ROGER TECHNOLOGY E80/TX52R/2

ROGER TECHNOLOGY E80/TX52R/2 Remote Control User Manual

Model: E80/TX52R/2 | Brand: ROGER TECHNOLOGY

1. INTRODUCTION

This user manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your ROGER TECHNOLOGY E80/TX52R/2 remote control. This 2-channel fixed code remote operates at 433.92 MHz and features a convenient copy function, allowing it to duplicate signals from compatible existing remotes. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

2. SAFETY INFORMATION

- Keep the remote control out of reach of children to prevent accidental operation or ingestion of small parts.

- Do not expose the remote control to water, excessive moisture, or extreme temperatures.

- Avoid dropping or subjecting the remote control to severe impacts.

- Only use the specified battery type (AAA) and ensure correct polarity during installation.

- Dispose of used batteries responsibly according to local regulations.

- Do not attempt to disassemble or modify the remote control, as this will void the warranty and may cause malfunction.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x ROGER TECHNOLOGY E80/TX52R/2 Remote Control

- 1 x User Manual (this document)

- (Batteries may or may not be included, depending on the retailer. Typically, 1x AAA battery is required.)

4. PRODUCT OVERVIEW

The E80/TX52R/2 remote control is designed for ease of use and reliability. It features two distinct buttons for controlling two separate channels, making it suitable for various applications such as garage doors, gates, or other compatible fixed-code receivers. The integrated copy function allows for simple duplication of existing fixed-code remote signals.

Figure 1: Front view of the E80/TX52R/2 Remote Control. Note the two primary control buttons, the LED indicator, and the ROGER TECHNOLOGY branding.

Key Components:

- **Button 1:** Top left button, typically used for Channel 1.
- **Button 2:** Top right button, typically used for Channel 2.
- **LED Indicator:** Small light at the top center, illuminates during transmission or programming.
- **Programming Port/Hole:** Small hole at the bottom left, used for specific programming procedures.

5. SETUP

5.1 Battery Installation

The E80/TX52R/2 remote control requires one AAA battery. To install or replace the battery:

1. Locate the battery compartment cover on the back of the remote control.

2. Carefully slide or unclip the cover to open the compartment.

3. Insert one AAA battery, ensuring the correct positive (+) and negative (-) polarity as indicated inside the compartment.

4. Close the battery compartment cover securely.

5.2 Programming the Remote (Copy Function)

This remote control can copy the signal from an existing fixed-code remote. Ensure your existing remote is functional and has a fixed code operating at 433.92 MHz.

1. **Clear Existing Code:** Press and hold both buttons (Button 1 and Button 2) simultaneously on the new E80/TX52R/2 remote until the LED indicator flashes rapidly (approximately 5-10 seconds). Release both buttons. The LED should now flash slowly, indicating it's ready to learn.

2. **Enter Learning Mode:** Press and hold the button on the new remote that you wish to program (e.g., Button 1). The LED will illuminate steadily.

3. **Position Remotes:** Hold your existing remote control close to the new E80/TX52R/2 remote, ideally back-to-back or side-by-side, ensuring their transmitters are aligned.

4. **Transmit Signal:** While holding the button on the new remote, press and hold the corresponding button on your existing remote that you want to copy.

5. **Confirm Copy:** The LED on the new E80/TX52R/2 remote should flash rapidly, then turn solid, indicating a successful copy. Release both buttons.

6. **Repeat for Other Buttons:** If you wish to program the second button, repeat steps 2-5 for Button 2.

7. **Test Functionality:** After programming, test the new remote control with your receiver to ensure it operates correctly.

Note: If the LED does not flash rapidly or the copy process fails, ensure the existing remote is transmitting a strong signal and try repositioning the remotes. Some rolling code remotes are not compatible with this copy function.

6. OPERATING INSTRUCTIONS

Once programmed, operating the E80/TX52R/2 remote control is straightforward:

- **To Activate Channel 1:** Press and hold Button 1. The LED indicator will illuminate while the signal is being transmitted. Release the button to stop transmission.

