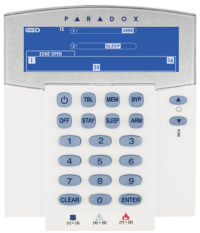
PARADOX

K37

32-Zone Wireless Fixed LCD Keypad

Installation Manual V2.0 and higher



The K37 (32-Zone Wireless Fixed LCD Keypad) provides the same functionality as standard hardwired keypads, including system programming. Unlike conventional wireless keypads which must be manually updated with new event information, the K37 displays new events live, as they happen.

Compatibility
MG5000 / MG5050 V3.2 and higher
Spectra SP V3.2 and higher (requires RTX3 V1.4 and higher)

Step 1: Powering the Keypad

A. Installing the Batteries

The K37 comes with it's primary power source (two AA batteries) already installed. To power the keypad, with the backplate removed, open the battery compartment and remove the plastic tab. **IMPORTANT:** Do not use rechargeable batteries to power the K37.
***Warning**: Risk of explosion if the battery is replaced by an incorrect type. Dispose of the used battery according to the manufacturer's instructions.*

B. Connecting the DC Source (optional)

When connecting the DC source, use PA6 6VDC Power Adapter Plug only. Do not use a 16VAC transformer.

***Warning**: Use only external power supply that is safety approved according to IEC/EN 60950-1 with rated voltage of* 6VDC *and rated current of 2A maximum.*

Available PA6 plug types:
- ACP-EU (Europe)
- ACP-UL (North America)
- ACP-CH (China)
- ACP-UK (United-Kingdom)
- ACP-AUS (Australia)

DC Power Failure trouble display
Since the DC source is optional, the trouble display must be enabled when a DC source is used.

To enable: press **[ENTER]**, enter your **[INSTALLER CODE]**, then press and hold the **[⏻]** until a confirmation beep is heard.

To disable: press **[ENTER]**, enter your **[INSTALLER CODE]**, then press and hold the **[⏻]** until a confirmation beep is heard.

Step 2: Assigning the Keypad

Automatic Assignment

After panel power-up, the control panel will open a 10 minute window for Automatic Assignment. Press and hold the **[⏻]** and **[BYP]** key for three seconds, the Tx icon will flash. The keypad is assigned to the control panel. Up to 8 wireless keypads can be assigned within the ten-minute window.

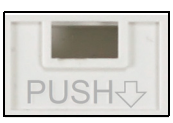
Compatibility Check
If the K37 keypad is not compatible with the current panel version, the following Trouble will be displayed:
[TROUBLE : flash] [17 : on] If this occurs, update your MG/SP panel to version 3.2.

Standard Assignment

Press **[ENTER]**. Enter your **[INSTALLER CODE]** or **[MAINTENANCE CODE]**.
Go to sections **[571]** to **[578]** to assign keypads 1 to 8, respectively.

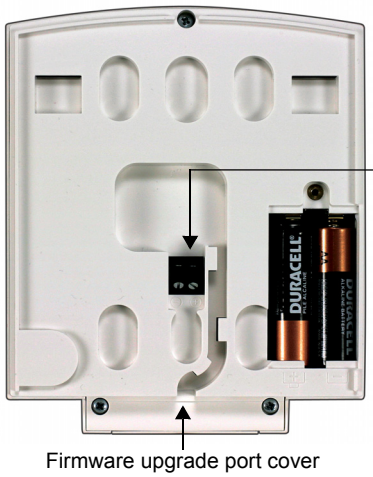
Press and hold the **[⏻]** and **[BYP]** key for three seconds on the respective keypad. The keypad is assigned to the control panel. Alternatively, enter the serial number of the K37 into one of the eight sections to assign it to the panel.

Removing the Backplate
To remove the K37's backplate, insert a screwdriver and push down in the direction of the arrow.



To remove the keypad when wall-mounted, slide the keypad upwards.

K37 (backplate removed)



Upgrading Keypad Firmware

To upgrade the keypad, remove the firmware upgrade port cover and connect the 307USB Direct Connect Interface to the upgrade port. For connection and upgrade instructions, go to paradox.com (paradox.com > Software > BabyWare > Firmware Upgrade Instructions).

Wireless Keypad Signal Strength

To view the wireless keypad signal strength, see sections **[591]** to **[598]**:

[591]	Keypad 1	**[593]**	Keypad 3	**[595]**	Keypad 5	**[597]**	Keypad 7
[592]	Keypad 2	**[594]**	Keypad 4	**[596]**	Keypad 6	**[598]**	Keypad 8

RSSI - Receiver Signal Strength Indicator (1 = weak signal, 10 = strong signal)	
Signal Strength	Keypad Audible Indicator
1 to 4 *(relocate wireless keypad)*	1 beep
5 to 7	2 beeps
8 to 10	3 beeps

Wireless Keypad Options44

To toggle wireless keypad supervision options, see section **[588]**:

Option		OFF	ON (default)
[1]	Keypad 1 Supervision	☐ Disabled	☐ **Enabled**
[2]	Keypad 2 Supervision	☐ Disabled	☐ **Enabled**
[3]	Keypad 3 Supervision	☐ Disabled	☐ **Enabled**
[4]	Keypad 4 Supervision	☐ Disabled	☐ **Enabled**

Option		OFF	ON (default)
[5]	Keypad 5 Supervision	☐ Disabled	☐ **Enabled**
[6]	Keypad 6 Supervision	☐ Disabled	☐ **Enabled**
[7]	Keypad 7 Supervision	☐ Disabled	☐ **Enabled**
[8]	Keypad 8 Supervision	☐ Disabled	☐ **Enabled**

Display Mode

To toggle Display Mode, see section **[587]**:

Option		OFF	ON (default)
[8]	Live Display Mode	☐ Disabled	☐ **Enabled**

The K37F has two display modes. By default, the keypads will show all events (e.g. zones in alarm, bypassed zones, etc.) live as they occur. Alternatively, with Live Display Mode off, the system will only display zones that cause an alarm, entry delay or exit delay. To see the status of all zones, press the [ℹ] key. Zones that are open but have not triggered an alarm will only be displayed after pressing the [ℹ] key. The display will turn on, showing the status of all zones at the time the [ℹ] key was pressed. The K37 display will turn off after 20 seconds.

Power Save Mode

If a 6VDC adapter is not connected to the keypad, the display will go into power save mode to conserve battery life. The K37 display will turn off after 20 seconds.

IMPORTANT: When the keypad is in power save mode, the K37 will only display alarms, arming events (exit delays) and entry delays. To activate the display and see the status of the system, press the **[ℹ]** key.

Power / RF Feedback

K37 - TX Icon

Fast Flashing = Transmission/reception in progress

Trouble

Group **[16]**: Wireless keypad communication failure.

Technical Specifications

RF frequency	433MHz or 868MHz
Primary power source	Two AA batteries
Backup power source	6VDC (300mA)
Battery life	Up to 1 year
Range (typical in a residential environment)	40m (130ft)
Compatibility	MG5000, MG5050 V3.2 or higher Spectra SP series V3.2 or higher (requires RTX3 V1.4 or higher)
Operating temperature	0°C to 50°C (32°F to 122°F)