

USER'S MANUAL

Multi Function Wired Remote Controller MWR-WE00

System Air Conditioner



 $(\underline{E},\underline{S},\underline{F},\underline{I},\underline{P},\underline{D},\underline{G},\underline{N}_{e},\underline{P}_{0},\underline{H}_{U},\underline{R},\underline{A},\underline{D}B98\text{--}30794A(1))$

Safety Precautions

- Before using the multi function wired remote controller, read carefully these instructions.
- After reading the instructions, keep this user's manual in a handy and safe place. If a user is changed, you must hand over the manuals.
- Never attempt to install the air conditioning system or to move the multi function wired remote controller by yourself.

- Do not attempt to install or repair this multi function wired remote controller by yourself.
- This remote controller contains no user-serviceable parts. Always consult authorized service personnel for repairs.
- When moving, consult authorized service personnel for disconnection and installation of the remote controller.
- Ensure that the wall is strong enough to support the weight of the remote controller.
- Must install the remote controller with rated power supply.
- In the event of a malfunction (burning smell, etc.), immediately stop operation, turn off the electrical breaker, and consult authorized service personnel.



- Do not use inflammable gases near the remote controller.
- Do not spill water into the multi function wired remote controller.
- Do not operate the remote controller with wet hands.
- Do not install the remote controller in a location where it will come into contact with the combustible gases, machine oil, sulphide gas, etc.
- Do not press buttons with a pointed thing.
- Do not pull or bend the multi function wired remote controller cable excessively.
- Do not use this multi function wired remote controller for other purpose.
- Do not spray an insecticide or other combustible things on the multi function wired remote controller.
- Do not clean the multi function wired remote controller with benzene, solvents or other chemicals.
- Do not give a shock to the multi function wired remote controller or disassemble it by yourself.

◆ Multi Function Wired Remote Controller	4
GETTING STARTED	5
• Selecting the Automatic Operating Mode	б
• Selecting the Cooling Mode	7
• Selecting the Dehumidifying Mode	8
• Selecting the Fan Mode	9
• Selecting the Heating Mode	10
◆ Selecting the Quiet Mode	11
SELECTING THE SLEEP MODE	12
Adjusting the Air Swing Direction	13
CHECKING THE ROOM TEMPERATURE	14
◆ Locking the Multi Function Wired Remote Controller	14
• Operating the ERV	
• Using the E.Saver Function	
SETTING THE 7-DAY SCHEDULE	. 17
DELETING A SCHEDULE	
SETTING AND CANCELING A HOLDAY SCHEDULE	
RECETTING THE 7-DAY SCHEDULE	/
A Setting the Auto Stop Function	22
	22 21
	24
LOCKING THE FARTS OF THE MULTIFUNCTION WIRED REMOTE CONTROLLER	.25
SETTING THE CURRENT TIME AND DAY	

Contents

Multi Function Wired Remote Controller



The multi function wired remote controller is installed on the wall.

Getting Started

You have just purchased a multi function wired remote controller and it has been installed by your installation specialist.

Your User's Manual contain much valuable information on using your multi function wired remote controller. Please take the time to read them as they will help you take full advantage of the unit's features.

In the manual, you will find a series of step-by-step procedures for each function available.

The illustrations in the step-by-step procedures use 3 different symbols:



Selecting the Automatic Operating Mode



The room temperature and the fan speed are controlled automatically in the auto mode.

- Press the (ON/OFF) button to turn on the indoor unit.
 Do not press the (ON/OFF) button if the remote controller is on.
 - **<u>Result</u>**: The air conditioner will be turned on with the most recently used mode.
 - Caution The air conditioner has a built-in protection mechanism to prevent the unit from being damaged when it is started immediately after being:
 - Plugged in
 - Stopped

The air conditioner will start up after 3 minutes.



- 2 To select the AUTO mode, press the <u>Mode</u> button until **Auto** is displayed on the remote controller.
 - **<u>Result</u>:** The air conditioner will operate in auto mode.
 - The auto fan speed will be selected automatically in auto mode. You cannot control the fan speed.

 Result:
 The temperature will be adjusted by $1^{\circ}C(1^{\circ}F)$

 when the \triangle buttons are pressed.

4 To adjust the air swing direction, refer to page 13.

NOG3 **Fan speed in auto mode** When the room temperature is high, cool and strong air will come out. After the room is cooled, mild air will come out.

Selecting the Cooling Mode

Select the cooling mode to lower the room temperature.