- **To Activate Channel 2:** Press and hold Button 2. The LED indicator will illuminate while the signal is being transmitted. Release the button to stop transmission.

Ensure you are within the effective operating range of your receiver (up to 10 meters, depending on environmental factors and receiver sensitivity).

7. MAINTENANCE

- **Cleaning:** Wipe the remote control with a soft, dry cloth. Do not use abrasive cleaners, solvents, or immerse the device in water.

- **Battery Replacement:** Replace the AAA battery when the LED indicator becomes dim or the remote's range decreases significantly. Follow the battery installation steps in Section 5.1.

- **Storage:** Store the remote control in a cool, dry place away from direct sunlight and extreme temperatures when not in use for extended periods.

8. TROUBLESHOOTING

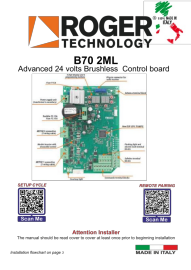| Problem	Possible Cause	Solution
Remote does not work after programming.	Incorrect programming; incompatible original remote; low battery.	Re-attempt programming carefully following Section 5.2. Ensure the original remote is fixed code and 433.92 MHz. Replace battery.
LED does not light up when pressing a button.	Dead or incorrectly installed battery.	Check battery polarity or replace with a new AAA battery.
Reduced operating range.	Low battery; interference; obstruction.	Replace battery. Ensure clear line of sight to receiver. Move away from sources of interference.
Cannot clear existing code (LED doesn't flash rapidly).	Buttons not pressed simultaneously or long enough.	Ensure both buttons are pressed firmly and held for the required duration (5-10 seconds).

9. SPECIFICATIONS

Feature	Detail
Model Number	E80/TX52R/2
Brand	ROGER TECHNOLOGY
Frequency	433.92 MHz
Number of Channels	2
Code Type	Fixed Code (with copy function)
Power Source	1 x AAA Battery
Max Range	Up to 10 meters (33 feet)
Color	Light Grey
Compatible Devices	Home automation devices, household appliances (with compatible 433.92 MHz fixed code receivers)

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided at the point of purchase or contact your retailer. ROGER TECHNOLOGY products are designed for reliability, and support is available for any operational issues or inquiries.

For further assistance, you may visit the official ROGER TECHNOLOGY website or contact their customer service department. Please have your model number (E80/TX52R/2) ready when seeking support.

Related Documents - E80/TX52R/2

	ROGER TECHNOLOGY Serie H30 Sliding Gate Automation - Installation Manual This manual provides comprehensive installation instructions, safety precautions, technical data, and contact information for the ROGER TECHNOLOGY Serie H30 sliding gate automation systems.
	Roger Technology H30 Series Automation for Sliding Gates - Installation and User Guide Comprehensive guide for Roger Technology's H30 series automation systems for sliding gates. Covers product descriptions, technical data, installation procedures, electrical connections, and manual release operations.
	Roger Technology B70 2ML Brushless Control Board Installation and Wiring Manual Comprehensive guide for installing and wiring the Roger Technology B70 2ML advanced 24 volts brushless control board for gate automation systems. Includes safety information, setup procedures, and accessory connections.
	Roger Technology Automation Systems Catalog: Gate and Door Solutions Discover Roger Technology's comprehensive range of gate and door automation systems, including sliding gates, swing gates, sectional doors, and overhead doors. Explore detailed product specifications, features, and electronic components.
	EDGE1 Centrale di Comando per Cancelli Battenti - Manuale di Installazione Manuale di installazione per la centrale di comando ROGER TECHNOLOGY EDGE1, versione P4.30, per cancelli battenti. Include istruzioni di sicurezza, specifiche tecniche, collegamenti, configurazione parametri e guida alla risoluzione dei problemi.

[Roger Technology BE20 Swing Gate Automation Installation Manual](#)
This document provides installation instructions, recommendations, and safety precautions for the Roger Technology BE20 series swing gate automation system. It covers general safety, technical data, model specifications, installation procedures, and electrical connections.