

PAR-42MAAUB Deluxe MA Remote Controller



Job Name:

System Reference:

Date:



FULL VIEW



BASIC VIEW

OPERATION/DISPLAY

- ON/OFF
 - Switches between ON and OFF.
- Operation mode switching
 - Switches between Cool/Dry/Fan/Auto/Setback/Heat.
- Hold
 - Switches between enable and disable the Hold function.
 - If the Hold function is enable, the following functions will be prohibited.
 - ON/OFF timer/Schedule (Weekly timer) /Auto return/Auto-OFF timer
- Temperature setting
 - Changes the set temperature.
 - Set temperature range varies depending on the indoor unit model.
- Fan speed setting
 - Changes fan speed.
 - Available fan speeds vary depending on the model.
- Air flow direction setting ^{*1}
 - Changes airflow direction.
 - Available airflow directions vary depending on the model.
- Louver setting ^{*1}
 - Switches between louver ON/OFF.
- Ventilation equipment control
 - Interlocked setting and interlocked operation setting with City Multi Lossnay units can be performed.
 - The Stop/Low/High settings of the ventilation equipment can be controlled.
- Main display mode setting
 - The Main display can be displayed in two different modes: "Full" and "Basic."
- B&W inversion
 - The colors of the display can be inverted, turning white background to black and black characters to white.
- (NEW) View Energy Consumption Data for M- & P-Series ^{*1}
 - Hourly: Displays the hourly energy consumption for the last 31-day period.
 - Daily/Monthly: Displays the Daily or Monthly energy consumption for the last 14-month period.
- (NEW) MASS Save Function ^{*1}
 - Select the outdoor air temperatures at which outdoor unit operation will be enabled and disabled: enable on rise, disable on fall.
 - Select the outdoor air temperatures at which backup heater operation will be enabled and disabled: enable on fall, disable on rise.
- Clock ^{*2}
 - Date (year/month/day) and time (hour/minute) can be set.
 - The set time as well as the day of the week will be displayed on the Main display.
 - It is also possible for the time to not display on the main display.
 - The clock can be displayed in 12-hour format (AM/PM before or after the time) and 24-hour format.
- Daylight saving time
 - The start/end time for daylight saving time can be set.
 - The daylight saving time function will be activated based on the setting contents.
- Room temp. display
 - The room temperature display can be enabled or disabled.
- Error information
 - When an error occurs, an error code and the unit address appear.
 - The air-conditioning unit model, serial number, and contact number can be set to appear when an error occurs. (The above information needs to be entered in advance.)
- Filter information
 - A filter sign will appear when it is time to clean the filter.
- Remote controller information
 - The version of the remote controller can be checked.

^{*1} This function is active only for the units that support the function.

^{*2} The clock is accurate within 45 seconds per month (at the temperature of 77°F [25°C]).
The clock is backed up for 3 days.

PAR-42MAAUB

SCHEDULE AND TIMER SETTING

- Timer
 - 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 minutes in 10-minute increments.
- Weekly timer
 - Weekly ON/OFF times 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.

RESTRICTION SETTINGS

- Allows/disallows local operation
 - The following operation can be prohibited by applying certain settings on the centralized controller: ON/OFF, operation mode, set temperature, filter sign reset, air direction, fan speed and timer.
 - While an operation is prohibited, the operation icon lights up (only on the Main display in the "Full" mode).
- Operation lock
 - The following operations can be prohibited: Sensing Location, ON/OFF, Mode, Set temp., Menu, Fan, Louver, Vane, or Hold
- Temperature range restriction
 - The room temperature range for each operation mode can be restricted.
- Auto return
 - The units operate at the preset temperature after a designated period.
 - Time can be set to a value from 30 to 120 minutes in 10-minute increments.
 - Not valid when the temperature setting range is restricted.
- Password
 - Administrator password (required for schedule setting etc.) and Maintenance password (required for test run and function setting etc.) can be set.