- Press the (ON/OFF) button to turn on the indoor unit.
 Do not press the (ON/OFF) button if the remote controller is on.
 - **<u>Result</u>:** The air conditioner will be turned on with the most recently used mode.
 - বেয়ার্থীকা The air conditioner has a built-in protection mechanism to prevent the unit from being damaged when it is started immediately after being:
 - Plugged in
 - Stopped

The air conditioner will start up after 3 minutes.

- 2 To select the COOL mode, press the <u>Mode</u> button until **Cool** is displayed on the remote controller.
 - **<u>Result</u>**: The air conditioner will operate in cooling mode.
- 3 To adjust the temperature, press the [△] ¹ [□] [√] buttons. The temperature can be set between 18°C(65°F) and 30°C(86°F).

<u>Result</u>: The temperature will be adjusted by $1^{\circ}C(1^{\circ}F)$ when the \bigtriangleup buttons are pressed.

4 Select the fan speed by pressing the $\frac{1}{8}$ button.

Result:Each time the $\overline{\$}_{\%}$ button is pressed, fan speed will
change in the following order:
Low $\$_{\bullet} \rightarrow Med \, \$_{\bullet} \, \bullet \rightarrow High \, \$_{\bullet} \, \bullet \rightarrow Auto \, \$_{\bullet} \, \bullet \bullet$

5 To adjust the air swing direction, refer to page 13.

NO33 If you select heating mode while the cooling mode is in operation, cooling mode will be canceled.









E-7

Selecting the Dehumidifying Mode

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Select the dehumidifying mode if the room is too humid. Using this mode will slightly lower the room temperature.

- Press the (ON/OFF) button to turn on the indoor unit.
 Do not press the (ON/OFF) button if the remote controller is on.
 - **<u>Result</u>**: The air conditioner will be turned on with the most recently used mode.
 - Carrilon The air conditioner has a built-in protection mechanism to prevent the unit from being damaged when it is started immediately after being:
 - Plugged in
 - Stopped

The air conditioner will start up after 3 minutes.

2 To select the DRY mode, press the button until Dry is displayed on the remote controller.

<u>Result</u>:

- The air conditioner will operate in dehumidifying mode.
 - The Auto fan speed will be selected automatically in the dry mode. You cannot control the fan speed.
- 3 To adjust the temperature, press the → buttons. The temperature can be set between 18°C(65°F) and 30°C(86°F).
 - **Result:**The temperature will be adjusted by $1^{\circ}C(1^{\circ}F)$ when the \triangle g buttons are pressed.
- 4 To adjust the air swing direction, refer to page 13.





Select the fan mode to circulate air without changing the temperature.

- Press the (ON/OFF) button to turn on the indoor unit.
 Do not press the (ON/OFF) button if the remote controller is on.
 - **<u>Result</u>**: The air conditioner will be turned on with the most recently used mode.
 - Cartion The air conditioner has a built-in protection mechanism to prevent the unit from being damaged when it is started immediately after being:
 - Plugged in
 - Stopped

The air conditioner will start up after 3 minutes.

- 2 To select the FAN mode, press the button until Fan is displayed on the remote controller.
 - **<u>Result</u>:** The air conditioner will operate in fan mode.
 - You cannot adjust the temperature in fan mode.
- 3 Select the fan speed by pressing the $\frac{1}{8}$ button.

Result: Each time the $\overline{\$}$ button is pressed, fan speed will change in the following order: Low $\$_{\bullet} \rightarrow \text{Med } \$_{\bullet} \bullet \rightarrow \text{High } \$_{\bullet} \bullet$

4 To adjust the air swing direction, refer to page 13.







Selecting the Heating Mode

The heating mode can be selected only on the heat pump models.









Select the heat mode to raise the room temperature.

- Press the (ON/OFF) button to turn on the indoor unit.
 Do not press the (ON/OFF) button if the remote controller is on.
 - **<u>Result</u>**: The air conditioner will be turned on with the most recently used mode.
 - বেগ্রাইকা The air conditioner has a built-in protection mechanism to prevent the unit from being damaged when it is started immediately after being:
 - Plugged in
 - Stopped

The air conditioner will start up after 3 minutes.

