

Selve i-R Receive (29 87 71)

Selve i-R Receive Radio Receiver Instruction Manual

Model: i-R Receive (29 87 71)

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Selve i-R Receive radio receiver. Please read this manual carefully before installation and operation to ensure proper function and safety. The Selve i-R Receive is designed to receive radio signals from Selve radio transmitters operating at 868 MHz, enabling control of connected devices such as roller shutters or awnings.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions:

- Installation must be performed by a qualified electrician in accordance with local electrical codes and regulations.
- Disconnect power before performing any installation, maintenance, or troubleshooting.
- Do not expose the device to moisture or extreme temperatures.
- Ensure proper grounding to prevent electrical shock.
- Do not open the device housing. There are no user-serviceable parts inside.

3. PRODUCT OVERVIEW

The Selve i-R Receive is a compact radio receiver designed for integration into electrical systems. It features terminals for input and output connections and a programming button.



Figure 3.1: Front view of the Selve i-R Receive showing input/output terminals and programming button.

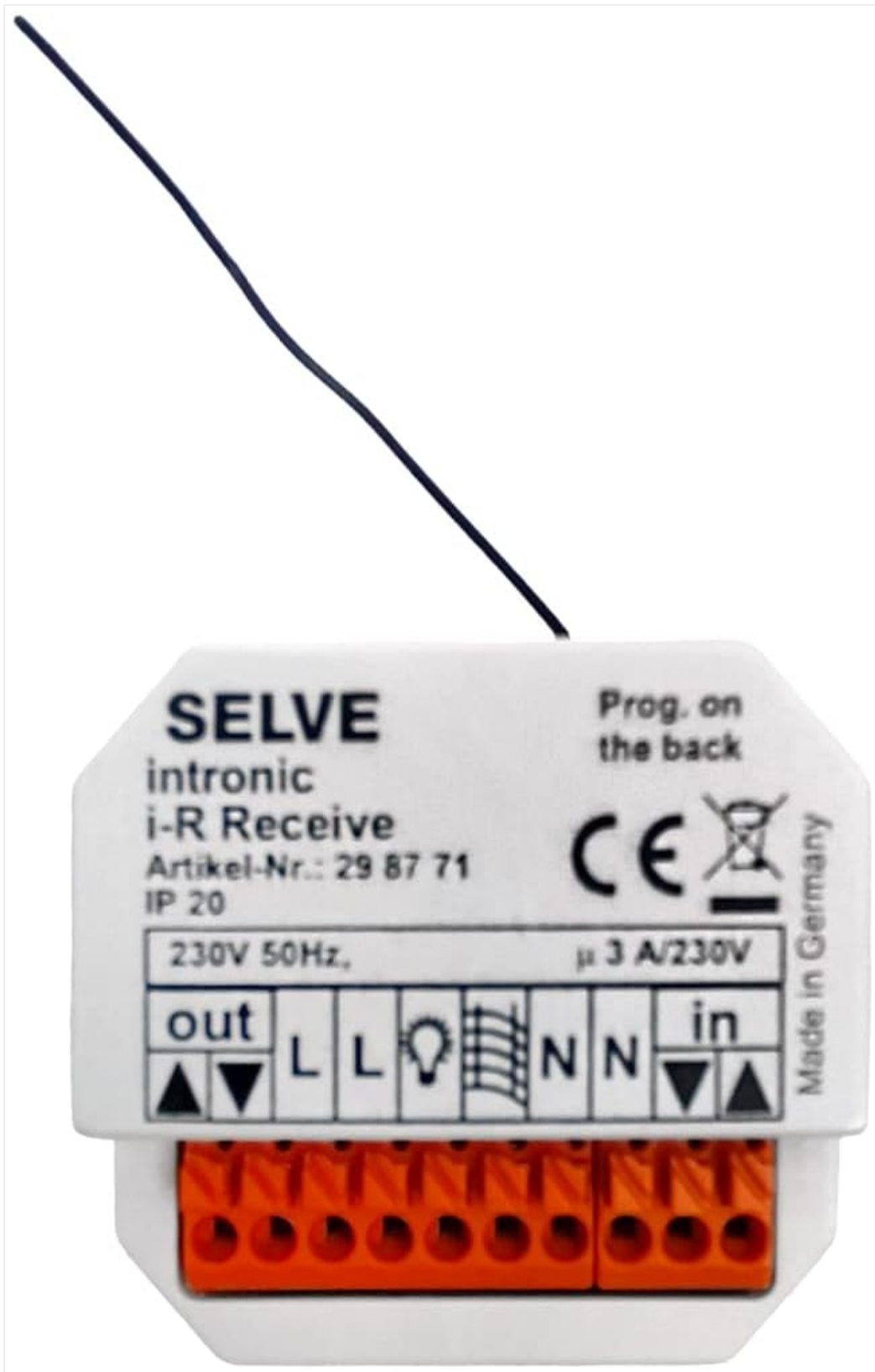


Figure 3.2: Rear view of the Selve i-R Receive indicating the programming button location.



Figure 3.3: Angled view of the Selve i-R Receive, highlighting its compact design.



Figure 3.4: The Selve i-R Receive unit alongside its packaging.



Figure 3.5: Bottom view of the Selve i-R Receive, showing the "PROG" label and button.



Figure 3.6: Side view of the Selve i-R Receive, illustrating the antenna cable exit point.

