

## Noritz RC-J101E

# Noritz RC-J101E Multi-Remote Control Instruction Manual

Model: RC-J101E

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient use of your Noritz RC-J101E Multi-Remote Control. Please read this manual thoroughly before installation and operation, and keep it for future reference.

The Noritz RC-J101E Multi-Remote Control set is designed to enhance the functionality and user experience of compatible Noritz water heaters, specifically the OTQ-C4706 series. It features advanced eco-functions, an easy-to-read organic EL display, and intuitive controls to help manage your hot water usage efficiently.

## 2. SAFETY INFORMATION

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**WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.**

- Installation must be performed by a qualified professional in accordance with all local and national codes and regulations.
- Always disconnect power to the water heater before performing any installation or maintenance.
- Do not attempt to repair or modify the remote control yourself. Contact qualified service personnel for repairs.
- Ensure all connections are secure and properly insulated to prevent electrical hazards.
- Keep the remote control away from water and excessive humidity to prevent damage.

**Important Note for Installers:** Installation must comply with the following laws and standards:

- Technical Standards for Electrical Equipment
- Electrician's Act
- Internal Wiring Regulations
- Electrical Appliance and Material Safety Act
- Building Standards Act
- Prefectural and Municipal Ordinances
- Fire Service Act
- Gas Business Act

- Liquefied Petroleum Gas Act
- Installation Standards and Practical Guidelines for Gas Appliances (issued by Japan Gas Appliances Inspection Association)

Failures or damages resulting from installation that does not meet specified conditions will be subject to paid repair even within the warranty period.

### 3. PRODUCT OVERVIEW

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The Noritz RC-J101E Multi-Remote Control set includes both a kitchen remote and a bathroom remote, designed for seamless control of your water heater system.

#### Key Features:

- **Enhanced Eco-Functions:** Optimized for energy saving with various eco-modes.
- **Organic EL Display:** Provides clear visibility from various angles with large, smooth text.
- **Enerlook Function:** Visualizes kerosene and hot water usage, and CO2 emissions with a ring-shaped graph.
- **Eco-Switch Function:** One-touch activation for saving shower water and preventing unnecessary bath heat retention.
- **Keep Warm Time Button:** Easily adjust bath heat retention duration to match family bathing schedules.
- **User-Friendly Operation Switches:** Frequently used switches are grouped for intuitive access.

#### Components and Dimensions:

- **Kitchen Remote (RC-J101ME):** W120 x H120 x D17.4 mm
- **Bathroom Remote (RC-J101SE):** W200 x H100 x D21.4 mm

エコ機能をグレードアップ！

見やすさも操作性も一段と向上させたエコリモコン。



■台所リモコン (H120×W120×D17.4mm)



### エネルギー機能

青とオレンジのカラー表示で、灯油とお湯の使用状況やCO<sub>2</sub>排出量を簡単に確認できる、分かりやすい表示です。リング状のグラフ表示になっており、現在の使用状況はもちろん、使いすぎが一目でわかります。



### 有機EL表示画面

ナナメの角度からでも見やすい有機EL表示を採用しました。文字サイズを大きくし、つなぎの無いなめらかな表示を採用。キッチンで作業中でも、お風呂の入浴中でも、見やすくなりました。



リモコン本体は艶消しの上質な表面仕上げです。台所リモコンは照明スイッチと同じサイズなので、インテリアにもピッタリ馴染みます。



**Figure 1:** Noritz RC-J101E Kitchen Remote Control Display. This image shows the main kitchen remote display, highlighting the Enerlook function with blue and orange indicators for energy usage and CO<sub>2</sub> emissions. It also displays current time and temperature settings.



■浴室リモコン (H100×W200×D21.4mm)



## エコスイッチ機能

ワンタッチでシャワーの使い過ぎや無駄なおふろの保温をセーブできます。簡単エコライフはリモコンからはじまります。



### 最適風呂自動エコ運転

エコ効果の最も高い熱効率でお湯はりをします。省エネ最優先運転です。

### 給湯温度少しひかえめ

シャワー時などに自動的に給湯温度を1℃下げます。  
※数値は目安です。



### お湯はり少しひかえめ

自動お湯はりの水位を1cm低くします。  
※フルオートの場合。  
オートタイプは設定湯量より-10L。

### 保温温度少しひかえめ

リモコンの風呂温度表示はそのまま、約1℃低い温度で保温します。  
※こぎげんオート(フルオートタイプ)作動時は、風呂設定温度まで追いだきをします。

### 給湯量少しひかえめ

少しだけ湯量を絞ります。湯量は8L、10L、12L、OFF(上限なし)に可変できます。

エコスイッチONによる  
給湯ランニングコストメリット  
約14,070円/年

〈条件〉出湯量12L/分から10L/分に節水した際の比較  
給湯温度: 39℃ 給水温度: 11℃  
使用時間: 5分/人×4人 使用日数/365日  
※ランニングコストの計算はP.75をご参照ください。

## 保温時間ボタン付き

家族の入浴時間帯を考えて、保温を継続する時間を簡単に設定できます。無駄な保温を防ぎ、簡単に節約できます。

保温時間

## 使いやすい操作スイッチ

よく使うスイッチを1列にまとめてわかりやすく、使いやすくしました。



**Figure 2:** Noritz RC-J101E Bathroom Remote Control Display. This image illustrates the bathroom remote's interface, featuring buttons for volume, eco-mode, keep warm time, and water level adjustments. It emphasizes the eco-friendly operational modes.

