

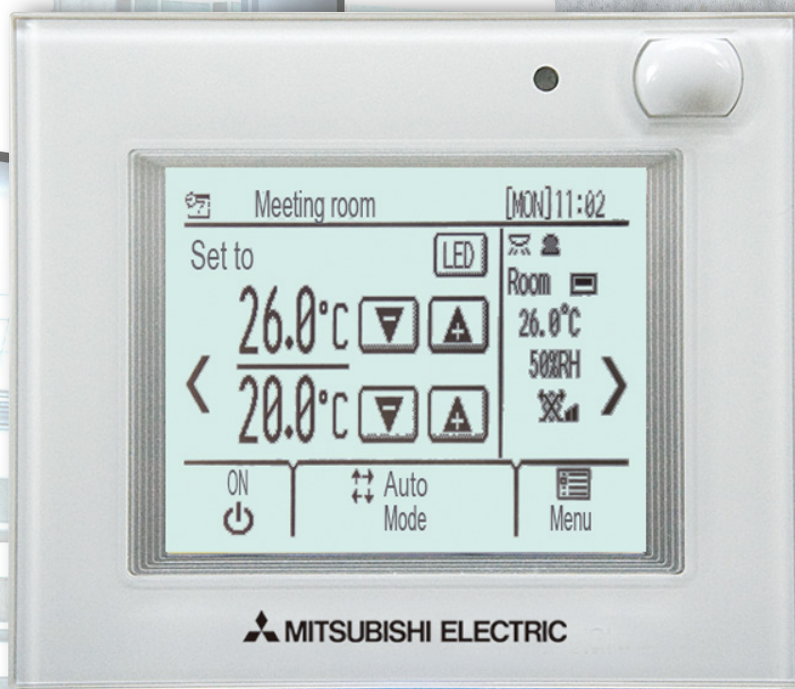


## Air Conditioning Systems

ME REMOTE CONTROLLER

PAR-U02MEDA

PRODUCT FLYER

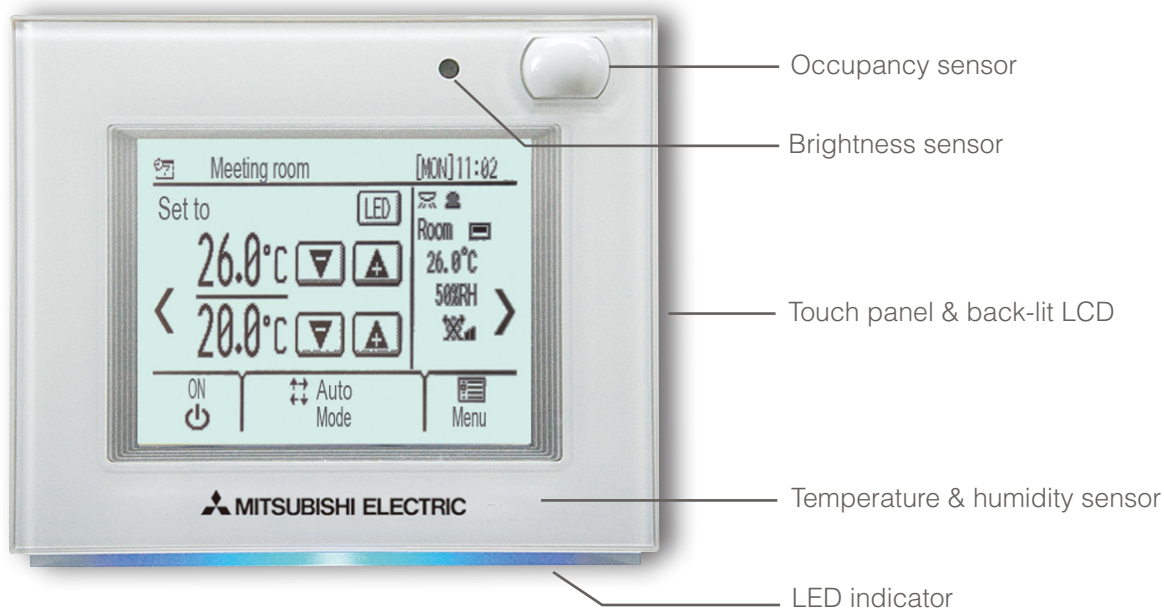




# ME Remote Controller PAR-U02MEDA

The ME Remote Controller PAR-U02MEDA is designed to control Mitsubishi Electric air conditioning units. It also lets the user control other manufacturer's products connected via Mitsubishi Electric AHC (Advanced HVAC Controller).

The controller is equipped with four built-in sensors (temperature, humidity, occupancy and brightness) for maximum comfort and increased energy savings. It also has the capability to control up to sixteen indoor units simultaneously.



## Features

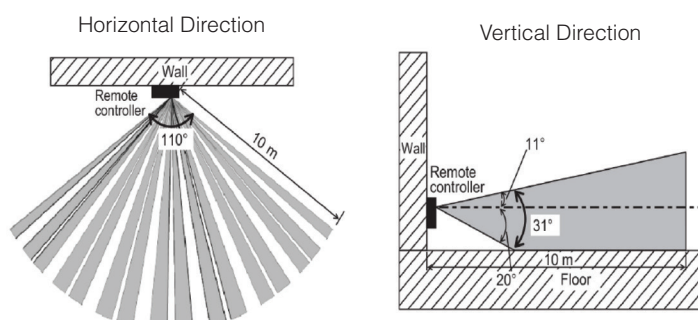
- » Operations, monitoring of air conditioning units and schedule-control functions.
- » 4 built-in sensors (temperature, humidity, occupancy and brightness).
- » Control up to sixteen indoor units and one AHC.

