

MINKA-AIRE WC400

Minka Aire WC400 DC Wall Control Instruction Manual

Model: WC400

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Minka Aire WC400 DC Wall Control. This wall control is designed to provide convenient control over compatible Minka Aire DC motor ceiling fans, offering fan speed adjustment, light dimming, and fan direction reversal. Please read these instructions thoroughly before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

- **WARNING:** To avoid possible electrical shock, ensure power is turned off at the circuit breaker or fuse box before installation or servicing.
- All electrical wiring must be performed by a qualified electrician and comply with all local and national electrical codes.
- Do not use this control with non-Minka Aire fans or fans not specified as compatible. Using an incompatible control may damage the fan or the control unit.
- This device is intended for indoor use only.
- Verify that the wall control model (WC400) matches the remote control model (RC400) that came with your fan for proper operation.

3. PACKAGE CONTENTS

The Minka Aire WC400 DC Wall Control package includes:

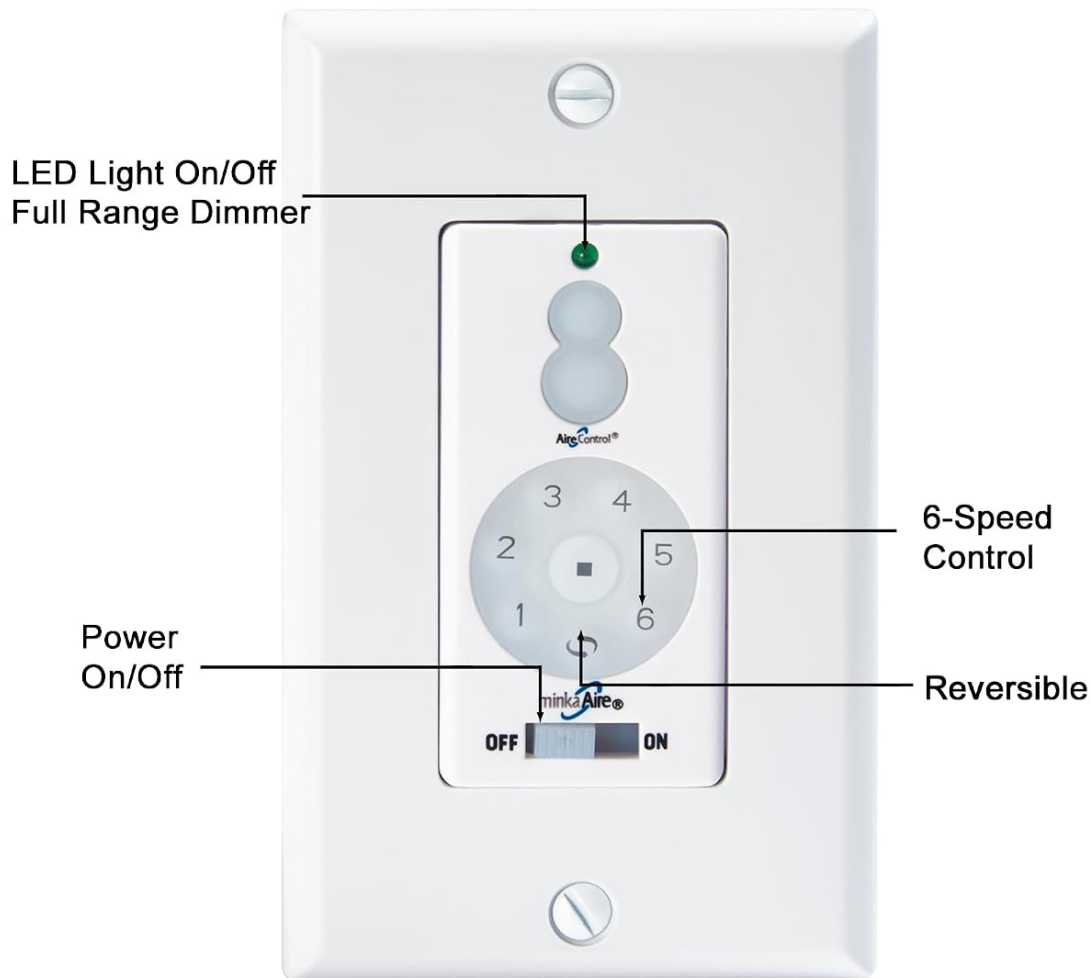
- WC400 Wall Control Unit
- Wall Plate
- Mounting Screws
- Interchangeable Faceplates (White, Ivory, Brown)
- Instruction Manual

4. PRODUCT FEATURES AND CONTROLS

The WC400 wall control offers comprehensive functionality for your compatible Minka Aire ceiling fan. Refer to the diagram below for button identification and function.

