



UG-AMR01M/E

ENGLISH

OWNER'S MANUAL



WIRE CONTROLLER OF AIR CONDITIONER
AMR01M

Please read this installation manual carefully before installing your air conditioner.
Please keep this manual in a safe place for future reference.
This manual may be subject to change without notice for purpose of improvement.



SAFETY PRECAUTION

- Please read the safety precaution carefully before using. Do observe the following safety precautions, for they are very important.
- Before you come to the text, please be familiar with the following markers and icons, and comply with the precautions.

■ Markers

Markers	Indication
 WARNING	The sign shows the risk of death or serious injury will be caused due to the wrong operation.
 CAUTION	The sign shows the risk of injury or the damage to the property will be caused due to the wrong operation.


■ Icons


Icons	Indication
	FORBID Followed by the detailed illustration
	ENFORCE Followed by the detailed illustration


NOTE :

1. Injury means causing from the harm, burn and electrical shock, but not serious for the hospitalization.
2. The damage of material means the disrepair of property and material.

WARNING

INSTALLATION WARNING	 Installation commitment	<p>Please entrust the dealer or the professional person to do the installation.</p> <p>Users can't install the units by themselves, or the electrical shock or fire may be caused.</p>
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OPERATION CAUTION	 FORBID	<p>Do not spray inflammable liquid on the Wire Controller, or fire may be caused.</p> <hr/> <p>Do not operate with wet hands. Do not let water go into the Wire Controller, or electric shock hazard may have.</p>
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MOVE and REPAIR CAUTION	 FORBID	<p>If you want to move or re-install your Wire Controller, please contact with local dealer.</p> <hr/> <p>Do not disassemble your Central Controller at will. If it is needed, please contact the local dealer. A random disassembly may cause abnormal operation or heating, which may result in fire.</p>
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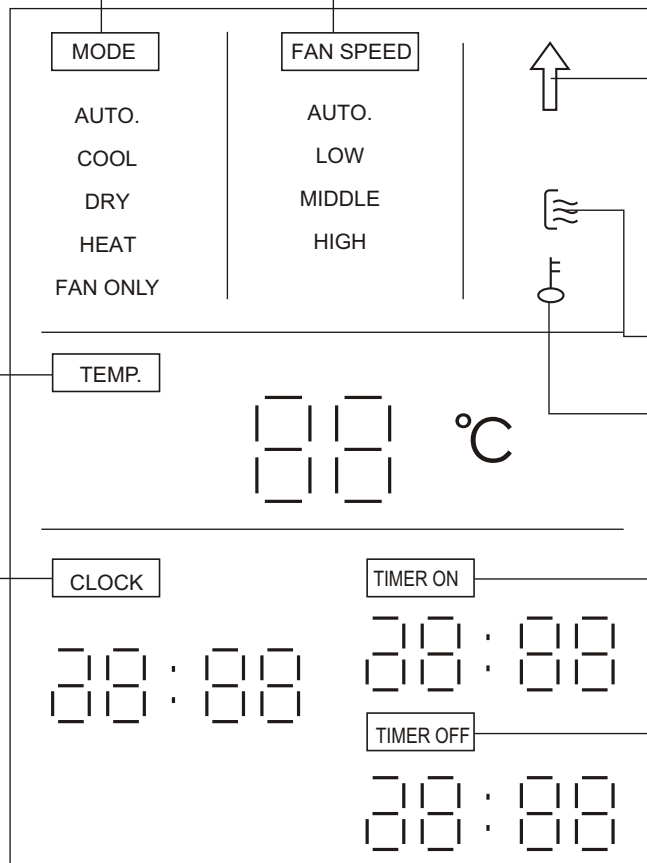
NAME AND FUNCTION OF INDICATORS ON THE WIRE CONTROLLER

MODE DISPLAY
Display the current operation mode, including AUTO, COOL, DRY, HEAT, FAN ONLY.

FAN SPEED DISPLAY
Display the selected fan speed, the 3 fan speed levels are AUTO, LOW, MIDDLE, HIGH.

TEMPERATURE DISPLAY
Display the current temperature setting.

CLOCK DISPLAY
Display the current time(0~24hours).