## 4. SETUP AND INSTALLATION

The installation of the Noritz RC-J101E Multi-Remote Control requires professional expertise. Please ensure that a qualified

installer performs the setup according to the provided installation manual and all relevant safety regulations.

Installation Precautions:

- Refer to the separate installation manual for detailed wiring diagrams and mounting instructions.
- Ensure compatibility with your Noritz water heater model (e.g., OTQ-C4706 series).
- All necessary parts not included with the product must be prepared by the customer.
- The customer is responsible for arranging the installation and related work.
- Damages due to construction delays caused by product delays cannot be compensated. Please understand.

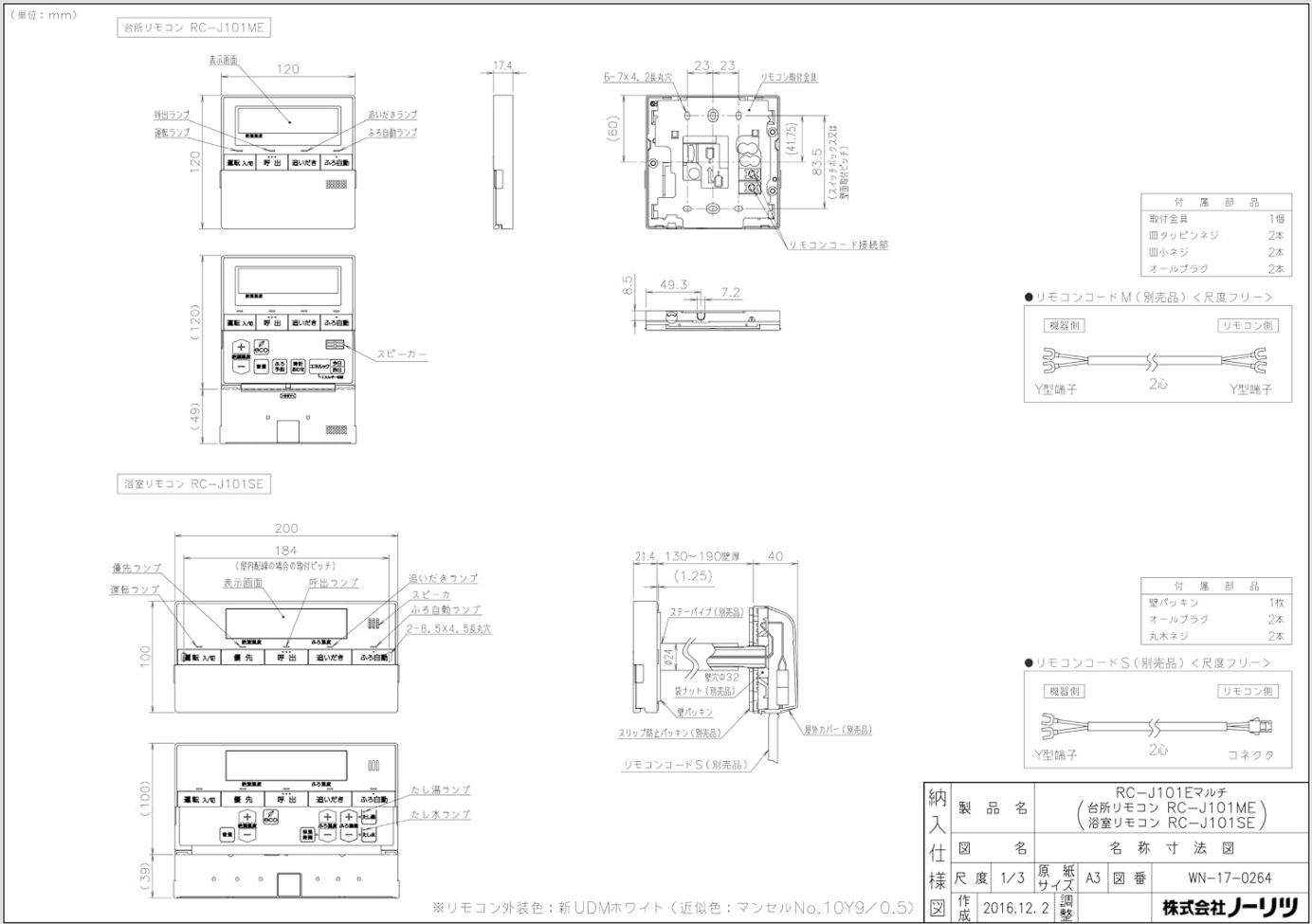


Figure 3: Technical Drawings and Dimensions for Noritz RC-J101ME (Kitchen Remote) and RC-J101SE (Bathroom Remote). This image provides detailed measurements and component layouts for both remote units, essential for proper installation planning.

