

Genie 20235R

Genie Garage Door Opener Keypad 20235R for KEP-1 Instruction Manual

INTRODUCTION

This document provides comprehensive instructions for the installation, operation, and maintenance of the Genie Garage Door Opener Keypad, model 20235R. This keypad is designed as a direct replacement for the Genie KEP-1 garage door opener system. Please read all instructions carefully before proceeding with installation or operation.

PRODUCT OVERVIEW

The Genie 20235R Keypad is a wired replacement component for the KEP-1 system. It includes the keypad unit and its integrated signal ribbon cable. This model is also compatible with older part numbers 22152T and KEP-D.



Image: Genie 20235R Keypad. This image displays the compact, rectangular keypad unit with its numerical buttons and integrated ribbon cable, ready for installation.

SETUP AND INSTALLATION

This section details the steps for replacing an existing KEP-1 keypad with the new 20235R unit.

Safety Precautions:

- Always disconnect power to the garage door opener system at the circuit breaker or by unplugging the transformer before beginning any installation or maintenance.

- Ensure all tools are in good working condition.

Installation Steps:

1. **Remove Old Keypad:** Carefully remove the mounting screws securing the old KEP-1 keypad to the exterior surface. Gently pull the keypad away from the wall.
2. **Access Main Interface Box:** Locate the main interface box, typically mounted inside the garage. Open this box to access the circuit board and the connection point for the keypad's ribbon cable.
3. **Note Ribbon Cable Orientation:** Before disconnecting, observe the orientation of the existing ribbon cable where it connects to the circuit board. Pay close attention to any notches or markings on the cable and the connector. This is crucial for correct installation of the new keypad.
4. **Disconnect Old Cable:** Carefully disconnect the old ribbon cable from the circuit board. The cable is typically a push-fit connection and does not require soldering.
5. **Feed New Cable:** If the cable passes through a wall or door frame, you may find it helpful to attach a long string to the end of the old cable before pulling it out. Then, attach the new cable to the string and use it to guide the new cable through the opening.
6. **Connect New Keypad:** Connect the new 20235R keypad's ribbon cable to the circuit board in the main interface box. Ensure the cable is inserted with the correct orientation, matching what was observed in Step 3. The notch in the flat ribbon cable must face the Set/Run switch for proper function.
7. **Mount New Keypad:** Position the new keypad in the original location and secure it using the existing mounting screws. Ensure the ribbon cable is not pinched or damaged during this process.
8. **Restore Power:** Once the keypad is securely mounted and the cable is connected, restore power to the garage door opener system.

OPERATING INSTRUCTIONS (PROGRAMMING)

After installation, you will need to program your desired Personal Identification Number (PIN) into the KEP-1 system.

To Program Your KEP-1 System:

1. **Reset Board:** Unplug the transformer for the KEP-1 system for at least 2 minutes. This action resets the board and erases any previously stored codes.
2. **Set Switch to SET:** Locate the 'SET / RUN' switch inside the main interface box. Move this switch to the **SET** position.
3. **Enter PIN:** On the new keypad, enter your chosen PIN. The PIN can consist of 1 to 8 numbers or letters. Do not use the '*' (star) button as part of your PIN.
4. **Lock in PIN:** Press the * (star) button once to lock in the entered PIN.
5. **Set Switch to RUN:** Move the 'SET / RUN' switch back to the **RUN** position.
6. **Test Operation:** Your programming is now complete. Test the keypad by entering your new PIN and observing if the garage door opener activates.

Important Note: Ensure the notch in the flat ribbon cable faces the 'Set/Run' switch. Incorrect orientation will prevent the code from being stored properly.

MAINTENANCE

Proper maintenance can extend the lifespan of your Genie keypad.

- **Weather Protection:** Mount the keypad in a location that offers maximum protection from direct exposure to rain, snow, and intense sunlight.
- **Sealing:** Consider applying an outdoor-rated caulk around the edges of the keypad housing after installation to prevent moisture intrusion, which can corrode internal components over time.
- **Cleaning:** Periodically wipe the keypad surface with a soft, damp cloth to remove dirt and grime. Avoid using harsh chemicals or abrasive cleaners.
- **Inspection:** Regularly inspect the keypad and its wiring for any signs of wear, damage, or loose connections.

TROUBLESHOOTING

If your keypad is not functioning as expected, refer to the following troubleshooting steps:

- **Keypad Unresponsive:**
 - Verify that the garage door opener system has power.
 - Check the ribbon cable connection at the main interface box to ensure it is securely seated and correctly oriented (notch facing the Set/Run switch).
 - Attempt the programming steps outlined in the 'Operating Instructions' section to re-enter your PIN.
- **Incorrect Code Entry:**
 - Ensure you are entering the correct PIN.
 - Confirm that the 'SET / RUN' switch inside the main interface box is in the **RUN** position after programming.
 - Re-verify the ribbon cable's notch orientation as described in the programming steps.
- **Intermittent Operation:**
 - Inspect the ribbon cable for any signs of damage, pinching, or corrosion.
 - Ensure the keypad is adequately protected from weather elements. Moisture can cause intermittent issues.

SPECIFICATIONS

Attribute	Detail
Manufacturer	Genie Company
Part Number	20235R
Compatible Models	Genie KEP-1 (also replaces 22152T, KEP-D)
Item Weight	2.39 ounces
Product Dimensions	8 x 8 x 4 inches
Batteries Required	No
Item Package Quantity	1

WARRANTY AND SUPPORT

For specific warranty information regarding your Genie 20235R Keypad, please refer to the documentation provided with your original KEP-1 system or contact Genie customer support directly. Support contact information can typically be found on the manufacturer's official website or within the original product packaging.