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YING RAY 19031216-C

YING RAY Replacement Air Conditioner Remote Control User Manual

Models: RG51F/EU1, RG51F1/EU1, RG51F3/EU1

Introduction

This user manual provides detailed instructions for the YING RAY Replacement Air Conditioner Remote Control, compatible with MrCool and Midea air conditioner models RG51F/EU1, RG51F1/EU1, and RG51F3/EU1. This remote control is designed to function immediately upon battery installation without requiring any programming. It displays temperature readings in Celsius only.

Safety Information

- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
- Remove batteries if the remote control will not be used for an extended period.
- Keep the remote control away from direct sunlight, heat sources, and moisture.
- Do not attempt to disassemble or modify the remote control.

Product Overview

The YING RAY replacement remote control is an ergonomic device designed for easy handling and intuitive operation of your air conditioner. Below is an image of the remote control with its key features and buttons labeled.



Figure 1: Front view of the YING RAY Replacement Air Conditioner Remote Control. It features a clear LCD display at the top, showing temperature and fan settings. Below the display are various control buttons, including those for mode selection, power, fan speed, swing, sleep, timer functions, air direction, LED display toggle, and turbo mode. The temperature adjustment buttons are prominently located below the LCD.

Button Functions:

SET TEMPERATURE(C) Display: Shows the current set temperature in Celsius and operational modes (AUTO, COOL, DRY, HEAT) and fan speeds (FAN, HIGH, MED, LOW).

TEMP ▼ / ▲: Adjusts the temperature setting down or up.

MODE: Cycles through operating modes: Auto, Cool, Dry, Heat.

ON/OFF: Powers the air conditioner on or off.

FAN SPEED: Adjusts the fan speed: High, Medium, Low.

SWING: Activates or deactivates the automatic louver swing function.

SLEEP: Activates the sleep mode for comfortable night operation.

TIMER ON: Sets a timer for the air conditioner to turn on.

TIMER OFF: Sets a timer for the air conditioner to turn off.

AIR DIRECTION: Adjusts the direction of the airflow.

RESET LOCK: Used for resetting or locking certain functions (refer to specific AC unit manual for details).

LED DISPLAY: Toggles the LED display on the air conditioner unit.

TURBO: Activates rapid cooling or heating for quick temperature changes.

Setup

Battery Installation:

1. Locate the battery compartment on the back of the remote control.
2. Slide open the battery compartment cover.
3. Insert two new "AAA" 1.5V ordinary batteries, ensuring the correct polarity (+ and -) as indicated inside the compartment.
4. Close the battery compartment cover securely.

Note: Batteries are not included with the remote control. The remote control does not require any programming and will work immediately after battery installation.

Operating Instructions

Basic Operation:

- **Turning On/Off:** Press the **ON/OFF** button to power the air conditioner on or off.
- **Selecting Mode:** Press the **MODE** button repeatedly to cycle through the available operating modes: AUTO, COOL, DRY, HEAT. The selected mode will be displayed on the remote's LCD screen.
- **Adjusting Temperature:** Use the **TEMP ▲** (up) and **TEMP ▼** (down) buttons to set your desired temperature. The display shows temperature in Celsius only.
- **Adjusting Fan Speed:** Press the **FAN SPEED** button to select between HIGH, MED (Medium), and LOW fan speeds.

Advanced Functions:

- **Swing Function:** Press the **SWING** button to activate or deactivate the automatic vertical louver swing, which helps distribute air evenly.
- **Sleep Mode:** Press the **SLEEP** button to engage sleep mode. This mode typically adjusts the temperature gradually and operates quietly for comfortable sleep.
- **Timer On/Off:** Use **TIMER ON** to set a specific time for the air conditioner to turn on, and **TIMER OFF** to set a time for it to turn off. Consult your air conditioner's main manual for detailed timer setting procedures, as this may vary by unit.
- **Air Direction:** Press the **AIR DIRECTION** button to manually adjust the horizontal airflow direction.
- **LED Display:** Press the **LED DISPLAY** button to turn the display light on the air conditioner unit on or off.
- **Turbo Mode:** Press the **TURBO** button for rapid cooling or heating. This mode operates the unit at maximum power to reach the desired temperature quickly.

Maintenance

- **Battery Replacement:** Replace batteries when the remote control's display becomes dim or its range decreases. Always replace both batteries simultaneously with new "AAA" 1.5V ordinary batteries.
- **Cleaning:** Wipe the remote control with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as they may damage the surface or internal components.

Troubleshooting

Problem	Possible Cause	Solution
Remote control not responding.	Dead or incorrectly inserted batteries. Obstruction between remote and AC unit. Remote out of range.	Replace batteries, ensuring correct polarity. Remove any obstructions. Move closer to the AC unit.
Display is dim or blank.	Low battery power.	Replace batteries.
Air conditioner not responding to specific commands.	Incorrect mode selected. AC unit malfunction.	Ensure the correct operating mode is selected. Consult your air conditioner's manual or a qualified technician if the AC unit itself is not functioning correctly.

Specifications

Model Number: 19031216-C

Compatible Models: MrCool Midea RG51F/EU1, RG51F1/EU1, RG51F3/EU1

Power Source: 2 x AAA 1.5V Batteries (not included)

Display: Celsius only

Dimensions: 5.98 x 4.17 x 1.02 inches (approximate)

Weight: 2.08 ounces (approximate, without batteries)

Manufacturer: ZHUHAI YINGRAY TRADING CO., LTD.

Warranty and Support

For any questions regarding the operation or compatibility of this remote control, please refer to the original air conditioner unit's user manual or contact the seller directly for support. Specific warranty information for this replacement remote control may be provided by the seller at the time of purchase.

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