın Alarm Sistemleri Ürün Kataloğu](#)

Teletek Electronics tarafından sunulan hırsız alarm sistemleri ve yangın algılama sistemleri ürün kataloğu. Kapsamlı ürün yelpazesi, teknik özellikler ve sertifikalar hakkında bilgi edinin.

[AJAX GPRS Communication Module Installation, Programming and Operation Manual](#)

This manual provides comprehensive instructions for the installation, programming, and operation of the AJAX GPRS Communication Module. It covers general information, functional characteristics, connection diagrams, software setup using ProsTE, user management, and troubleshooting.