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› **Gecko** /
› **Gecko in.k450 Electronic Keypad 7-Button, LCD, w/Overlay, 0607-005012 User Manual**

Gecko 0607-005012

Gecko in.k450 Electronic Keypad User Manual

Model: 0607-005012

1. INTRODUCTION

Thank you for choosing the Gecko in.k450 Electronic Keypad. This manual provides essential information for the safe and efficient use of your new keypad, designed for hot tub and spa control systems. Please read this manual thoroughly before installation and operation to ensure proper function and longevity of the product.

2. SAFETY INFORMATION

Always observe the following safety precautions to reduce the risk of injury or damage:

- Installation should be performed by a qualified technician in accordance with all local electrical codes.
- Ensure the power to the spa system is disconnected before attempting any installation, maintenance, or repair.
- Do not operate the keypad if it is damaged or appears to be malfunctioning.
- Keep the keypad clean and dry. Avoid using abrasive cleaners or solvents.
- This keypad is designed for specific Gecko spa systems. Do not attempt to use it with incompatible systems.

3. PRODUCT OVERVIEW

The Gecko in.k450 is a 7-button electronic keypad with an LCD display, designed for intuitive control of your hot tub functions. It features a durable overlay and connects via a 10-foot in.link cable.

Keypad Features:

- **Dimensions:** Rectangle with rounded sides, approximately 7.25 inches by 3 inches.
- **Buttons:** On/Off, Pump 1, Pump 2, Pump 3, Light, Temperature Up (+), Temperature Down (-).
- **Display:** LCD screen for temperature, time, and system status.
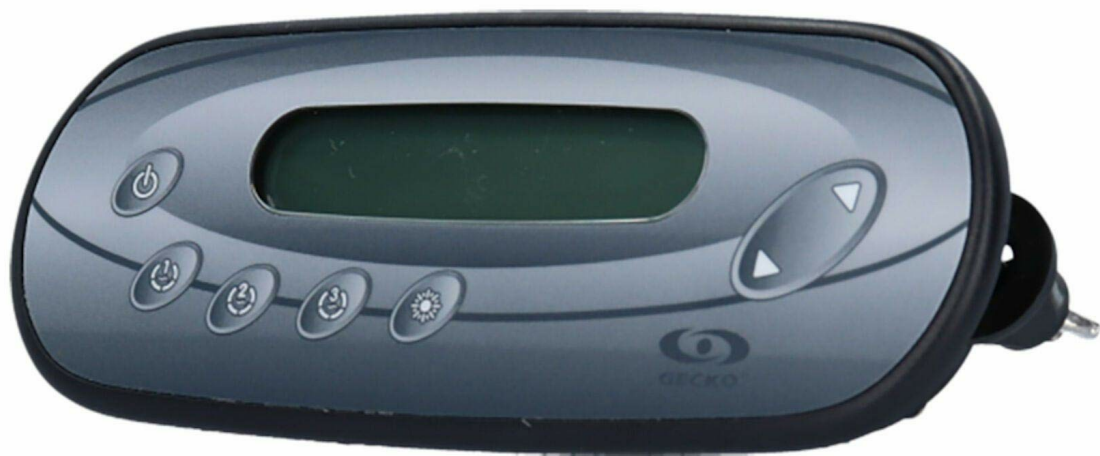- **Connectivity:** 10-foot cable with in.link connector.

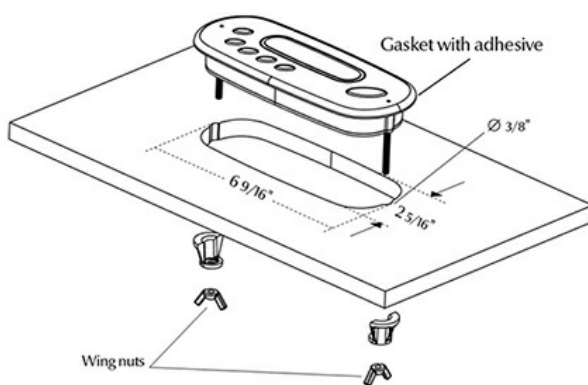Figure 3.1: Front view of the Gecko in.k450 Electronic Keypad.

Figure 3.2: Detailed diagram of the in.k450 keypad buttons and LCD display icons.

Figure 3.3: The in.k450 keypad integrated into a hot tub control panel.