- » Occupancy sensor detects a person and operates the units accordingly.
- » Brightness sensor operates the units according to the surrounding brightness level.
- » Energy save functions

- » Back-lit LCD and large display for high visibility and simple operation.
- » Touch panel LCD for easy usage.
- » LED light indicator indicates the operation status in different colours.
- » Temperature and humidity sensor detects the room temperature and relative humidity and displays on the screen.

## The occupancy sensor

The built-in occupancy sensor helps to save energy

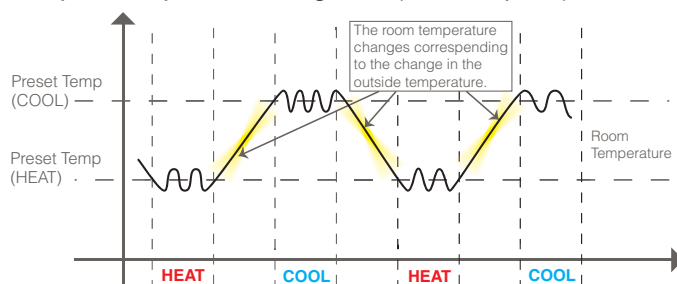


Energy- save control mode	Control when vacancy is detected
Non-use	-
ON/OFF	The unit will be turned off
Set temperature offset	The set temperature will be offset
Fan speed down	The fan speed will be set to "Low"
Thermo-off	The unit will go into "Thermo-off" state

## Energy save functions

- » Energy save control will turn on when the occupancy sensor detects room/area vacancy
- » The occupancy sensor detects the occupancy based on movements and also the temperature difference between the occupant and its surroundings.
- » Only one of the energy-saving controls can be used at any time.
- » Energy-saving mode can be deactivated according to the lighting level detected by the brightness sensor (e.g. while occupants are sleeping at night)

## Operation pattern during Auto (dual set point) mode



## Auto (dual set point) mode

When the operation mode is set to Auto (dual set point) mode, two set temperatures (one each for cooling and heating) can be set. Depending on the room temperature, indoor unit will automatically operate in either the Cool or Heat mode and keep the room temperature within the preset range.

## Specifications

<b>Power source</b>	17 - 32 VDC*1 (for connection to M-NET only) Receives power from outdoor units via the M-NET transmission cable. The power consumption coefficient*2 of the Smart ME Controller is "0.5"
<b>Operating conditions</b>	Temperature Operating temperature range: 0°C - +40°C (+32°F - +104°F) Storage temperature range: -20°C - +60°C (-4°F - +140°F) Humidity 20% - 90% RH (Non-condensing)
<b>Weight</b>	0.3 kg (11/16lbs)
<b>External dimensions (w x h x d)</b>	140 x 120 (123) x 25 (28.8) mm 5-17/32 x 4 3/4 (4-27/32) x 1 (1/5/32) in * These numbers in the parenthesis indicate the dimensions including the protruding parts.

\*1 Not for use with a generic DC power supply device

\*2 "Power consumption coefficient" is a coefficient to calculate the relative power consumption of the devices that receive power through the M-NET transmission cable.  
NOTE: When PAR-U02MEDA is connected to M series or P series units, power supply unit (PAC-SC51KUA) and M-NET interfaces are required.

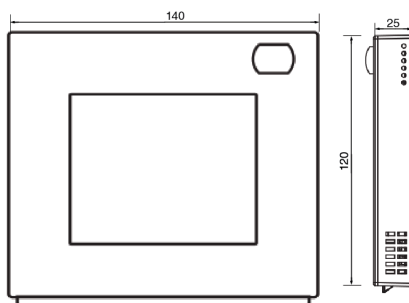
## Functions

Item	Description	Operations	Display
<b>ON/OFF</b>	Switches between ON and OFF.	●	●
<b>Operation mode switching</b>	Switches between Cool / Dry / Fan / Heat / Auto Operation modes vary depending on the indoor unit model Auto mode is for CITY MULTI R2, and WR2 series only	●	●
<b>Temperature setting</b>	The temperature can be set within the following range Cool / Dry : 19°C - 35°C / 67°F - 95°F Heat : 4.5°C - 28°C / 40°F - 83°F Auto : (single set point) : 19°C - 28°C / 67°F - 83°F Auto : (single set point) : 19°C - 28°C / 67°F - 83°F (dual set points) [Cool] Same as the set temp. range for Cool mode [Heat] Same as the set temp. range for Heat mode * The settable temperature ranges vary depending on the indoor unit model.	●	●
<b>Fan speed setting</b>	Changes fan speed. * Available fan speeds vary depending on the model.	●	●
<b>Air flow direction setting</b>	Changes airflow direction. * Available airflow directions vary depending on the model.	●	●
<b>Allows/disallows local operation</b>	The following operation can be prohibited by making certain settings on the centralised controller: ON/OFF, operation mode setting, temperature setting, fan speed, air direction, and filter sign reset. * While an operation is prohibited, the operation icon lights up.	×	●
<b>Error information</b>	When an error occurs, an error code and the unit address appear. Contact number can be set to appear when an error occurs. (The information above needs to be entered on the Service menu.)	—	●
<b>Schedule (Weekly timer)</b>	Weekly ON/OFF times, operation mode, and set temperatures can be set. Time can be set in 5-minute increments. Up to 8 schedule patterns can be set per day of the week. * Not valid when the ON/OFF timer is set.	●	●
<b>Timer</b>	ON/OFF timer - Turns ON and OFF daily at a set time. » Time can be set in 5-minute increments. » It is also possible to set the ON time only or the OFF time only. Auto-OFF timer Turns off the unit after a certain period of operation. » Operation time can be set to a value from 30 to 240 in 10-minute increments.	●	●

**KEY:** \* Each group

× Not Available

## External dimensions



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