SELVE i-R Receive

Funktionsbeispiel

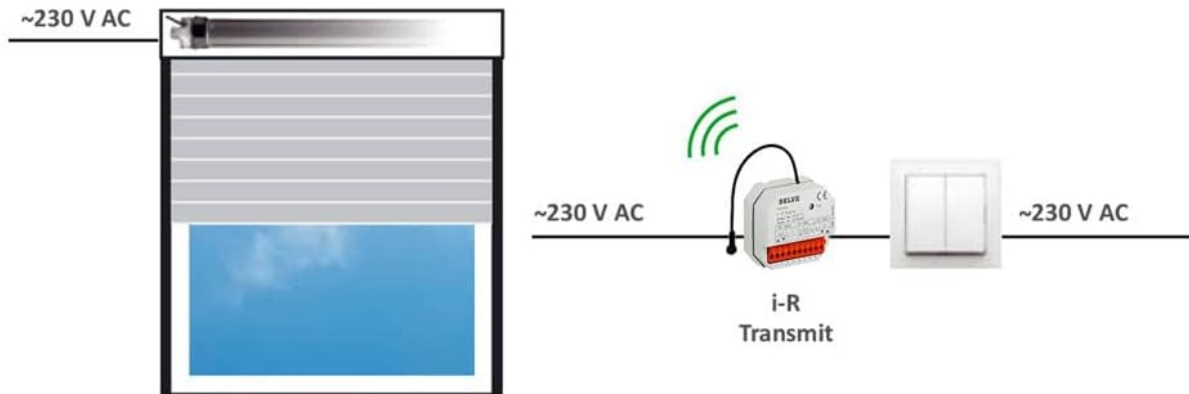


Figure 3.7: Functional example diagram showing the Selve i-R Receive connected to a roller shutter and controlled by an i-R Transmit unit.

4. TECHNICAL SPECIFICATIONS

Feature	Detail
Model	i-R Receive (Artikel-Nr.: 29 87 71)
Operating Frequency	868 MHz
Input Voltage	230V 50Hz
Output Current/Voltage	Max. 3 A / 230V
Protection Class	IP 20
ASIN	B007E5L328

Feature	Detail
Manufacturer Reference	YUNHAI

5. SETUP AND INSTALLATION

Important: Installation must be carried out by a qualified electrician. Disconnect the main power supply before beginning installation.

5.1 Wiring Connections

Refer to the wiring diagram on the device and in Figure 3.7 for correct connections. The terminals are typically labeled as follows:

- **IN:** Power input (L - Live, N - Neutral).
- **OUT:** Output to the motor/device (e.g., for roller shutters: Up, Down, Neutral).
- Ensure all connections are secure and properly insulated.

5.2 Mounting

The i-R Receive is designed for flush-mounted installation behind a switch or in a junction box. Ensure adequate space for ventilation and wiring.

5.3 Antenna Placement

The integrated antenna should be positioned freely and not be coiled or placed near large metal objects, which could interfere with signal reception.

6. OPERATING INSTRUCTIONS

6.1 Pairing with a Transmitter

To control the i-R Receive, it must first be paired with a compatible Selve radio transmitter (e.g., Selve i-R Transmit). The programming button is located on the back of the unit (see Figure 3.2 and 3.5).

1. Ensure the i-R Receive is powered on.
2. Press the programming button on the i-R Receive briefly (approx. 1 second). The connected device may briefly react (e.g., a short movement of a roller shutter) to indicate it is in pairing mode.
3. Within approximately 10 seconds, press the desired "UP" or "DOWN" button on your Selve radio transmitter.
4. The connected device should react again, confirming successful pairing.
5. Repeat for additional transmitters if desired.

6.2 Basic Operation

Once paired, the i-R Receive will respond to commands from the linked Selve radio transmitter:

- Pressing the "UP" button on the transmitter will activate the 'Up' output.
- Pressing the "DOWN" button on the transmitter will activate the 'Down' output.
- A "STOP" or middle button (if available on the transmitter) will halt the current movement.

7. MAINTENANCE

The Selve i-R Receive is designed for maintenance-free operation. No regular maintenance is required.

- **Cleaning:** If necessary, gently wipe the exterior with a dry, soft cloth. Do not use liquid cleaners or solvents.
- **Inspection:** Periodically check wiring connections for looseness or damage. Ensure the device is not exposed to excessive heat or moisture.

Do not attempt to open or repair the device. Refer to qualified personnel for any issues beyond basic operation.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not respond to transmitter.	Not paired, transmitter battery low, out of range, power supply issue.	<ul style="list-style-type: none">◦ Ensure power is supplied to the i-R Receive.◦ Re-attempt pairing (see Section 6.1).◦ Check/replace transmitter batteries.◦ Move closer to the receiver.
Intermittent operation.	Radio interference, antenna obstruction, loose wiring.	<ul style="list-style-type: none">◦ Check antenna placement; ensure it's not near metal.◦ Check for other 868 MHz devices causing interference.◦ Verify all wiring connections are secure.
Device does not power on.	No power supply, incorrect wiring, faulty unit.	<ul style="list-style-type: none">◦ Check circuit breaker and power source.◦ Verify wiring according to Section 5.1.◦ If issues persist, contact customer support.

9. WARRANTY AND SUPPORT

Selve products are manufactured to high quality standards. For warranty information, please refer to the terms and conditions provided at the point of purchase or visit the official Selve website.

For technical support or service inquiries, please contact your authorized Selve dealer or the Selve customer service department. When contacting support, please have your product model (i-R Receive, 29 87 71) and ASIN (B007E5L328) ready.

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Note: Contact details are for informational purposes and may vary. Please refer to the official Selve website for the most current contact information.

10. DISPOSAL

Do not dispose of electrical devices with household waste. In accordance with the European Directive on Waste Electrical and Electronic Equipment (WEEE), electrical and electronic equipment must be collected separately and recycled in an environmentally sound manner. Contact your local authorities for information regarding proper disposal and recycling facilities.

