

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [ECTIVE](#) /

> [ECTIVE RC2 Remote Control User Manual for TSI Inverters](#)

ECTIVE RC2

ECTIVE RC2 Remote Control User Manual

Model: RC2

1. INTRODUCTION

The ECTIVE RC2 Remote Control is designed to provide convenient monitoring and control for compatible ECTIVE TSI inverters. This unit allows users to remotely manage their inverter's functions and monitor its status, including charge level indication.

Compatibility: The RC2 remote control is compatible with the latest generation of ECTIVE TSI inverters, specifically models TSI 5, TSI 10, TSI 15, TSI 25, and TSI 30.

Important Note: This remote control is **not** compatible with ECTIVE inverter models TSI152/154, TSI202/204, TSI252/254, and TSI302/304. Always verify compatibility with your specific inverter model before installation. Using an incompatible remote control may result in damage to your inverter.

2. PACKAGE CONTENTS

Please ensure all items are present and undamaged upon opening the package.

- ECTIVE RC2 Remote Control Unit
- Connection Cable (RJ45)
- Installation and Operating Instructions (this manual)

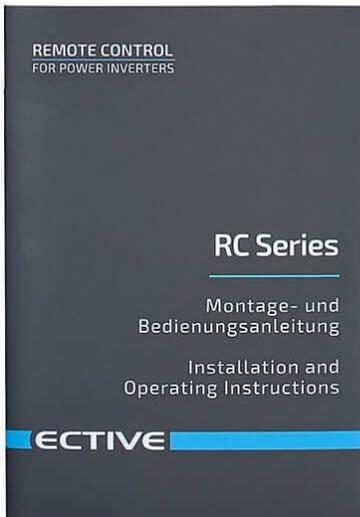


Image 2.1: Contents of the ECTIVE RC2 Remote Control package, showing the remote unit, its box, the connection cable, and the instruction manual.

3. SETUP AND INSTALLATION

The ECTIVE RC2 remote control is designed for panel mounting. Follow these steps for proper installation and connection.

1. **Choose a Mounting Location:** Select a suitable flat surface for mounting the remote control. Ensure there is enough space behind the panel for the connection cable.
2. **Prepare the Opening:** Based on the dimensions provided in the specifications, cut an appropriate opening in your chosen panel.
3. **Connect the Cable:** Locate the RJ45 port on the back of the RC2 remote control. Connect one end of the provided RJ45 cable to this port.
4. **Connect to Inverter:** Connect the other end of the RJ45 cable to the designated remote control port on your compatible ECTIVE TSI inverter. Refer to your inverter's manual for the exact location of this port.
5. **Mount the Remote Control:** Insert the RC2 unit into the prepared opening. Secure it using appropriate fasteners (not included) through the mounting holes.
6. **Power On:** Once securely installed and connected, power on your ECTIVE TSI inverter. The RC2 remote control should automatically power on and display the inverter's status.



Image 3.1: Rear view of the ECTIVE RC2 Remote Control, highlighting the RJ45 connection port for the inverter cable and the four mounting holes.

