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Mitsubishi Electric 142636c8-59c9-4a1b-9cdb-66733aa8241a

# Mitsubishi Electric PAR-33MAA-J Wired Controller User Manual

Model: 142636c8-59c9-4a1b-9cdb-66733aa8241a

## INTRODUCTION

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The Mitsubishi PAR-33MAA-J wired remote control is designed to provide comprehensive control over your CITY MULTI mini split systems. This controller features a large, backlit LCD screen and intuitive menus, making it user-friendly for all operators. It allows for advanced programming, including a 7-day schedule, to optimize system operation and energy efficiency. This model supersedes the PAR-21MAA Controller.

Key features include:

- **Easy Operation:** Equipped with an LCD backlit screen and clearly labeled buttons for mode switching and temperature adjustments. Frequently used buttons are larger for enhanced usability.
- **Auto Return:** Automatically reverts the set temperature to a preset value after a specified duration (30-120 minutes), useful for temporary temperature boosts.
- **High Power Mode:** Enables the system to operate at a higher capacity for a short period (up to 30 minutes) to quickly reach the desired temperature.
- **Night Setback:** Prevents excessive temperature fluctuations and dew formation by initiating heating or cooling when the room temperature deviates from the desired preset during nighttime hours.
- **Multi-language Support:** Displays information in English, Greek, Spanish, Turkish, Italian, Portuguese, French, and Swedish.

## PRODUCT OVERVIEW

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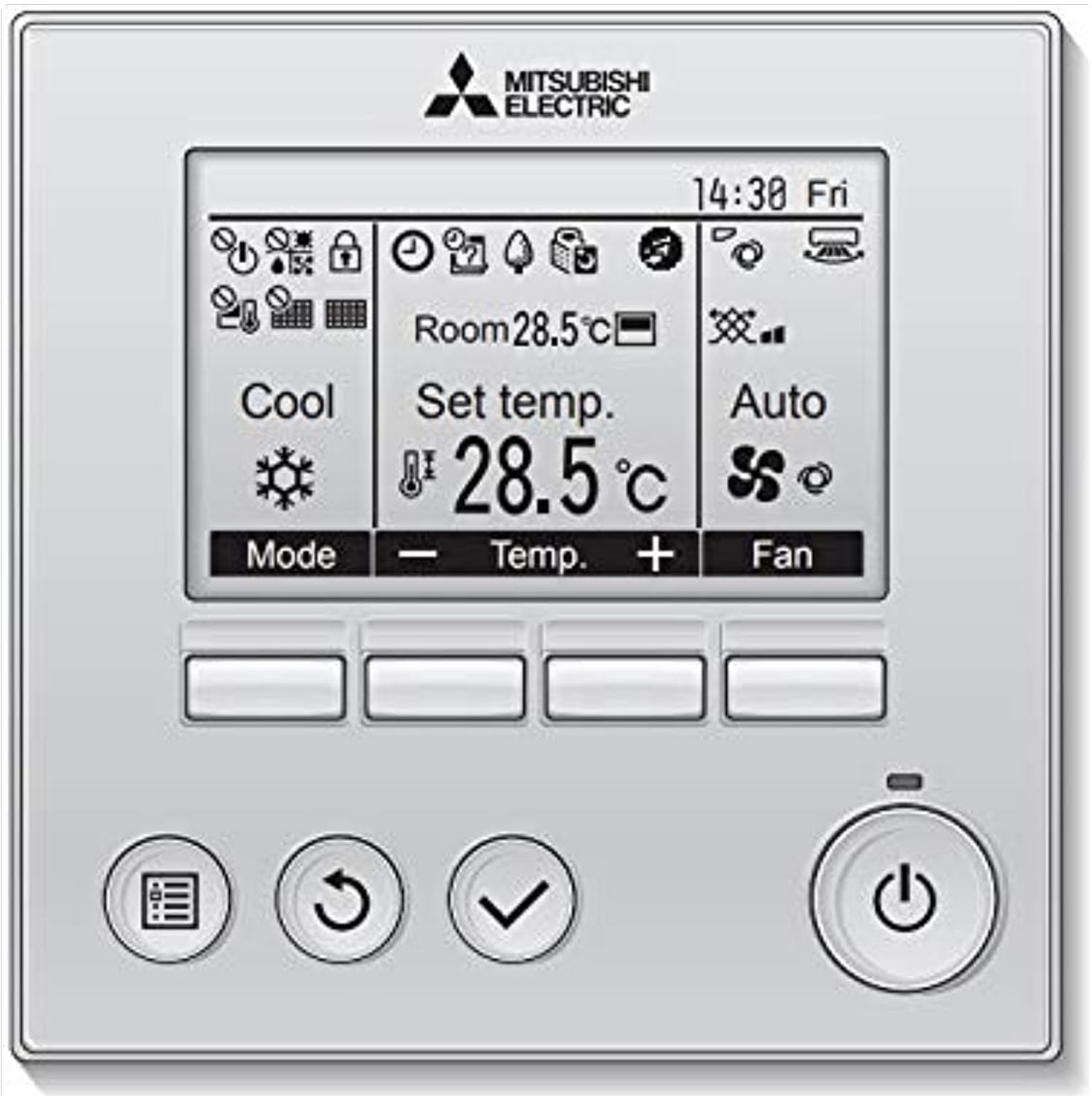


Figure 1: Front view of the Mitsubishi Electric PAR-33MAA-J Wired Controller. The image displays the large backlit LCD screen with current time, room temperature, set temperature, operating mode (Cool), and fan settings (Auto). Below the screen are four unlabeled function buttons, and at the bottom, three circular buttons for menu, return, and confirmation, along with a large power button on the right.