REFRIGERANT LEAK INFO SETTINGS

- Alarm Operation
 - Alarm sound.
 - While an operation is prohibited, the operation icon lights up (only on the Main display in the "Full" mode).
- When the Main/Sub setting is set to Supervisor
 - When the refrigerant leak error code 1521, 1522, 5558, FL, or FH is issued, the following window will appear, the alarm will sound, and the ON/OFF LED and the backlight will blink. Take measures against refrigerant leakage, and restart the remote controller. The Main display will reappear
 - *When the RC alarm setting is set to OFF, the alarm will not sound, and the backlight will not blink.
 - *When refrigerant leakage from multiple units occurs in the system, the address of each unit with refrigerant leakage will be displayed. Some addresses may not be displayed depending on the occurrence timing.
 - *1521, FL: Refrigerant leak detected by the internal sensor of the indoor unit
 - *1522: Refrigerant leak detected by the internal sensor of the indoor unit or failure of the internal sensor of the indoor unit
 - *5558, FH: Failure of the internal sensor of the indoor unit
 - *If a failure occurs on the internal sensor of the indoor unit, error code 5558 or FH will appear on the main/sub remote controller that is connected to the failed indoor unit.
- When the Main/Sub setting is set to other than Supervisor
 - Relationship among the RC alarm setting, the refrigerant leak error code, and the remote controller operation

○ : Applicable; × : Not applicable

RC alarm setting	ON			OFF		
Error code	152	FL *1	FL *2	152	FL *1	FL *2
Alarm sound	¹ ○	○	×	¹ ×	×	×
Blinking of the ON/OFF LED	○	○	○	○	○	○
Blinking of the backlight	○	○	×	×	×	×

* 1521, FL: Refrigerant leak detected by the internal sensor of the indoor unit

* 1: When the refrigerant leak error occurs on the indoor unit to which the remote controller is connected

* 2: When the refrigerant leak error occurs on the indoor unit to which the remote controller is not connected

MISCELLANEOUS ITEMS

- Language Selection
 - Select the display language from the following 3 languages.
 - English, French, Spanish
- Brightness Contrast
 - The brightness of the LCD can be adjusted. The contrast of the LCD can be adjusted.
- Manual Vane Angle *1
 - Fixes the vane position for each air outlet.
- Service *1
 - Contains Test run, Function setting, Request code, and Error history.
- 3D i-see Sensor® *1
 - Settings for 3D i-see Sensor® can be made.

ENERGY SAVING OPTIONS

- No occupancy energy save
 - Requires 3D i-see Sensor® on applicable indoor units
- Room Occupancy energy save
 - Requires 3D i-see Sensor® on applicable indoor units
- No occupancy Auto-OFF
 - Requires 3D i-see Sensor® on applicable indoor units
- Setback Mode

*1 This function is active only for the units that support the function.

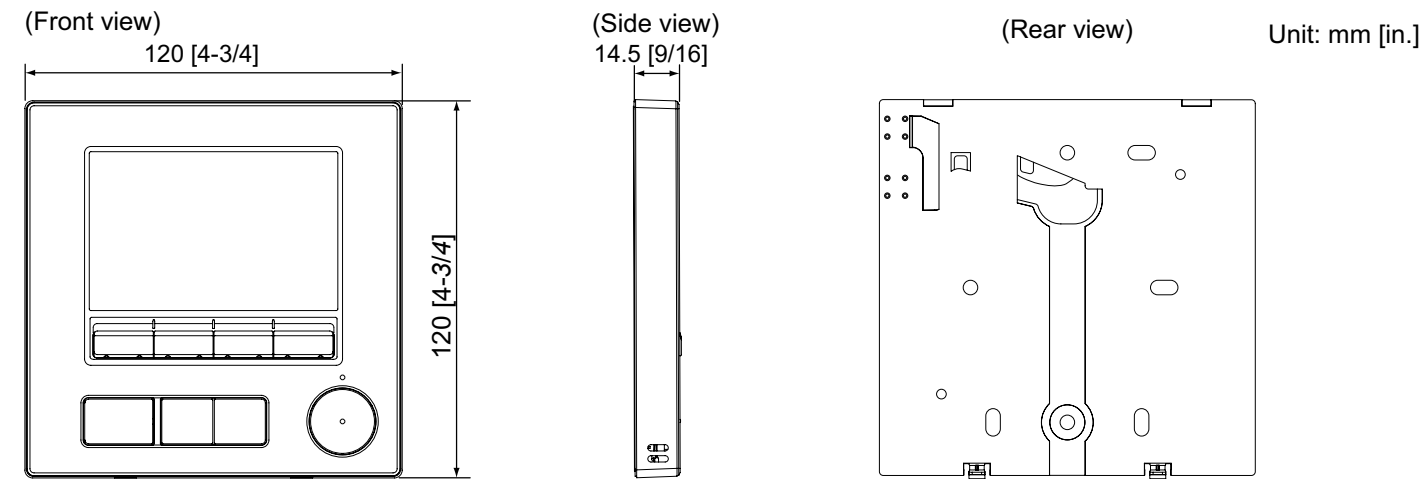
*2 The clock is accurate within 45 seconds per month (at the temperature of 77°F [25°C]). The clock is backed up for 3 days.