- To select the HEAT mode, press the displayed on the remote controller.
 Result: The air conditioner will operate in heating mode.
- 3 To adjust the temperature, press the → buttons. The temperature can be set between 16°C(61°F) and 30°C(86°F).
 - **<u>Result</u>:** The temperature will be adjusted by $1^{\circ}C(1^{\circ}F)$ when the \triangle i \bigoplus buttons are pressed.
 - The air conditioner will start heating if the set temperature is higher than the room temperature.
 - The fan will operate even if the set temperature is lower than the room temperature.
- 4 Select the fan speed by pressing the $\frac{1}{\sqrt{3}}$ button.
 - Result:
 Each time the 🖏 button is pressed, fan speed will change in the following order:

 Low 𝔅₁ → Med 𝔅₁₁ → High 𝔅₁₁1 → Auto 𝔅₁₁1
- 5 To adjust the air swing direction, refer to page 13.
 - After starting heating operation, the air may not come out immediately to prevent the cold air from coming out.
 - Defrost (Defrost indicator)

Note

- Defrost indicator will be on while your outdoor unit defrosts the frost formed during heating operation. After defrosting is completed, the indicator will be off. (Air will not come out of the indoor unit while defrosting.)
- If you stop running the air conditioner after heating operation, the air will come out for a while to radiate heat.
- If you select cooling mode while the heating mode is in operation, heating mode will be canceled.



Selecting the Quiet Mode

Select the quiet mode to run the indoor unit as quietly as possible.

- Press the (ON/OFF) button to turn on the indoor unit.
 Do not press the (ON/OFF) button if the remote controller is on.
 - **<u>Result</u>**: The air conditioner will be turned on with the most recently used mode.



2 Select the desired operation mode by pressing the button.





- 3 Press the ^{QuiedStep} button to select the Quiet mode.
 <u>Result</u>: ◆ The air conditioner will operate in quiet mode.
 ◆ Operating noise will be reduced.
 Nows Press the ^{QuietStep} button again to exit the quiet mode.
- - ◆ If you press the ^{QuietSteep} button in fan mode, Restricted will be displayed.

E-11

Selecting the Sleep Mode







Select the sleep mode to sleep in comfort without worrying to urn off the air conditioner in the middle of the night. The air conditioner will turn off automatically after 6 hours.

Press the (ON/OFF) button to turn on the indoor unit.
 Do not press the (ON/OFF) button if the remote controller is on.

<u>Result</u>: The air conditioner will be turned on with the most recently used mode.

2 Select the desired operation mode by pressing the button.

Note: Note:

- Press the button for 3 seconds to select the Sleep mode.
 <u>Result:</u>

 The air conditioner will operate in sleep mode.
 - The air conditioner will gradually raise or lower the set temperature internally and eventually turn off automatically after 6 hours.

Note Press the button for 3 seconds again to exit the sleep mode.

- NO33 ◆ If the indoor unit does not support Sleep mode, Restricted will be displayed when you press the ^{QuietSleep} button for 3 seconds.
 - If the indoor unit is not in Cool/Heat mode, Restricted will be displayed when you press the Overstep button for 3 seconds.

Adjusting the Air Swing Direction

Adjust the air swing direction to circulate the air according to various needs. By adjusting the air swing direction, the efficiency of the air conditioner can be increased.

- Press the swing button.
- Result:

1

- The blade will start swinging up and down.
- Press the swing button again to stop the blade from swinging and set the blade to the desired position.



 NO33
 The air swing direction cannot be set on duct type indoor units.

 Restricted will be displayed when the button is pressed.

Checking the Room Temperature



You can check the current room temperature.

1	Press the	button to check the room temperature.
	<u>Result</u> :	The room temperature will be displayed for 3 seconds and return to set temperature display.
	Note	The room temperature may be slightly different depending on the installation location of the remote controller.

Locking the Multi Function Wired Remote Controller



Lock the multi function wired remote controller to prevent it from children and changing the settings unwillingly.

- Press the button for 3 seconds. 1
 - **Result:** wired remote controller is locked. When the multi function wired remote controller is locked, you cannot control the air conditioner by the multi function wired remote controller. Press the button for 3 seconds again to cancel Maia

the lock.

Operating the ERV

Select ERV function to ventilate the room.

- 1 Press the ^{CHEV} → button to start ERV ventilating system. <u>Result</u>: The fan speed will be displayed as High _{⊗₁}
- **2** Press the $\int_{0}^{F_{\text{EV}}}$ button to select the fan speed.
 - You can adjust the fan speed by pressing the button. The fan speed changes in order of High ♣₁→
 Turbo ♣₁→ Med ♣₁
 - To stop the ERV, press the button again when the fan speed is Med .



- N St ⇒ If you press the multi function when ERV unit is connected to the multi function wired remote controller, you can turn on/off both of ERV and the air conditioner at the same time or turn on/off the air conditioner only. The default setting is turning on/off both of them. (Refer to the installation manual.)
 - The button operates when more than 1 ERV unit is connected to the multi function wired remote controller.

