

Gecko 0201-007044

Gecko TSC-4 Ten Key Topside Keypad Instruction Manual

MODEL: 0201-007044

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Gecko TSC-4 Ten Key Topside Keypad. This keypad is designed for use with Gecko M-Class series spa control systems, offering comprehensive control over your spa's functions and connected accessories. Please read this manual thoroughly before installation and operation to ensure proper use and longevity of your product.

PRODUCT OVERVIEW

The Gecko TSC-4 keypad features an LCD display and ten tactile buttons, providing an intuitive interface for managing your spa's settings. Its robust design ensures reliable performance in spa environments.



An image showing the Gecko TSC-4 Ten Key Topside Keypad. The keypad features a rectangular LCD display on the left side, with the Gecko logo (a lizard) below it. On the right side, there are ten circular buttons arranged in two rows of five. The top row includes 'Up', 'Pump 1', 'Pump 2', and 'Prog.' buttons. The bottom row includes 'Down', 'Blower', 'Light', and 'Mode' buttons. The keypad has a gray and white color scheme.

Key Features:

- LCD Display for clear information readout.
- Ten-button configuration for comprehensive control.
- Compatible with Gecko M-Class Spa Control Systems.
- Durable construction for spa environments.

SETUP AND INSTALLATION

The Gecko TSC-4 keypad is designed for integration with Gecko M-Class spa control systems. Installation typically involves connecting the keypad to the main control system via an 8-pin JST plug with a 10-foot cord. Due to the nature of spa electrical systems, professional installation by a qualified technician is highly recommended to ensure safety and proper functionality.

Installation Steps (General Guidance):

1. **Power Disconnection:** Ensure all power to the spa control system is completely disconnected at the main breaker before beginning any installation work.
2. **Mounting:** Securely mount the keypad in the desired location on the spa's topside, ensuring it is easily accessible and protected from direct water exposure.
3. **Cable Routing:** Carefully route the 10-foot cable from the keypad to the spa control pack, avoiding kinks or damage to the cable.
4. **Connection:** Locate the appropriate 8-pin JST receptacle on your Gecko M-Class control system. Align the 8-pin JST plug from the keypad with the receptacle and firmly insert it until it clicks into place.
5. **Sealing:** Ensure any openings created for cable routing are properly sealed to prevent water ingress into the spa's internal components.
6. **Power Reconnection:** Once all connections are secure and verified, restore power to the spa system.

Important: Refer to your specific Gecko M-Class control system manual for detailed wiring diagrams and safety precautions.

OPERATING INSTRUCTIONS

The TSC-4 keypad provides control over various spa functions. The LCD display will show current settings and status information.

Button Functions:

- **Up (▲):** Increases temperature, navigates menus upwards, or adjusts settings.
- **Down (▼):** Decreases temperature, navigates menus downwards, or adjusts settings.
- **Pump 1:** Activates or cycles through speeds for Pump 1.
- **Pump 2:** Activates or cycles through speeds for Pump 2.
- **Blower:** Activates or cycles through speeds for the air blower.
- **Light:** Turns the spa light on/off or cycles through light modes.

- **Prog. (Program):** Enters programming mode for advanced settings (e.g., filter cycles, economy mode).
- **Mode:** Changes the operating mode of the spa (e.g., Standard, Economy, Sleep).
- **Filter:** Initiates or adjusts filter cycles (often accessed via Prog. button).
- **Clock:** Sets the current time (often accessed via Prog. button).
- **Economy:** Activates or deactivates economy heating mode (often accessed via Prog. button).
- **Temp+ / Temp-:** Adjusts the desired water temperature (often combined with Up/Down buttons).

Specific functions and their behavior may vary slightly depending on the configuration of your M-Class control system. Refer to your spa's main control system manual for detailed programming instructions.

MAINTENANCE

Regular maintenance of your keypad ensures optimal performance and extends its lifespan.

Cleaning:

- Wipe the keypad surface with a soft, damp cloth.
- Use mild, non-abrasive cleaners if necessary. Avoid harsh chemicals, solvents, or abrasive pads, as these can damage the display and buttons.
- Ensure no water enters the keypad housing during cleaning.

Inspection:

- Periodically inspect the keypad for any signs of damage, such as cracks in the housing or wear on the buttons.
- Check the cable for any fraying or damage. If damage is observed, contact a qualified technician for repair or replacement.

TROUBLESHOOTING

If you encounter issues with your TSC-4 keypad, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Keypad display is blank or unresponsive.	No power to the spa system; loose cable connection; faulty keypad.	Check spa power supply; ensure keypad cable is securely plugged into the control system; consult a technician if power and connection are confirmed.
Buttons are not responding.	Keypad locked; internal keypad fault; control system issue.	Check if the keypad is in a locked mode (refer to spa control manual); power cycle the spa; if issue persists, contact a technician.
Incorrect temperature reading.	Faulty temperature sensor; air lock in heater.	Ensure water level is adequate; check for air locks; consult a technician for sensor issues.

For complex issues or if troubleshooting steps do not resolve the problem, it is recommended to contact a certified spa technician or Gecko customer support.

