MAGELLAN™

32-Zone LED Wireless Keypad Module
MG32WK V1.0 Installation Guide

The MG32WK is a two-way 32-Zone Wireless LED Keypad for use with the MG-6160 and MG-6130 consoles. The MG32WK provides the status of the console's 32 zones in real-time as well as complete system status, such as alarm in memory, troubles, keypad low battery, console message waiting and FM Radio activation.

Step 1: Powering the Keypad

A. Installing the Backup Battery
With the backplate removed, install the 3.7Vdc Li-ion rechargeable backup battery included in the box. Please note that this can be replaced by a standard cell phone type battery. The backup battery is for backup purposes only. It is not the primary power source.

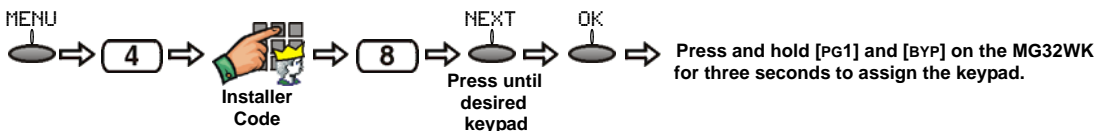#### B. Connecting the DC Source (Primary Power Source)
When connecting the DC source, use a 6Vdc adapter only. Do not use a 16Vac transformer. Connect a typical 6Vdc cell phone charger/adapter to the terminals located below the backup battery.
Compatible Nokia DC power supplies: ACP-8U, ACP-12U, ACP-8E, ACP-12E, and AC-3U.

C. Battery Charging Indicator
The ⊡ LED of the MG32WK will light up to indicate that the backup battery is charging only after DC restoration.
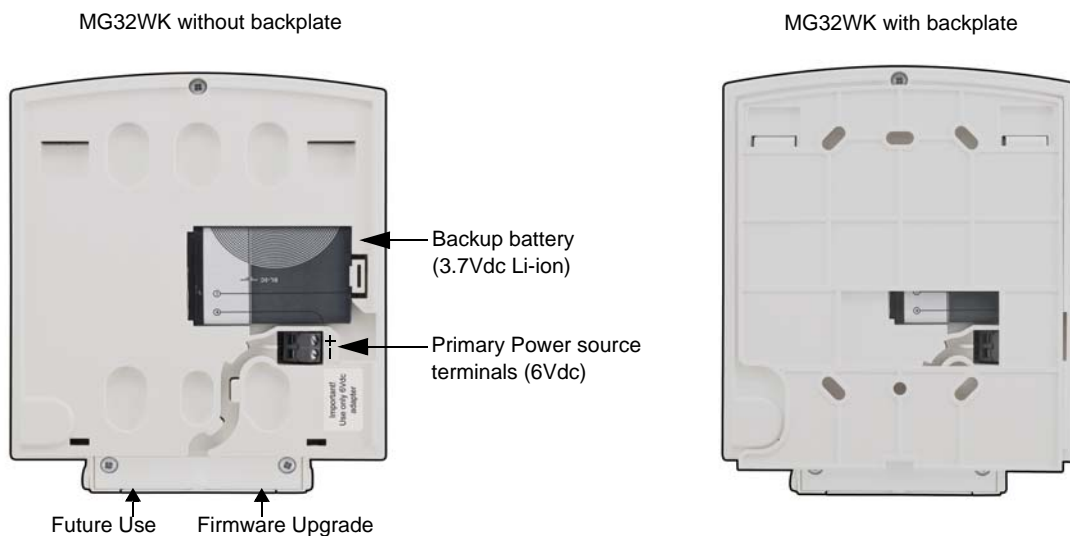
Step 2: Assigning the Keypad
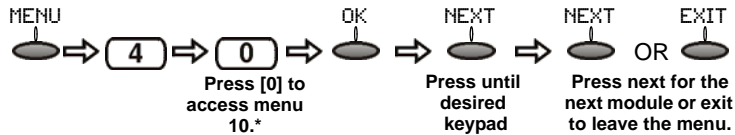
Automatic Assignment (through the console)

MENU ⇒ [4] ⇒ Installer Code ⇒ [8] ⇒ NEXT (Press until desired keypad) ⇒ OK ⇒ **Press and hold [PG1] and [BYP] on the MG32WK for three seconds to assign the keypad.**

Standard Assignment (through the console)
Press and hold **[0]** for three seconds. Enter your **[INSTALLER CODE]** or **[MAINTENANCE CODE]**.
Go to section(s) **[243]** = Keypad 1, **[244]** = Keypad 2, **[245]** = Keypad 3, or **[246]** = Keypad 4.
Press and hold [PG1] and [BYP] on the MG32WK for three seconds or enter the serial number of the MG32WK into one of the four sections to assign it to the console.

MG32WK without backplate

Backup battery (3.7Vdc Li-ion)
Primary Power source terminals (6Vdc)
Future Use   Firmware Upgrade

MG32WK with backplate

Wireless Signal Strength

To view the wireless keypad's signal strength:

MENU ⇒ [4] ⇒ [0] ⇒ OK ⇒ NEXT ⇒ NEXT OR EXIT

Press [0] to access menu 10.* **Press until desired keypad** **Press next for the next module or exit to leave the menu.**

* Quick Key [0] = 10. Alternatively, press [NEXT] until the desired menu.

Wireless Keypad Options

To toggle wireless keypad supervision options, see section **[295]**:

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**

Live Display Mode

To toggle Live Display Mode, see section **[095]**:

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

The MG32WK has two display modes. By default, the keypad 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 or entry delay. If you want 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 appear for 30 seconds, showing the status of all zones at the time the [i] key was pressed. The zone display will shut off after 30 seconds.

Power Save Mode

If the keypad's DC adapter is not connected, the keypad's display will shut off and go into power save mode after one minute to conserve battery life. Press the [i] key to activate the display.

IMPORTANT: When the keypad is in power save mode, no events will be displayed. For example, alarms and entry delays will not be visible in power save mode. Press the [i] key to activate the display and see the status of the system.

Technical Specifications			
RF frequency	433MHz or 868MHz	**Range (typical in a residential environment)**	40m (130ft)
Main Power Source	6Vdc (300mA)	**Compatibility**	Magellan MG-6130/6160 (V2.0 or higher)
Backup Battery	3.7Vdc Li-ion rechargeable	**Operating temperature**	0°C to 49°C (32°F to 120°F)
Standby Power (Backup Battery)	Up to 48 hours		

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