If not, Restricted will be displayed when you press the

• ERV operates in heat exchange mode only.

Using the E. Saver Function



Select E.Saver function to save electricity.

1 Press the	E Eswer button.
Nota	In fan mode, E.Saver is displayed but the E.Saver function is not operated.
Note 🔶	The Eswer button operates only when 1 indoor unit and 1 ERV unit is connected to the multi function wired remote controller. If ERV unit is not connected or more than 2 ERV units are connected, Restricted will be displayed when you control it.
*	When E.Saver function in operation, the indoor unit and ERV unit may operate automatically.
*	If you set the E.Saver function when the air conditioner is operating in cool/heat mode, the set temperature may set automatically [Cooling

22°C(72°F)]. You can change it by pressing the \triangle_{1} to buttons.

operation : 26°C(79°F), Heating operation :

Setting the 7-day Schedule

Set the 7-day schedule to reserve the On/Off timer to be repeated every week. At most 10 schedules may be set for each day.

- Press the ^{content} button to set a schedule.
 Result: The day is set to today and the schedule number displays the next empty schedule number for that day. If there are no schedules set, the schedule number displays 1. If there are 5 schedules set, for example, the schedule number displays 5.
- 2 Press the ^{Select day} button to select the day to set the schedule. **Result:** ◆ Each time the ^{Select day} button is pressed, the
 - Each time the select day button is pressed, the square box shifts to the right.
 Press the selection.
 - Press the _____ button to end the selection.
 You will move to the device selection.
- **3** Press the selection button to select the device.

Result:

Result:

- Each time the $\stackrel{\text{ACCW}}{\longrightarrow}$ button is pressed, AC ERV \rightarrow AC \rightarrow ERV will be selected in order.
 - Press the selection.
 You will move to the On/Off selection.

Cantilon If ERV is not connected, only the AC can be selected.

- 4 Press the $\stackrel{\text{On/Off}}{\longrightarrow}$ button to set the schedule on or off.
 - Each time the \bigcirc button is pressed, On \rightarrow Off will be selected in order.
 - Press the button after the selection.
 If you set On schedule, refer to step '5. Mode selection' and if you set Off schedule, refer to step '10. Hour selection'.









Setting the 7-day Schedule (Continued)



E-18

10	Press the Holding	button and select 'Hour' to set the hour. Press the Hir/Min button until the desired hour is selected. Each time the Hir/Min button is pressed, the time is increased by 1 hour. Press the selection.
11	Press the Harmonian American A	button and select 'Minute' to set the minute. Press the interval button until the desired minute is selected. Each time the interval button is pressed, the time is increased by 1 minute. Press the interval button to select schedule time. The schedule time setting is completed and you will move to schedule confirm display.
12	Press the set	button to complete 7-day schedule. The display blinks once and the schedule set will be saved. Press the button while setting the schedule to cancel the setting. You cannot cancel the schedule after pressing the set button.

Note the schedule is saved, the schedules are automatically sorted and the schedule number is displayed by increasing time order.

- Press the Cancel/Delete button to cancel the setting.
- When the centralized control is set, you can set the 7-day schedule but it will not be executed.







Deleting a Schedule

E-20



ENGLISH

Schedules need not be deleted when there's a holiday. Instead, the holiday can be set to stop the schedule from running for the set holiday while keeping the schedule information.

- Press the button to enter the schedule setup mode.
 <u>Result</u>: The day is set to today and the schedule number displays the next empty schedule number for that day. If there are no schedules set, the schedule number displays {.
 If there are 5 schedules set, for example, the schedule number displays §.
- 2 Select the day of the schedule to be set as holiday by pressing the Select day button.
 - **<u>Result</u>**: Each time the select dip button is pressed, the square box blinks and shifts to the right.
- 3 Set the holiday by pressing the ApplyCance button.
 - **<u>Result</u>:** The schedules are not deleted but the bar below the day becomes invisible to indicate the schedule will not run.
 - Press the ApplyCancel button to cancel the setting.
- Note: • If there are schedules set for a day and if the bar below that day is invisible, that day is set as a holiday.
 - You can use the button only when more than 1 schedule is scheduled on the specific day. If there is no schedule, Restricted will be displayed.
 - The schedule of the day is not executed when the holiday setting is applied.







Resetting the 7-day Schedule



To delete all schedules, reset the schedule.

1 Press the Reset button for 5 seconds. **Result:** All the saved schedules will be deleted.

Note Make sure that the deleted schedule cannot be restored.