## SETUP AND INSTALLATION

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This section provides general guidelines for the setup and installation of the PAR-33MAA-J wired controller. For detailed wiring diagrams and specific installation procedures, refer to the dedicated installation manual provided with the unit or consult a qualified HVAC technician.

### Pre-Installation Checklist:

- Ensure power to the indoor and outdoor units is disconnected before beginning installation.
- Verify compatibility with your Mitsubishi Electric CITY MULTI mini split system.
- Have necessary tools: screwdriver, wire strippers, mounting screws, level.

## Mounting the Controller:

1. Select a suitable wall location, typically 1.2 to 1.5 meters (4 to 5 feet) from the floor, away from direct sunlight, drafts, or heat sources that could affect temperature readings.
2. Mount the backplate securely to the wall using appropriate screws.
3. Ensure the mounting is level for proper aesthetic and functional alignment.

## Wiring Connections:

1. Connect the communication wires from the indoor unit to the designated terminals on the controller's backplate. Refer to the wiring diagram for correct terminal assignments (e.g., A, B, C, D).
2. Ensure all connections are secure and properly insulated.
3. Attach the controller front panel to the mounted backplate.

## Initial Power-Up:

1. Restore power to the indoor and outdoor units.
2. The controller display should illuminate. Follow any on-screen prompts for initial setup, such as language selection or time/date setting.

## OPERATING INSTRUCTIONS

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This section details the primary functions and operational modes of the PAR-33MAA-J controller.

### Basic Operation:

- **Power On/Off:** Press the large circular power button (typically located on the bottom right) to turn the system on or off.
- **Mode Selection:** Press the "Mode" button (usually on the bottom left of the screen) to cycle through available operating modes: Cool, Heat, Fan, Dry, Auto.
- **Temperature Adjustment:** Use the "Temp. +" and "Temp. -" buttons to increase or decrease the desired set temperature.
- **Fan Speed:** Press the "Fan" button to adjust the fan speed (e.g., Low, Medium, High, Auto).

### Advanced Features:

- **7-Day Schedule Programming:** Access the menu (typically via the list icon button) to set up daily and weekly operating schedules. This allows for automatic mode and temperature changes based on your preferences.
- **Auto Return Function:** This feature can be configured in the settings menu. When activated, the system will revert to a pre-set temperature after a user-defined period (e.g., 30, 60, 90, or 120 minutes). This is useful for temporary temperature overrides.
- **High Power Mode:** Activate this mode from the main screen or a quick menu to temporarily boost the system's output for rapid heating or cooling. This mode typically runs for a set duration (e.g., 30 minutes) and then returns to normal operation.
- **Night Setback:** Configure this feature in the advanced settings. It helps maintain a comfortable environment and prevents excessive temperature drops or rises during unoccupied hours by automatically adjusting the setpoint within a defined range.
- **Language Selection:** Navigate to the settings menu to change the display language. Available languages include English, Greek, Spanish, Turkish, Italian, Portuguese, French, and Swedish.

## MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your Mitsubishi Electric PAR-33MAA-J wired controller and the connected HVAC system.

### Controller Cleaning:

- Wipe the screen and casing with a soft, dry, or slightly damp cloth.
- Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the display or casing.
- Ensure no liquid enters the controller's internal components.

### System Maintenance:

While the controller itself requires minimal maintenance, it is crucial to maintain the connected mini split system according to the manufacturer's recommendations. This typically includes:

- Regular cleaning or replacement of air filters in the indoor unit.
- Checking and cleaning outdoor unit coils.
- Ensuring condensate drains are clear.
- Annual professional inspection and servicing by a qualified technician.

## TROUBLESHOOTING

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This section provides solutions to common issues you might encounter with your PAR-33MAA-J wired controller. If the problem persists, contact a qualified service technician.

Problem	Possible Cause	Solution
Controller display is blank.	No power to the unit; loose wiring connection.	Check circuit breaker. Ensure all wiring connections are secure. Consult installation manual for wiring diagram.
System not responding to commands.	Communication error; system in protection mode.	Verify controller is properly connected to the indoor unit. Power cycle the entire HVAC system (turn off at breaker for 5 minutes, then turn on).
Incorrect temperature reading.	Controller located near heat source/draft; sensor malfunction.	Ensure controller is not exposed to direct sunlight or drafts. If problem persists, a sensor may need replacement by a technician.
Scheduled operations not executing.	Schedule not activated; incorrect time/date setting.	Check if the schedule function is enabled in the menu. Verify the controller's time and date settings are accurate.

## SPECIFICATIONS

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Feature	Detail
Model Number	142636c8-59c9-4a1b-9cdb-66733aa8241a

Feature	Detail
Brand	Mitsubishi Electric
Product Dimensions	2.03 x 12.19 x 12.19 cm
Item Weight	589 g
Connectivity Technology	Wired
Compatible Devices	Heat Pump, Air Conditioner
Max. Supported Devices	1 (per controller)
Special Features	Backlit LCD screen, 7-day schedule, Auto Return, High Power Mode, Night Setback, Multi-language display

## WARRANTY AND SUPPORT

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For warranty information specific to your Mitsubishi Electric PAR-33MAA-J wired controller, please refer to the documentation included with your purchase or contact Mitsubishi Electric customer support directly. Warranty terms may vary based on region and purchase date.

For technical support, service, or to locate an authorized service provider, please visit the official Mitsubishi Electric website or contact their customer service hotline. When contacting support, please have your product model number (PAR-33MAA-J) and serial number (if applicable) ready.