Wall Control

WC400



6-SPEED REVERSIBLE WALL CONTROL

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Figure 1: Minka Aire WC400 DC Wall Control with labeled functions. This image shows the white wall control unit with its central control panel. Labels point to the LED light on/off and full range dimmer at the top, the 6-speed control buttons (1-6) in the middle, the power on/off switch at the bottom left, and the reversible switch at the bottom right.

- **LED Light On/Off & Full Range Dimmer:** Controls the fan's light kit. Press to turn on/off. Hold to dim or brighten the light.
- **6-Speed Control:** Buttons labeled 1 through 6 adjust the fan speed from lowest (1) to highest (6).
- **Power On/Off:** A toggle switch to turn the entire fan unit (fan and light) on or off.
- **Reversible Function:** A switch to change the direction of the fan blades, allowing for seasonal use (downward airflow for cooling, upward airflow for heat circulation).
- **Operating Range:** The control operates effectively at distances of 20-40 feet, depending on building materials.



Figure 2: Detail of the LED light and dimmer control. This image provides a closer view of the top section of the control panel, showing the green LED indicator and the light control button.



Figure 3: Detail of the 6-speed fan control and reverse function. This image focuses on the circular fan speed buttons (1-6) and the curved arrow symbol for the reverse function at the bottom of the speed dial.

5. SETUP AND INSTALLATION

Installation of the WC400 wall control requires basic electrical knowledge. If you are unsure, consult a qualified electrician.

1. **Power Disconnection:** Before beginning any installation, ensure the electrical power to the fan circuit is turned off at the main circuit breaker or fuse box.
2. **Remove Existing Switch:** Carefully remove the existing wall switch or cover plate from the wall box. Disconnect any wiring.
3. **Wiring:** Connect the wires from the WC400 wall control to the corresponding wires in the wall box according to the wiring diagram provided with your fan or the wall control. Typically, this involves connecting Line In, Load Out (to fan), and Ground wires.
4. **Mounting:** Gently push the wired wall control into the wall box. Secure it with the provided mounting screws.

- 5. **Faceplate Installation:** Choose the desired faceplate (White, Ivory, or Brown) and attach it to the wall control unit.
- 6. **Power Restoration:** Once installation is complete and secure, restore power at the circuit breaker.
- 7. **Pairing (if necessary):** Some Minka Aire DC fans may require a pairing process between the wall control and the fan receiver. Refer to your specific fan's instruction manual for pairing procedures. The WC400 is designed to work with fans that originally came with an RC400 handheld remote.

6. OPERATING INSTRUCTIONS

Once installed, operate your Minka Aire WC400 DC Wall Control as follows:

- **Turning Fan On/Off:** Use the **Power On/Off** toggle switch at the bottom of the control panel.
- **Adjusting Fan Speed:** Press the numbered buttons **1** through **6** to select the desired fan speed. **1** is the lowest speed, and **6** is the highest.
- **Controlling Light:** Press the **LED Light On/Off** button (top button) to turn the light on or off. To dim or brighten the light, press and hold the same button until the desired brightness is achieved.
- **Reversing Fan Direction:** Use the **Reversible** switch to change the fan's rotation direction. This is useful for optimizing airflow for different seasons. Downward airflow is typically for cooling, and upward airflow helps circulate warm air in winter.

7. MAINTENANCE

The Minka Aire WC400 DC Wall Control requires minimal maintenance.

- **Cleaning:** To clean the surface of the wall control, wipe it gently with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish.
- **No User-Serviceable Parts:** The internal components of the wall control are not user-serviceable. Do not attempt to open or repair the unit.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Fan/Light does not respond to wall control.	◦ No power to the fan. ◦ Incorrect wiring. ◦ Wall control not paired with fan (if applicable). ◦ Incompatible wall control model.	◦ Check circuit breaker and wall switch. ◦ Verify wiring connections according to the fan's manual. ◦ Refer to your fan's manual for pairing instructions. ◦ Ensure the WC400 is compatible with your fan model (check for RC400 remote compatibility).
Inconsistent fan/light operation.	◦ Interference. ◦ Defective unit. ◦ Incorrect model match.	◦ Ensure the wall control is within the specified operating range (20-40 feet). ◦ Verify that the WC400 is the correct model for your fan (e.g., if your fan came with an RC400 remote). ◦ If issues persist, contact customer support.