Setting the Auto Stop Function

The multi function wired remote controller can be set to turn off the indoor unit(s) after a set period of time has passed since any button on the remote controller was last pressed. This function is used to turn off the indoor unit in case the user forgets to turn off the indoor unit.

- 1 Press the button for 3 seconds to enter the setup mode.
 - **<u>Result</u>:** The multi function wired remote controller will enter the setup mode and the menu will display {.
- Press the setup mode.





- 3 Press the $\stackrel{\triangle}{=} ! = buttons to set the auto stop time.$
 - **<u>Result</u>**: Time is adjusted by 1 hour when the \triangle buttons are pressed.
 - The default time setting is 0. The auto stop time can be set between 0 and 12 hours.
 - If you select 0, auto stop function will be canceled.
- 4 Press the function to complete the auto stop function.

Result: Auto stop function is set.

- Note To cancel the auto stop function, press the button.
- **5** Press the button.

<u>Result</u>: Menu selection display will end.

N33 The air conditioner stops automatically after controlling indoor unit or ERV unit by pressing the 0¹⁰⁰/₀, △ ↓ ↓ , ^{Mode}, ^{Conffw}, ^{Swing}, ^{Eswer}, ^{OuterStepp} buttons.

Setting the Temperature Limits









You can set upper limit/lower limit temperature so that the desired temperature is not set too high or low.

Press the $\stackrel{\text{On/Off}}{=}$ button for 3 seconds to enter the setup 1 mode.

Result: The multi function wired remote controller will enter the setup mode and the menu will display 1.

- Press the \bigoplus^{a} buttons and select menu 2. 2
 - ◆ Each time the [△] [↓] [↓] [↓] [↓] buttons are pressed, menu number increases by 1.
 ◆ Press the ^{Set} ⁱ button to enter the **Result:**
 - temperature limit setup mode.
- Set the lower and upper temperature limit by pressing the 3 \bigtriangleup buttons.

Note

 Set the lower limit first by pressing the $\stackrel{\bigtriangleup}{\doteq} \lim_{s \to t} buttons followed by the$ button and set the upper limit.

- ◆ Each time the ▲ ↓ → buttons are pressed, the temperature is increased/decreased by 1°C(1°F).
- Press the setting.
 Press the caretover button to cancel the temperature limits setup.
- Press the set button to complete the temperature limit 4 settings.

Result: The desired temperature will be restricted by the set lower/upper temperature limit.

- Press the ^{Cancel/Delete} button to cancel the setting. Note
- Press the button. 5

Result: Menu selection display will end.

- Note The lower limit can not be same or higher than upper limit.
 - Even though you set the lower temperature limit to 16°C(61°F), lower temperature will be set to 18°C(65°F) in all the modes except in heating mode. When you set the lower temperature limit to 18°C(65°F), it will be applied under all the operation modes.
 - Temperature limit is applied to 7-day schedule setting as well.



Locking the Part of the Multi Function Wired Remote Controller

To prevent the multi function wired remote controller from children and changing settings unwillingly, you can lock some functions of multi function wired remote controller. Press the \bigcirc button for 3 seconds to enter the setup 1 mode. **Result:** The multi function wired remote controller will SMTWTFS enter the setup mode and the menu will display {. Press the $\stackrel{\triangle}{=}$ buttons and select menu \exists . 2 ◆ Each time the [△] [↓] [↓] [↓] [↓] buttons are pressed, menu number increases by 1. **Result:** Press the set button to enter the lock setup SMTWTFS mode. Press the cancel button to cancel the setting. Note Using the $\overset{\bigtriangleup}{\longrightarrow}$ buttons, you can set the lock setting 3 value of the 0, $\overset{\cdot}{\bigtriangleup}$, $\overset{\scriptscriptstyle Mode}{\bigsqcup}$, $\overset{\scriptscriptstyle Mode}{\bigsqcup}$, $\overset{\scriptscriptstyle Mode}{\bigsqcup}$, $\overset{\scriptscriptstyle Mode}{\bigsqcup}$, buttons. **Result:** Lock setting value - 0: Cancel lock - 1: Set lock Press the setting. On/off Fan speed button button Press the button to complete the part lock settings. 4 Mode button Temperature **Result:** Changed settings will be applied. setting button ◆ ⊖ will be displayed when the lock function is set. Press the ^{Carcel/Delete} button to cancel the setting. Note Press the Cancel/Delete button. 5 00.00 **Result:** Menu selection display will end. Maa If the centralize control is set, you cannot use the part lock function. You cannot use the part lock function when Lock all is set.

Setting the Current Time and Day



Memo

