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› Minka Aire WC600 DC Wall Fan Control Instruction Manual

MINKA-AIRE WC600

Minka Aire WC600 DC Wall Fan Control

Instruction Manual

Model: WC600 | Brand: MINKA-AIRE

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Minka Aire WC600 DC Wall Fan Control. This wall control is designed to operate specific Minka Aire DC ceiling fans, including models F617L, F745, F847L, F899L, and F905L. Please read these instructions carefully before installation and use to ensure proper function and safety.

SAFETY INFORMATION

- **WARNING:** To avoid possible electrical shock, turn off electricity at the main fuse box or circuit breaker panel before beginning any installation.
- All wiring must be in accordance with national and local electrical codes. If you are unfamiliar with wiring, consult a qualified electrician.
- Do not use this control with any fan not specifically listed as compatible. Using an incompatible control may result in erratic operation or damage to the fan or control.
- Ensure the wall box is properly grounded.
- Do not install this control where it can be exposed to water or excessive moisture.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- WC600 Wall Control Unit
- Wall Plate (includes white, almond, and black faceplates)
- Mounting Screws (specific threading for this unit)
- Wire Connectors
- Instruction Manual

1. Compatibility Check

It is **imperative** to ensure this WC600 wall control is compatible with your specific Minka Aire DC fan. If your fan came with a remote control, locate the model number on the back of the remote. It will typically start with "RC" followed by numbers (e.g., RC600). The wall control unit (WC600) must match the remote control unit (RC600) for proper operation.

WC600

Remote Control Compatibility

Model	Fan Name
F617L	Raptor
F745	Sabot
F847L	Timber 84"
F868L	Sleek
F899L	Ninety-Nine
F905L	Artemis XL5
F1001	Dyno XL

The logo for MinkaAire, featuring the brand name in a sans-serif font with a blue arc above the 'A'.

Image: Compatibility chart showing WC600 compatibility with fan models F617L (Raptor), F745 (Sabot), F847L (Timber 84"), F868L (Sleek), F899L (Ninety-Nine), F905L (Artemis XL5), and F1001 (Dyno XL).

2. Wiring Instructions

1. **Turn off power:** Before starting, ensure the power to the fan circuit is turned off at the main electrical panel.
2. **Remove existing switch:** Carefully remove the existing wall switch from the wall box.
3. **Identify wires:** You will typically find a ground wire, a hot (line) wire, and a neutral wire. If you are unsure, consult a qualified electrician.
4. **Connect wires:** Connect the wires from the wall control to the corresponding wires in the wall box using the

provided wire connectors. Ensure all connections are secure.

5. **Mount the control:** Carefully place the wired control unit into the wall box and secure it with the provided mounting screws.

3. Dip Switch Setting

The WC600 wall control operates via radio frequency and must be synchronized with your fan's receiver. Locate the dip switches on the WC600 unit and on your fan's remote control (or receiver, if accessible). Set the dip switches on the WC600 to match the exact configuration of your fan's remote control. This ensures proper communication between the wall control and the fan.

4. Install Faceplate

Attach the desired color faceplate (white, almond, or black are included) over the installed wall control unit. Use the specific mounting screws provided with the WC600, as they may have different threading than standard switch plate screws.

OPERATING INSTRUCTIONS

The Minka Aire WC600 provides comprehensive control over your compatible DC ceiling fan and its integrated light kit. Refer to the diagram below for button functions.