Problem	Possible Cause	Solution
Light does not dim.	◦ Non-dimmable light bulbs. ◦ Incorrect light control setting.	◦ Ensure dimmable bulbs are installed in the fan's light kit. ◦ Press and hold the light button to activate the dimming function.

9. SPECIFICATIONS

- **Model:** WC400
- **Brand:** MINKA-AIRE
- **Color:** White (includes interchangeable faceplates for Ivory and Brown)
- **Controller Type:** Wall Control
- **Special Features:** 6-Speed Fan Control, Full Range Light Dimmer, Reversible Function
- **Operating Range:** 20-40 feet (depending on environment)
- **Dimensions (Approximate):**
 - Height: 4.875 inches
 - Width: 2.75 inches
- **Item Weight:** 0.44 Pounds
- **Compatibility:** Designed for Minka Aire DC fans that use the RC400 handheld remote.
- **Bond Compatible:** Yes, can connect to smart home systems via Smart by Bond technology.

Ideal for Indoor & Outdoor Spaces
Operates at Distances of 20-40'



6-SPEED REVERSIBLE WALL CONTROL

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Figure 4: Dimensions of the WC400 Wall Control. This image shows the wall control unit with its height labeled as 4.875 inches and width as 2.75 inches.



Figure 5: Bond Compatible logo. This image displays the "Bond Compatible" logo, signifying the wall control's ability to integrate with smart home systems via Bond technology.

10. COMPATIBILITY

The Minka Aire WC400 DC Wall Control is specifically designed for use with Minka Aire DC motor ceiling fans that utilize the RC400 handheld remote control. It is not compatible with non-Minka Aire fans or Minka Aire fans that use different remote control models.

Compatible Minka Aire ceiling fan models with a green indicator light on their controls include:

WC400

Wall Control Compatibility

Model	Fan Name	Model	Fan Name
F410L	Slant	F846	Wave II
F541L	Cone	F864L	Barn
F543L	Swept	F870	Windmollen
F683L	Shade	F887	Xtreme
F684L	Clean	F888L	Slipstream
F726	Spectre	F896-65	Xtreme H20
F736L	Gear	F896-84	Xtreme H2O
F747L	Timber 68"	F902L	Bling
F786	Simple 44"	F903L	Artemis IV
F787	Simple 52"	F905L	Artemis XL5
F788	Dreamstar	F988	Geant
F803DL	Artemis		
F828	Symbio		
F832L	Triple		

The logo for MinkaAire, featuring a blue arc above the brand name "minkaAire" in a sans-serif font.

Figure 6: WC400 Wall Control Compatibility List. This image presents a table of Minka Aire fan models (e.g., F410L Slant, F541L Cone, F786 Simple 44", F803DL Artemis, F846 Wave II, F887 Xtreme, F902L Bling) that are compatible with the WC400 wall control.

- F410L Slant
- F541L Cone
- F543L Swept
- F683L Shade
- F684L Clean
- F726 Spectre
- F736L Gear
- F747L Timber 68"
- F786 Simple 44"
- F787 Simple 52"
- F788 Dreamstar
- F803DL Artemis
- F828 Symbio

- F832L Triple
- F846 Wave II
- F864L Barn
- F870 Windmollen
- F887 Xtreme
- F888L Slipstream
- F896-65 Xtreme H20
- F896-84 Xtreme H20
- F902L Bling
- F903L Artemis IV
- F905L Artemis XL5
- F988 Geant

11. WARRANTY

This Minka Aire WC400 DC Wall Control comes with a **Limited Warranty**. For specific terms and conditions of the warranty, please refer to the documentation included with your original Minka Aire ceiling fan or contact Minka Aire customer service.

12. SUPPORT

If you encounter any issues or have questions regarding the installation or operation of your Minka Aire WC400 DC Wall Control that are not covered in this manual, please contact Minka Aire customer support or visit their official website for further assistance.

Minka Aire Official Website: www.minka-aire.com

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

Email

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

Details

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

Submit question