SPECIFICATIONS

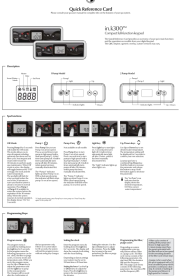

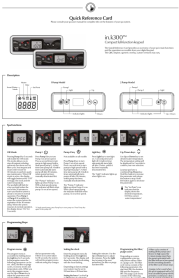
- **Model Number:** 0201-007044
- **Alternate Part Numbers:** BDLTSC410K, 3-00-7164
- **Display Type:** LCD
- **Keypad Type:** Ten Key (Up, Down, Pump 1, Pump 2, Blower, Light, Prog., Mode, Filter, Clock, Economy, Temp+, Temp-)
- **Dimensions:** Approximately 7" x 3.25" (Rectangle with LCD Display)
- **Cable:** 8 Pin JST Plug with 10' Cord
- **Compatibility:** Gecko M-Class Spa Control Systems
- **Product Dimensions:** 6 x 5 x 3 inches (packaging/overall unit)
- **UPC:** 637509186869


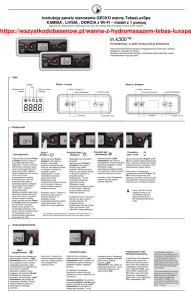

WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the documentation provided with your original purchase or visit the official Gecko website. For technical support, replacement parts, or service inquiries, please contact your authorized Gecko dealer or the manufacturer directly.

Manufacturer: Gecko

Related Documents - 0201-007044

	<p>Gecko in.k300™ Spa Keypad Quick Reference Guide</p> <p>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.</p>
	<p>Gecko in.k300 Spa Keypad TechBook</p> <p>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.</p>
	<p>Gecko in.k300 Quick Reference Card: Spa Control Guide</p> <p>A quick reference guide for the Gecko in.k300 spa control system, detailing functions, programming, and troubleshooting for spa owners.</p>

	<p>Gecko waterlab: Smart Spa Water Monitoring System - User Manual and Installation Guide</p> <p>Comprehensive guide for the Gecko waterlab system, covering installation, maintenance, troubleshooting, and specifications for smart spa water monitoring and sanitation. Learn how to set up and use your Gecko waterlab for optimal spa water quality.</p>
	<p>Instrukcja Panelu Sterowania Gecko in.k300 do Wanny Spa</p> <p>Szczegółowa instrukcja obsługi panelu sterowania Gecko in.k300 do wanien spa, obejmująca konfigurację, funkcje, programowanie i rozwiązywanie problemów dla wanien TebasLuxSpa.</p>
	<p>Gecko Y Series and in.xe Start Up Guide and Basic Configuration</p> <p>This guide provides detailed instructions for starting up and configuring Gecko Y Series and in.xe spa control systems. It covers essential steps like power-up, breaker settings, programming via in.stik or keypad, and field programming options for various models.</p>

Documents - Gecko – 0201-007044



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spa cloudfront net Includes Built In 24 Hour Time Clock Programmable in 15 Minute Increments with Manual Override Will Control a Single or 2 Speed Pump Blower and Light

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and MUCH MORE MaintainingControlThroughouttheYears

Whatstartedover42yearsagowithaninventorofana ... 02-007134 Bundle Option: AI #3-00-7218A / MFG #BDLTSC18PPD K-18 Topside with 2 Overlays 3-00-7163 / **0201-007044** TOPSIDE DESCRIPTION WORKS ADDED DESCRIPTION WITH OVERLAY FACEPLATE / INLAY TSC / K...

lang:en score:16 filesize: 15.44 M page_count: 620 document date: 2016-10-13



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MUCHMORE! Control Distance Up To 150 Depending On Air Button Used FF 1094TC and 1094LTC

Include A Reliable Easily Operable Internal Time Clock with a Manual Override

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and MUCH MORE Factory Direct for Genuine Brand Products Len

Gordon ... -SLNO 10 Keys TSC-8-SL-RPNO with Trim Edge without Faceplate M-

CLASS M-CLASS Bundle Includes: **0201-007044** TSC-4 Topside Faceplate

Dimension: 3 1/4 X 7 Cutout: 2 5/8 X 6 3/8 8 Keys No Facep...

lang:de score:15 filesize: 11.1 M page_count: 460 document date: 2015-06-01



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Untitled Catalogue GD EURO EN 2024 geckoalliance 02 |||

Aftermarket products parts catalogue 2024 Europe edition Control systems, keypads,

pumps, accessor ... ries systems Code 0201-007153 TSC-8-10K-GE1 AND

OVERLAY BDLTSC810K Includes: TSC-4-10K keypad **0201-007044** , overlay 9916-

100761 10 buttons: Pump 3/Pump 1/Pump 2/Blower/Light/Clock/Economy/Filt...

lang:en score:13 filesize: 5.36 M page_count: 36 document date: 2024-02-09



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Untitled Catalogue Aftermarket NA 2024 EN geckoalliance 02 |||

Aftermarket products parts catalogue 2023AfNteormtharAkmetepriocdanucetds ition

parts catalogu ... 9 x 5.4 cm Cord length: 20 6 m Compatible with: in.xe, in.xm, in.xm2

Y Series systems Code **0201-007044** TSC-4-10K-GE1 AND OVERLAY BDLTSC410K

Includes: TSC-4-10K keypad, overlay 9916-100761...

lang:en score:12 filesize: 5.14 M page_count: 40 document date: 2024-02-09



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2018 products parts catalogue usa edition control systems, keypads, pumps, accessories, parts mo ... 11 Spa Keypads M-CLASS Code BDLTSC410K TSC-4-10K-GE1 AND OVERLAY Includes: TSC-4-10K keypad **0201-007044** , overlay 9916-100761 10 buttons: Pump 3/Pump 1/Pump 2/Blower/Light/Clock/Economy/Filt... lang:en **score:11** filesize: 34.21 M page_count: 52 document date: 2017-10-16