ECTIVE

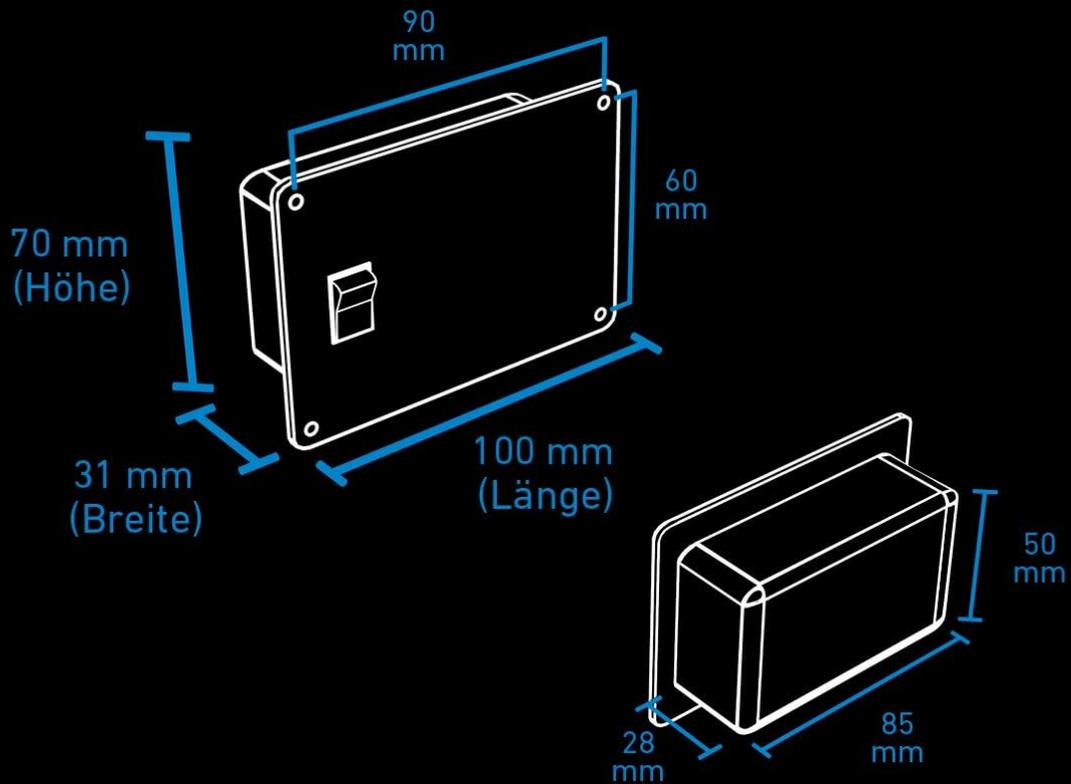


Image 3.2: Dimensional diagram of the ECTIVE RC2 Remote Control, providing measurements for panel cutout and overall unit size.

4. OPERATION

The ECTIVE RC2 remote control provides a simple interface for monitoring and controlling your inverter.

