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YING RAY 2018122009

YING RAY Replacement Remote Control Instruction Manual

For Thermal Zone Air Conditioner Models: MSM09A43YEA, MSM12A43YEA, MSM12A43ZEA, MSM18A43ZEA, MSM24A43ZEA, MSM09H43YEA, MSM12H43YEA, MSM12H43ZEA, MSM18H43ZEA, MSM24H43ZEA

INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your YING RAY replacement remote control for Thermal Zone Air Conditioners. Please read this manual thoroughly before using the remote control to ensure optimal performance and longevity.

This remote control is compatible with a range of Thermal Zone Air Conditioner models, including but not limited to: **MSM09A43YEA, MSM12A43YEA, MSM12A43ZEA, MSM18A43ZEA, MSM24A43ZEA, MSM09H43YEA, MSM12H43YEA, MSM12H43ZEA, MSM18H43ZEA, MSM24H43ZEA**, and other similar models.

PRODUCT OVERVIEW

The YING RAY replacement remote control is designed for ease of use, featuring clearly labeled buttons for all essential air conditioner functions. Below is an image illustrating the remote control's layout.





Image 1: Front view of the YING RAY replacement remote control, showing the display and all function buttons. The display shows '84°F' as the set temperature.

The remote features a clear LCD display at the top, showing the current settings such as temperature, operating mode, and fan speed. Buttons are intuitively arranged for quick access to various functions.

SETUP: BATTERY INSTALLATION

Before using your new remote control, you must install batteries.

1. Locate the battery compartment on the back of the remote control.
2. Slide the battery compartment cover downwards or outwards to open it.
3. Insert two new AAA batteries (not included), ensuring the positive (+) and negative (-) terminals match the diagrams inside the compartment.
4. Replace the battery compartment cover by sliding it back into place until it clicks securely.

Note: If the remote control is not used for an extended period, remove the batteries to prevent leakage and damage.

OPERATING INSTRUCTIONS

Point the remote control directly at the air conditioner unit's receiver when operating.

1. Power On/Off

- Press the **ON/OFF** button to turn the air conditioner unit on or off.

2. Mode Selection

- Press the **MODE** button repeatedly to cycle through the available operating modes:
 - **AUTO:** The unit automatically selects the operating mode (Cool, Heat, Fan) based on the room temperature.
 - **COOL:** For cooling the room.
 - **DRY:** For dehumidifying the room.
 - **HEAT:** For heating the room.
 - **FAN:** For circulating air without heating or cooling.

3. Temperature Adjustment

- Use the **TEMP ▲** button to increase the set temperature.
- Use the **TEMP ▼** button to decrease the set temperature.



Image 2: The remote control's display showing a set temperature of 80 degrees Fahrenheit, indicating the temperature unit.

4. Fan Speed Adjustment

- Press the **FAN SPEED** button repeatedly to cycle through fan speeds: **HIGH**, **MED (Medium)**, **LOW**.

5. Air Direction / SWING

- Press the **SWING** button to activate or deactivate the automatic vertical louver swing function.
- Press the **AIR DIRECTION** button (if available) to adjust the horizontal louver direction.

6. Timer Functions

- **TIMER ON:** Press this button to set a time for the unit to turn on automatically. Use the TEMP **▲/▼** buttons to adjust the time, then press **TIMER ON** again to confirm.
- **TIMER OFF:** Press this button to set a time for the unit to turn off automatically. Use the TEMP **▲/▼** buttons to adjust the time, then press **TIMER OFF** again to confirm.

7. SLEEP Mode

- Press the **SLEEP** button to activate sleep mode, which adjusts the temperature gradually for comfortable sleep and energy saving. Press again to cancel.

8. TURBO Mode

- Press the **TURBO** button for rapid cooling or heating. This mode operates the unit at maximum power. Press again to cancel.

9. LED Display

- Press the **LED** button to turn the air conditioner's display light on or off.

10. RESET / LOCK

- The **RESET** button (often a small recessed button) is used to restore the remote to factory default settings. Use

a thin object like a paperclip to press it.

- The **LOCK** function (if available, often combined with RESET) prevents accidental changes to settings. Consult your air conditioner's main manual for specific lock/unlock procedures if this remote supports it.

MAINTENANCE

- **Cleaning:** Wipe the remote control with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Battery Replacement:** Replace batteries when the remote's range decreases or the display becomes dim. Always replace both batteries at the same time with new ones of the same type.
- **Storage:** If storing the remote for an extended period, remove the batteries to prevent corrosion.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Remote not responding.	Dead or incorrectly installed batteries.	Replace batteries, ensuring correct polarity.
Remote has short range.	Weak batteries or obstruction.	Replace batteries. Ensure no objects block the signal path between the remote and the AC unit.
Display is dim or blank.	Low battery power.	Replace batteries.
Air conditioner does not respond to commands.	Remote not compatible or AC unit receiver issue.	Verify compatibility with your specific Thermal Zone model. Ensure the remote is pointed directly at the AC unit. If issues persist, consult your air conditioner's manual or a service technician.

SPECIFICATIONS

- **Brand:** YING RAY
- **Model Number:** 2018122009
- **Connectivity Technology:** Infrared
- **Compatible Devices:** Thermal Zone Air Conditioners (Specific models listed in Introduction)
- **Special Feature:** Ergonomic design
- **Power Source:** 2 x AAA Batteries (not included)

WARRANTY AND SUPPORT

For warranty information and customer support regarding your YING RAY replacement remote control, please refer to the purchase documentation or contact the seller directly. Specific warranty terms may vary depending on the retailer and region of purchase.