4. SETUP AND INSTALLATION

Installation of the in.k450 keypad requires careful attention to detail and may involve modifying the existing spa shell. Professional installation is highly recommended.

Installation Steps:

1. **Disconnect Power:** Ensure all power to the spa system is completely shut off at the main breaker before beginning.
2. **Remove Old Keypad (if applicable):** Carefully detach the old keypad from its mounting. Note the existing wiring configuration.
3. **Prepare Mounting Hole:** The in.k450 keypad may require a specific cutout size. If replacing an older model like the k400, a significant modification to the existing opening may be necessary to accommodate the new keypad's dimensions (approximately 6 9/16" x 2 5/16" for the cutout). Use appropriate tools to create a clean and precise opening.
4. **Apply Gasket:** Ensure the adhesive gasket is properly seated around the keypad's perimeter to create a watertight seal.
5. **Insert Keypad:** Carefully insert the new in.k450 keypad into the prepared opening.
6. **Secure Keypad:** From underneath, secure the keypad using the provided wing nuts onto the threaded studs. Do not overtighten.
7. **Connect Cable:** Route the 10-foot in.link cable to the spa pack and securely connect it to the designated port.
8. **Restore Power:** Once installation is complete and all connections are secure, restore power to the spa system.
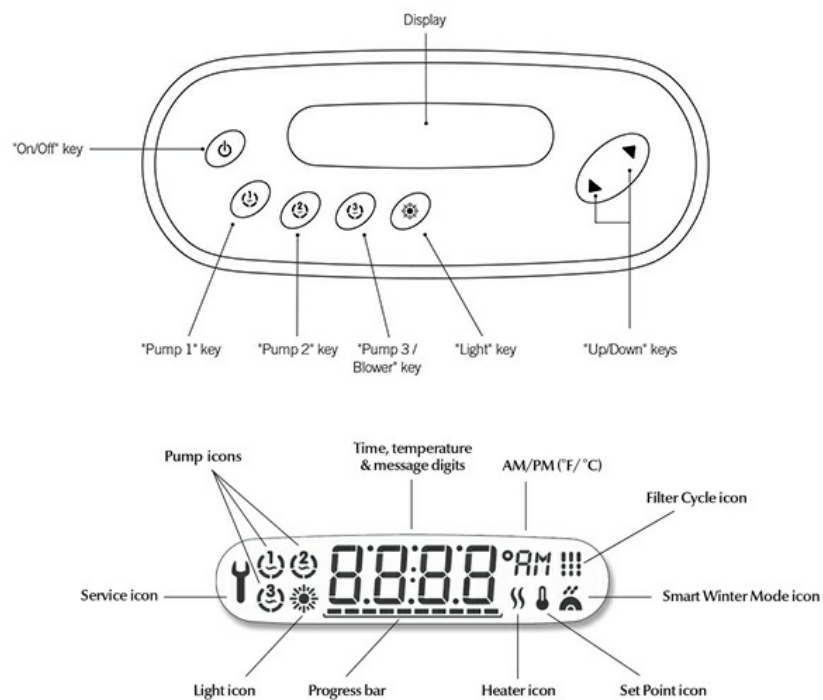
Figure 4.1: Installation diagram showing cutout dimensions and mounting hardware.

5. Operating Instructions

The in.k450 keypad provides intuitive control over your spa's primary functions.

Button Functions:

- **On/Off:** Powers the spa system on or off.
- **Pump 1:** Activates or cycles through speeds for Pump 1.
- **Pump 2:** Activates or cycles through speeds for Pump 2.
- **Pump 3** / **Blower:** Activates or cycles through speeds for Pump 3 or the Blower, depending on your spa configuration.
- **Light:** Turns the spa lights on or off, or cycles through light modes.
- **Temp + (Up Arrow):** Increases the desired water temperature set point.
- **Temp - (Down Arrow):** Decreases the desired water temperature set point.

LCD Display:

The LCD displays the current water temperature, set temperature, time, and various icons indicating system status (e.g., pump activity, heater status, filter cycle, Smart Winter Mode, service icons).

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your keypad.

- **Cleaning:** Wipe the keypad surface with a soft, damp cloth. Do not use harsh chemicals, abrasive cleaners, or solvents, as these can damage the overlay and display.
- **Inspection:** Periodically check the keypad for any signs of wear, cracks, or damage to the overlay or cable.
- **Cable Integrity:** Ensure the in.link cable is not pinched, cut, or exposed to excessive strain.