5. OPERATING INSTRUCTIONS

The RC-J101E Multi-Remote Control offers intuitive operation for various water heater functions. The main controls are located on the kitchen remote, with supplementary controls on the bathroom remote.

Basic Operation:

- **Power On/Off:** Use the designated power button to turn the water heater system on or off.
- **Temperature Adjustment:** Use the up/down arrows to set your desired hot water temperature.
- **Bath Fill (Automatic):** Press the "Auto Bath Fill" button to automatically fill the bathtub to the preset level and temperature.

Eco-Functions:

- **Enerlook Display:** Monitor your energy consumption and CO2 emissions in real-time on the kitchen remote's organic EL

display. The ring-shaped graph provides a quick visual of current usage.

- **Eco-Switch:** Press the "Eco" button to activate energy-saving modes.
  - **Optimal Bath Auto Eco Operation:** Automatically fills the bath with the highest thermal efficiency.
  - **Slightly Lower Hot Water Supply Temperature:** Reduces shower water temperature by approximately 1°C during use.
  - **Slightly Lower Hot Water Filling:** Reduces automatic bath fill level by 1cm (for full auto type) or 10L (for auto type).
  - **Slightly Lower Keep Warm Temperature:** Maintains bath water at approximately 1°C lower than the displayed temperature.
  - **Slightly Lower Hot Water Supply Volume:** Adjusts hot water volume to 8L, 10L, 12L, or OFF (unlimited).
- **Keep Warm Time Button:** On the bathroom remote, use this button to set the duration for which the bath water should remain warm, preventing unnecessary energy use.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your remote control system. Always disconnect power to the water heater before performing any maintenance.

- **Cleaning:** Wipe the remote control surfaces with a soft, dry cloth. Do not use abrasive cleaners, solvents, or spray directly with water.
- **Inspection:** Periodically check for any visible damage to the remote controls or their wiring. If any damage is found, contact a qualified service technician.
- **Professional Servicing:** It is recommended to have your water heater system, including the remote controls, inspected by a qualified technician annually.

## 7. TROUBLESHOOTING

If you encounter issues with your Noritz RC-J101E Multi-Remote Control, refer to the following common problems and solutions. For more complex issues, contact customer support.

| Problem                            | Possible Cause                                          | Solution                                                                                                       |
|------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Remote display is blank.           | No power to the water heater or remote control.         | Check the main power supply to the water heater. Ensure all connections are secure.                            |
| Remote not responding to commands. | Loose connection or internal malfunction.               | Ensure the remote is properly connected. If the issue persists, contact service.                               |
| Temperature setting not changing.  | Water heater malfunction or remote communication error. | Restart the water heater system. If the problem continues, consult the water heater manual or contact service. |
| Eco-functions not activating.      | Incorrect settings or system error.                     | Ensure the "Eco" button is pressed. Refer to the operating instructions for specific eco-mode activation.      |

## 8. SPECIFICATIONS

| Feature | Detail |
|---------|--------|
| Brand   | Noritz |

| Feature                                | Detail                                                                                                                                                                      |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model Number                           | RC-J101E (Part No. 0708489)                                                                                                                                                 |
| Compatible Water Heater Series         | OTQ-C4706 series                                                                                                                                                            |
| Kitchen Remote Dimensions (W x H x D)  | 120 x 120 x 17.4 mm                                                                                                                                                         |
| Bathroom Remote Dimensions (W x H x D) | 200 x 100 x 21.4 mm                                                                                                                                                         |
| Color                                  | White                                                                                                                                                                       |
| Item Weight                            | 820 g (total package weight)                                                                                                                                                |
| Included Accessories                   | Kitchen remote (x1), Bathroom remote (x1), Mounting hardware (x1), Pan tapping screws (x2), Pan head screws (x2), All plugs (x4), Wall packing (x1), Round wood screws (x2) |

## 9. WARRANTY AND SUPPORT

Noritz products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your water heater or contact Noritz customer service.

- **Warranty Exclusions:** Please note that failures and damages caused by installation that does not meet specified conditions will be subject to paid repair, even within the warranty period.
- **Customer Support:** For technical assistance, troubleshooting, or service requests, please contact Noritz customer support. Contact details can typically be found on the Noritz official website or in your water heater's main manual.
- **Online Resources:** Visit the official Noritz website for the latest product information, FAQs, and support documents.