

LEGO 8884

LEGO Power Functions IR Receiver 8884 Instruction Manual

Your guide to remote control functionality for LEGO models.

INTRODUCTION

The LEGO Power Functions IR Receiver 8884 is a key component designed to add remote control capabilities to your LEGO creations. This infrared receiver allows you to wirelessly control motors, lights, and other Power Functions elements when paired with a compatible LEGO Power Functions IR Remote Control (sold separately). This manual provides essential information for proper setup, operation, and maintenance of your IR Receiver.



Image: The LEGO Power Functions IR Receiver 8884 unit. This component receives infrared signals from a remote control to operate connected LEGO Power Functions elements.

SETUP

Follow these steps to correctly set up your LEGO Power Functions IR Receiver:

1. **Connect to Power Source:** Plug the IR Receiver into a LEGO Power Functions Battery Box. Ensure the battery box has fresh batteries and is switched ON.
2. **Connect Output Components:** Connect your desired LEGO Power Functions motors, lights, or other accessories to the two output ports (labeled A and B) on the IR Receiver.
3. **Select a Channel:** The IR Receiver has a channel selector switch (usually a small orange switch). Choose one of the four available channels (1, 2, 3, or 4).
4. **Pair with Remote Control:** Ensure your LEGO Power Functions IR Remote Control (sold separately) is set to the **same channel** as the IR Receiver.
5. **Positioning:** For optimal performance, position the IR Receiver so that its infrared sensor (the dark, translucent part) has a clear line of sight to where you will be operating the remote control. Avoid obstructions.

OPERATING

Once set up, operating the IR Receiver is straightforward:

- **Power On:** Ensure the connected Power Functions Battery Box is switched ON.
- **Remote Control:** Use the corresponding levers or buttons on your IR Remote Control to operate the

components connected to the IR Receiver's output ports.

- **Output Ports:** Each output port (A and B) on the receiver corresponds to a specific control on the remote. For motors, moving the lever typically controls direction and speed. For lights, it usually toggles them on or off.
- **Range:** The effective range of the IR Receiver is typically several meters, but this can be affected by ambient light conditions and obstructions.

MAINTENANCE

To ensure the longevity and optimal performance of your IR Receiver, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the IR Receiver with a dry, soft cloth to remove dust. Avoid using water or cleaning solutions, as these can damage the electronic components.
- **Storage:** Store the IR Receiver in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** While the IR Receiver itself does not use batteries, ensure the connected Power Functions Battery Box has fresh batteries. Remove batteries from the battery box if the model will not be used for an extended period to prevent leakage.
- **Handling:** Handle the IR Receiver with care. Avoid dropping it or subjecting it to excessive force, which could damage internal components.

TROUBLESHOOTING

If you encounter issues with your IR Receiver, refer to the following troubleshooting tips:

Problem	Possible Cause	Solution
Receiver not responding	• Battery box is off or batteries are depleted. • Incorrect channel selected on receiver or remote. • No clear line of sight between remote and receiver. • Loose connections.	• Ensure battery box is ON and replace batteries if necessary. • Verify both receiver and remote are set to the same channel (1-4). • Reposition the receiver or remote for a clear path. • Check all cable connections to the receiver and battery box.
Limited operating range	• Obstructions blocking the IR signal. • Strong ambient light (e.g., direct sunlight).	• Ensure the receiver's sensor is not blocked by LEGO bricks or other objects. • Operate in an area with less direct bright light.
Intermittent control	• Weak batteries in the remote control. • Interference from other IR devices.	• Replace batteries in the IR Remote Control. • Move away from other devices that emit infrared signals.

SPECIFICATIONS

- **Brand:** LEGO
- **Model Number:** 8884

- **Material Type:** Plastic
- **Product Dimensions:** 14 x 11 x 1.1 cm (approximately 5.5 x 4.3 x 0.4 inches)
- **Product Weight:** 0.04 pounds (approximately 18 grams)
- **Educational Objective:** Construction skills, Imagination development
- **Assembly Required:** No
- **ASIN:** B00440E2GK
- **GTIN/UPC:** 00673419128575, 00673419243902, 673419128575, 679113866799, 885210839349, 673419243902, 885317847506, 701233001160, 673419104579

WARRANTY AND SUPPORT

For detailed warranty information, product support, or to purchase replacement parts, please visit the official LEGO website or contact LEGO customer service directly. Specific warranty terms may vary by region and purchase date.

Official LEGO Website: www.lego.com

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