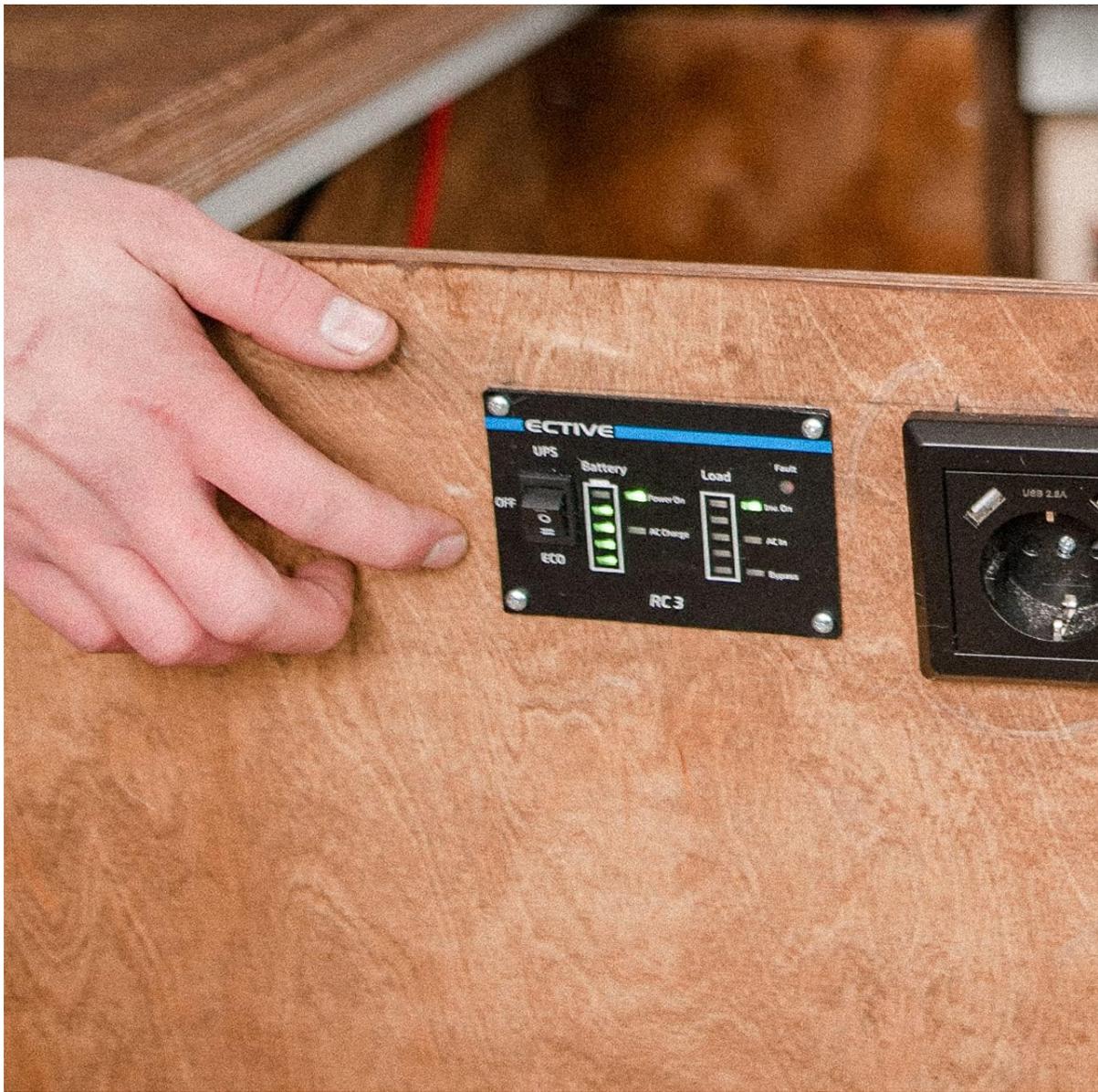


Image 4.1: A user interacting with the ECTIVE RC2 Remote Control, demonstrating its display and power switch in an installed setting.

4.1. Power Switch

The remote control features a single switch, typically labeled "OFF" and "ON" or similar, which controls the power state of the connected inverter. Toggle this switch to turn the inverter on or off remotely.

4.2. Status Indicators

The display on the RC2 unit provides visual feedback on the inverter's operational status:

- **UPS/Battery Level:** Indicates the current charge level of the battery connected to the inverter.
- **Load Level:** Shows the current output load on the inverter.
- **Power On:** Illuminates when the inverter is actively supplying power.
- **AC Charge:** Indicates when the inverter is charging the battery from an AC source.
- **AC In:** Shows that an AC input source is connected.
- **Bypass:** Indicates when the inverter is in bypass mode.
- **Fault:** Illuminates to indicate an error or fault condition in the inverter. Refer to your inverter's manual for fault code interpretations.
- **ECO Mode:** If applicable, indicates when the inverter is operating in ECO (economy) mode.

For detailed information on specific indicator behaviors and troubleshooting, consult the user manual of your ECTIVE TSI inverter.

5. MAINTENANCE

The ECTIVE RC2 Remote Control requires minimal maintenance to ensure long-term performance.

- **Cleaning:** Wipe the surface of the remote control with a soft, dry cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the casing and display.
- **Connections:** Periodically check the RJ45 connection cable to ensure it is securely plugged into both the remote control and the inverter. Loose connections can lead to intermittent operation.
- **Environment:** Ensure the remote control is installed in a dry environment, away from direct sunlight, extreme temperatures, and excessive dust or moisture.

6. TROUBLESHOOTING

If you experience issues with your ECTIVE RC2 Remote Control, try the following troubleshooting steps:

- **No Display/No Power:**
 - Ensure the inverter is powered on. The remote control draws power from the inverter.
 - Check the RJ45 connection cable at both ends (remote control and inverter) to ensure it is securely connected.
 - Inspect the cable for any visible damage. If damaged, replace it with a compatible RJ45 cable.
- **Inverter Not Responding to Remote:**
 - Verify that your inverter model is listed as compatible with the RC2 remote control (refer to Section 1: Introduction).
 - Ensure the remote control is properly connected to the designated remote port on the inverter.
 - Try restarting the inverter.
- **Incorrect Readings/Indicators:**
 - Compare the readings on the remote control with the indicators directly on the inverter (if available).
 - Ensure the connection cable is not damaged or experiencing interference.
 - If discrepancies persist, consult your inverter's user manual or contact ECTIVE support.

For more complex issues, refer to the troubleshooting section of your ECTIVE TSI inverter manual or contact ECTIVE customer support.

7. SPECIFICATIONS

Brand	ECTIVE
Model Name	RC2
Item Model Number	RC2
Part Number	RC Remote Control

Manufacturer	ECTIVE
Connectivity Technology	High-frequency
Number of Buttons	1
Maximum Range	10 Meters
Battery Description	<i>Alkaline (Note: The remote control is powered by the inverter, this likely refers to internal components or a potential backup battery not user-replaceable)</i>
ASIN	B086WLL2GC

Note: Dimensions for installation can be found in Image 3.2.

8. WARRANTY AND SUPPORT

Specific warranty information for the ECTIVE RC2 Remote Control is typically provided with your purchase documentation or can be found on the official ECTIVE website. Please retain your proof of purchase for warranty claims.

For technical support, troubleshooting assistance beyond this manual, or warranty inquiries, please contact ECTIVE customer service through their official website or the contact information provided with your product.

Online Resources: For the most up-to-date information, product registration, and additional support resources, visit the official ECTIVE website.