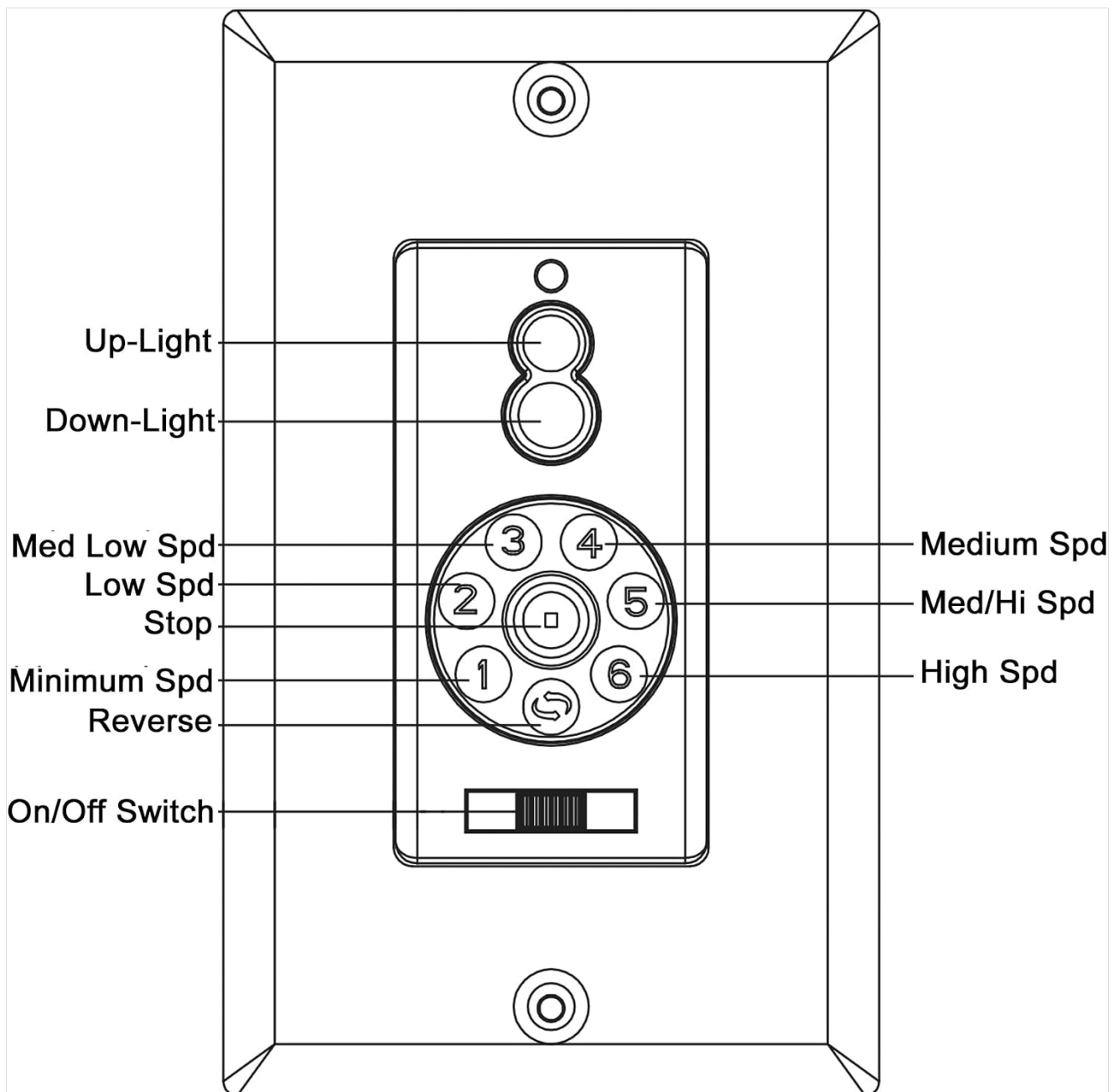


Image: Detailed view of the WC600 wall control with labels for Up-Light, Down-Light, Med Low Spd, Low Spd, Stop, Minimum Spd, Reverse, On/Off Switch, Medium Spd, Med/Hi Spd, High Spd.

- **Power On/Off Switch:** Located at the bottom, slide the switch to 'ON' or 'OFF' to control the main power to the fan and light.
- **Light Control:**
 - **Up-Light Button:** Press to turn the light ON or increase brightness.
 - **Down-Light Button:** Press to turn the light OFF or decrease brightness.
 - The light control offers full-range dimming.
- **Fan Speed Control:** The circular button array controls fan speed.
 - **Buttons 1-6:** Select fan speed from Minimum (1) to High (6).
 - **Stop Button (Center Square):** Press to turn the fan OFF.
- **Reverse Function:** The curved arrow button (below speed 1) controls the fan's direction. Press to reverse the fan's rotation for seasonal comfort (downward airflow for cooling, upward airflow for heat circulation).

MAINTENANCE

The Minka Aire WC600 wall control requires minimal maintenance. To clean, gently wipe the surface with a soft, dry cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or internal components. Ensure the power is off before cleaning.

TROUBLESHOOTING

- **Fan/Light operates erratically or not at all:**
 - Verify that the WC600 model is compatible with your fan's remote control (e.g., WC600 for RC600).
 - Check that the dip switches on the wall control match the dip switches on your fan's remote control.
 - Ensure all wiring connections are secure and power is supplied to the unit.
- **Light button stops working or light is always on:**
 - This may indicate an internal issue with the control unit. Contact Minka Aire customer support for assistance.
- **Handheld remote no longer works after wall control installation:**
 - Both the wall control and handheld remote should be able to operate the fan simultaneously if properly synchronized. Ensure the dip switches on both controls match the fan's receiver. If issues persist, contact customer support for programming guidance.

SPECIFICATIONS

Brand	MINKA-AIRE
Model Number	WC600
Product Type	Electronic Switch (Wall Fan Control)
Item Weight	5.92 ounces
Color	White (includes interchangeable faceplates)
Compatible Devices	Minka Aire DC Ceiling Fans (F617L, F745, F847L, F899L, F905L, etc.)
Controller Type	Remote Control (Wall-mounted)
Special Feature	Remote Controlled, 6-Speed Fan Control, Full-Range Light Dimmer, Reverse Function
Dimensions (Approx.)	4.875 inches (Height) x 2.75 inches (Width)

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



6-SPEED REVERSIBLE WALL CONTROL

minkaAire®

Image: Minka Aire WC600 Wall Control showing approximate dimensions of 4.875 inches in height and 2.75 inches in width.

WARRANTY INFORMATION

The Minka Aire WC600 DC Wall Fan Control comes with a limited warranty. For specific details regarding warranty coverage, duration, and claims process, please refer to the warranty documentation included with your purchase or visit the official Minka Aire website.

CUSTOMER SUPPORT

If you encounter any issues not covered in this manual, require technical assistance, or have questions regarding your Minka Aire WC600 DC Wall Fan Control, please contact Minka Aire customer support directly. Their knowledgeable team can provide further guidance and troubleshooting.

For contact information, please visit the official Minka Aire website or refer to the documentation provided with your product.

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