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## Gecko 0610-300006

# Gecko in.ye-5 Electronic Control System Retrofit Kit

Model: 0610-300006

## INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Gecko in.ye-5 Electronic Control System retrofit kit. This system is designed to upgrade or replace existing spa and hot tub control systems, offering advanced control over pumps, heating, and other spa functions. Please read these instructions thoroughly before proceeding with installation or operation.

## SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the equipment:

- Installation must be performed by a qualified electrician in accordance with all local and national electrical codes.
- Ensure the main power supply to the spa is disconnected before performing any installation, maintenance, or service.
- Do not operate the system if any part is damaged or appears to be malfunctioning.
- Keep all electrical components dry and protected from moisture.
- Use only genuine Gecko replacement parts.

## PACKAGE CONTENTS

Your Gecko in.ye-5 retrofit kit includes the following components:

- Gecko in.ye-5 Control System (Enclosure: 19.5" x 10.75" x 5" WxHxD)
- in.k8 Keypad (7" x 3.25")
- Adapter Plate
- 4.0kW Flow-Thru Heater (2" x 15" long)
- Component Cords
- Light Cord
- Sensors

## SETUP AND INSTALLATION

This section outlines the steps for installing your in.ye-5 control system. Refer to the wiring diagram provided with your kit for specific connections.

## 1. Pre-Installation Checks

1. Verify that the main power to the spa is completely disconnected at the circuit breaker.
2. Ensure the mounting location for the control system is dry, accessible, and protected from direct weather exposure.
3. Confirm that all existing plumbing connections are compatible with the new heater and system.

## 2. Mounting the Control System

Mount the in.ye-5 control system enclosure securely using appropriate fasteners. The enclosure dimensions are 19.5" L x 10.75" W x 5" H. Use the provided adapter plate if necessary for mounting the keypad.



Image: The Gecko in.ye-5 Electronic Control System retrofit kit, showing the main control box, in.k8 keypad, and various cables for connection.

## 3. Heater Installation

Install the 4.0kW flow-thru heater (2" x 15" long) into the spa's plumbing system. Ensure proper water flow through the heater before powering on the system. The heater includes integrated sensors.

## 4. Electrical Connections

The in.ye-5 system supports 120V or 240V operation. Configure the system for the correct voltage according to your spa's electrical supply. Connect the following components using the provided component

cords:

- **Pump 1:** Connect either a 1-speed or 2-speed pump.
- **Pump 2:** Connect either a 1-speed or 2-speed pump.
- **Blower/Pump 3:** Connect a 1-speed blower or a 1-speed third pump.
- **Ozone Generator:** Connect the ozone unit.
- **AV Receptacle:** Connect any auxiliary 120V/240V accessories.
- **Light:** Connect the spa light using the light cord.

Ensure all connections are secure and properly insulated. Refer to the system's internal wiring diagram for exact terminal locations.

## 5. Keypad Connection

Connect the in.k8 keypad to the designated port on the in.ye-5 control system. The keypad measures 7" x 3.25". Secure the keypad in its desired location, using the adapter plate if needed.

## 6. Power Up

Once all connections are verified, restore power to the spa at the circuit breaker. The system will perform a self-diagnostic check upon initial power-up.

## OPERATING INSTRUCTIONS

The in.k8 keypad provides intuitive control over your spa's functions. Refer to the in.k8 keypad user guide for detailed instructions on specific menu navigation and settings.

### Basic Keypad Functions:

- **Temperature Adjustment:** Use the up/down arrows to set the desired water temperature.
- **Pump Control:** Press the 'Pump 1' or 'Pump 2' buttons to cycle through speeds (if applicable) or turn pumps on/off.
- **Blower/Pump 3 Control:** Press the 'Blower' or 'Pump 3' button to activate/deactivate.
- **Light Control:** Press the 'Light' button to turn the spa light on/off.
- **Mode/Program:** Access various operating modes, filtration cycles, and other settings through the 'Mode' or 'Program' button.

## MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your in.ye-5 control system.

- **System Enclosure:** Keep the control system enclosure clean and free from debris. Ensure ventilation openings are not obstructed.
- **Electrical Connections:** Periodically inspect all electrical connections for tightness and signs of corrosion. Disconnect power before inspection.
- **Heater Element:** Monitor the heater for scale buildup, especially in hard water areas. Descale as necessary following manufacturer guidelines for your spa.
- **Water Quality:** Maintain proper spa water chemistry to prevent damage to the heater and other components.

## TROUBLESHOOTING

If you encounter issues with your in.ye-5 system, consult the following common troubleshooting steps. For persistent problems, contact a qualified service technician.

## No Power to System

- Check the main circuit breaker for the spa.
- Verify all power connections to the control system are secure.

## Heater Not Functioning

- Ensure the water level in the spa is adequate.
- Check for proper water flow through the heater. Air locks or clogged filters can prevent heating.
- Verify the set temperature is higher than the current water temperature.

## Keypad Not Responding

- Ensure the keypad cable is securely connected to the control system.
- Restart the system by cycling power at the breaker.

## Error Codes

The in.k8 keypad may display error codes. Refer to the specific in.k8 keypad user manual for a comprehensive list of error codes and their corresponding troubleshooting steps.

## SPECIFICATIONS

Feature	Specification
Model Number	0610-300006
Brand	Gecko
Voltage	120V / 240V (Configurable)
Heater Wattage	1.0kW / 4.0kW
Heater Style	Flow-Thru (Fixed), 2" x 15" long
Pump 1 Configuration	1-speed or 2-speed
Pump 2 Configuration	1-speed or 2-speed
Blower/Pump 3 Configuration	1-speed Blower or 1-speed Pump
Other Outputs	Ozone, AV Receptacle (120V/240V)
Enclosure Material	Plastic
Product Dimensions (Control Box)	19.5" L x 10.75" W x 5" H
Keypad Model	in.k8-3OP
Keypad Dimensions	7" x 3.25"

## WARRANTY AND SUPPORT

The Gecko in.ye-5 Electronic Control System is manufactured by Gecko. For warranty information, technical support, or to inquire about spare parts, please contact Gecko customer service or visit their official website. The EU spare part availability duration for this product is 5 years.

When contacting support, please provide the model number (0610-300006) and any other relevant product

identification numbers found on the unit.

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