7. TROUBLESHOOTING

If you encounter issues with your in.k450 keypad, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Keypad is unresponsive or blank.	No power to the spa, loose cable connection, keypad malfunction.	Check spa power supply. Ensure in.link cable is securely connected to the spa pack. If problem persists, contact a qualified technician.
Specific pump speed (e.g., 2nd speed) does not activate.	Spa pack configuration issue, pump malfunction, wiring problem.	Verify spa pack settings. Check pump wiring. This may require professional diagnosis.
Uneven backlighting or poor screen readability.	Environmental factors (glare), internal display issue.	Adjust viewing angle or ambient lighting. If backlighting is consistently poor, the display may be faulty and require replacement.
Keypad does not fit existing opening.	Replacement for a different sized model (e.g., k400).	The opening in the spa shell will need to be enlarged to accommodate the in.k450's dimensions. This is a common requirement when upgrading from older models.

For issues not listed here or if troubleshooting steps do not resolve the problem, please contact Gecko customer support or a certified spa technician.

8. SPECIFICATIONS

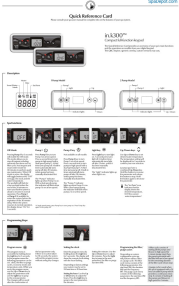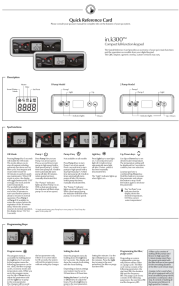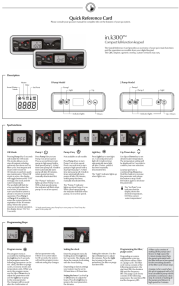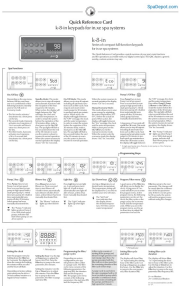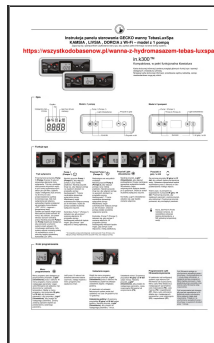| Feature	Detail
Model Number	0607-005012
Brand	Gecko
Material	Plastic
Color	Black
Keypad Type	7-Button, LCD Display
Cable Length	10 feet
Connector Type	in.link plug
Dimensions (approx.)	7.25" x 3" (keypad face)
UPC	689145864311

9. WARRANTY INFORMATION

For detailed warranty information regarding your Gecko in.k450 Electronic Keypad, please refer to the original purchase documentation or visit the official Gecko website. Warranty terms and conditions may vary based on region and retailer.

10. CUSTOMER SUPPORT

If you require further assistance, technical support, or have questions not covered in this manual, please contact Gecko customer support through their official website or the contact information provided with your product purchase.

Related Documents - 0607-005012

[Gecko in.k300 Spa Keypad Quick Reference Guide | SpaDepot.com](#)
Quickly learn to operate your Gecko in.k300 spa keypad with this essential reference guide. Covers spa functions, programming cycles, temperature settings, and troubleshooting error codes for your hot tub system.

[Gecko in.k300™ Spa Keypad Quick Reference Guide](#)
This guide provides essential information for operating the Gecko in.k300™ spa control keypad, covering basic functions, programming cycles, special modes, and troubleshooting error codes.

[Gecko in.k300 Spa Keypad TechBook](#)
This TechBook provides comprehensive information on the Gecko in.k300 spa keypad, covering its features, installation, operation, programming, error messages, and specifications. It is designed for spa owners and technicians.

[Gecko in.k300 Quick Reference Card: Spa Control Guide](#)
A quick reference guide for the Gecko in.k300 spa control system, detailing functions, programming, and troubleshooting for spa owners.

[Quick Reference Card: Gecko k-8-in Keypads for in.xe Spa Systems](#)
User guide for Gecko k-8-in keypads used with in.xe spa systems, covering functions, programming, and troubleshooting for spa control.

[Instrukcja Panelu Sterowania Gecko in.k300 do Wanny Spa](https://wszystkodobasenow.pl/wanna-z-hydromasazem-tebas-luxspa)

Szczegółowa instrukcja obsługi panelu sterowania Gecko in.k300 do wanien spa, obejmująca konfigurację, funkcje, programowanie i rozwiązywanie problemów dla wanien TebasLuxSpa.