OA Processing Unit (Fresh Air Intake)

- ON/OFF
 - Switches between ON and OFF.
- Operation mode switching
 - Switches between Cool/Fan/Auto/Heat.
- Temperature setting
 - Changes the set temperature.
 - Set temperature range varies depending on the indoor unit model.
- Fan speed setting
 - Changes fan speed.
 - Available fan speeds vary depending on the model.

PAR-42MAAUB

DIMENSIONS



COMPATIBILITY CHART

CITY MULTI®		M-Series		P-Series	
PMFY-NBMU	Yes	MFZ-KA	MAC-334IF-E	PAA	Yes
PEFY-NMU	Yes	MFZ-KJ	MAC-334IF-E	PCA	Yes
PEFY-NMAU	Yes	MSZ/Y-A	No	PEA	Yes
PEFY-NMHSU	Yes	MSZ/Y-D	NA: No NA-8: MAC-334IF-E	PEAD	Yes
PEFY-NMLU	Yes	MS-WA	No	PKA	Yes
PEFY-NMSU	Yes	MSZ-FD	No	PLA	Yes
PLFY-NAMU	Yes	MSZ-FE	09(12)NA: No 09(12)NA-8: MAC-334IF-E 18NA: Yes¹	PVA	Yes
PLFY-NBMU	Yes	MSZ/Y-GE	06(-18)NA: No NA-8: MAC-334IF-E NA-9: MAC-334IF-E GE24NA: MAC-334IF-E		
PLFY-NCMU	Yes	MSZ/Y-GL	MAC-334IF-E		
PLFY-NEMU	Yes	MSZ/Y-GS	MAC-334IF-E		
PLFY-NFMU	Yes	MSZ-FH	MAC-334IF-E		
PLFY-NLMU	Yes	MSZ-FS	MAC-334IF-E		
PCFY-VKM	Yes	MSZ-HE	No		
PCFY-NGMU	Yes	MSZ-HM	MAC-334IF-E		
PCFY-NKMU	Yes	MVZ-AA4	Yes		
PFFY-NEMU	Yes	MVZ-AA7	Yes		
PFFY-NRMU	Yes	SVZ-KP	Yes		
PVFY-E00	Yes	SEZ-KD	No		
PVFY-NAMU	Yes	SEZ-KD4	Yes		
PKFY-NAMU	Yes	SLZ-KA	Yes		
PKFY-NFMU	Yes	SLZ-KF	Yes		
PKFY-NGMU	Yes	MLZ-KP	MAC-334IF-E		
PKFY-NBMU	Yes	Note: MAC-334IF-E indicates that the unit requires a MAC-334IF-E Adapter in order to use the PAR-42MAAUB.			
PKFY-NHMU	Yes				
PKFY-NKMU	Yes				
PEFY-OA	Yes				

SPECIFICATIONS

Product size (W x H x D)	In. (mm)	4 3/4 x 4 3/4 x 9/16 (120 x 120 x 14.5)
Net Weight	Lbs. (kg)	0.42 (0.19)
Rated Power Supply Voltage		12 VDC (supplied from indoor units)
Power Consumption	W	0.3 *0.45 when the alarm is sounding
Usage Environment		Temperature: 0 to 40° C (32 to 104° F) Humidity: 25 to 90%RH (with no dew condensation)
Material	Main body	ABS
Installation conditions		Indoor only

SYSTEM EXAMPLE