TRANSMISSION DISPLAY

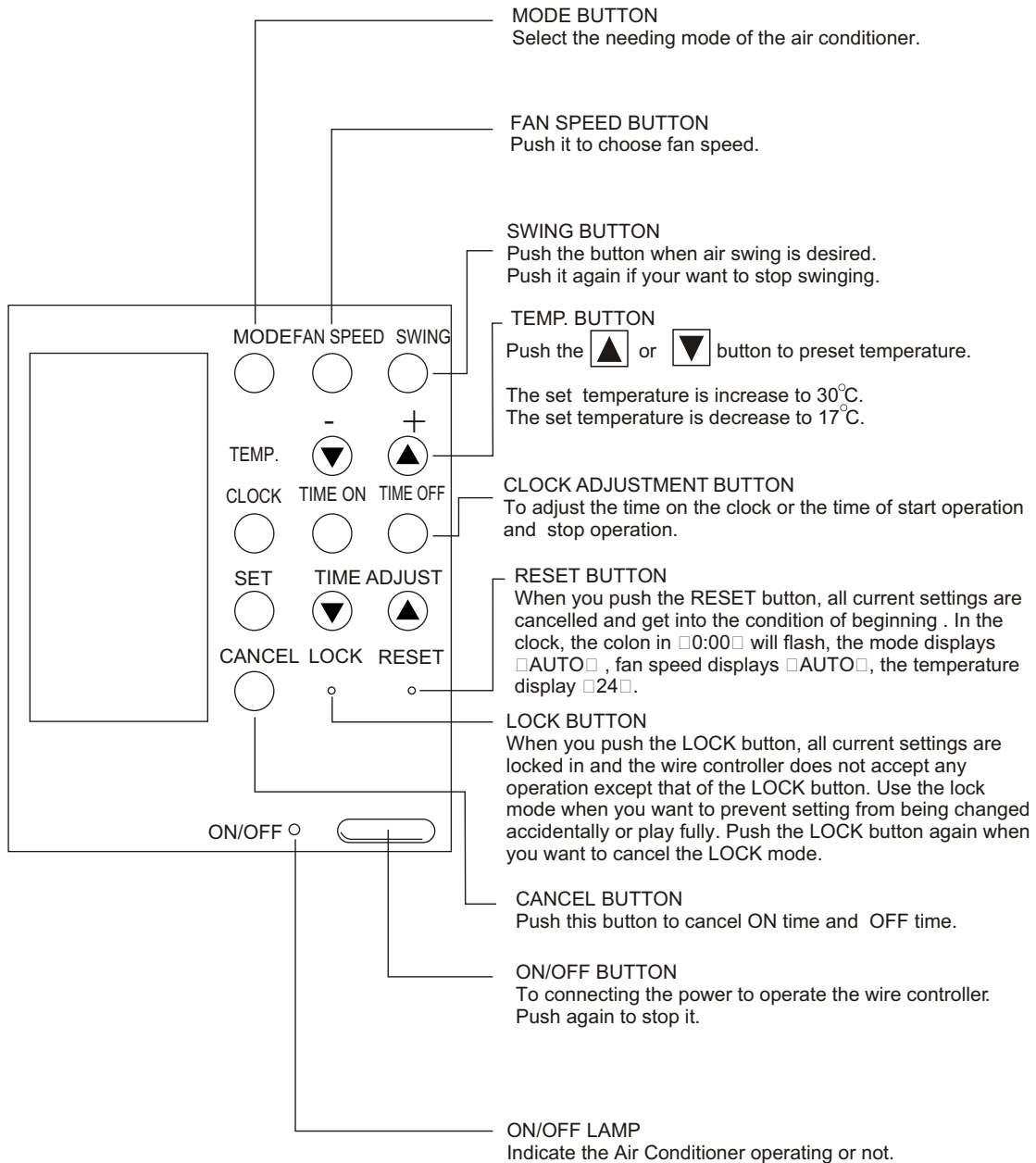
ON/OFF DISPLAY

LOCK DISPLAY

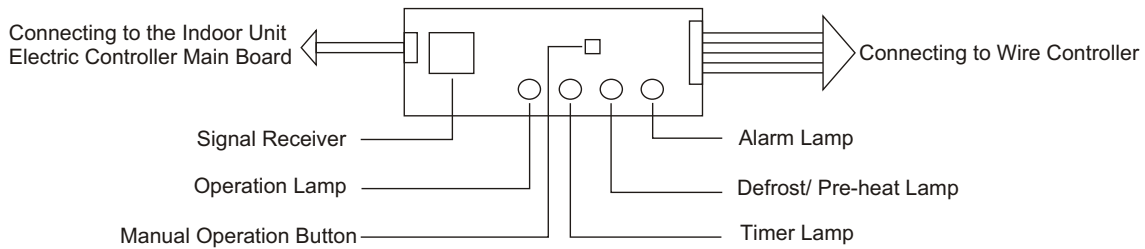
TIMER ON DISPLAY

TIMER OFF DISPLAY

WIRE CONTROLLER AND THEIR FUNCTIONS



NAMES OF SIGNAL RECEIVER ON WIRE CONTROLLER



BEFORE OPERATION THE WIRE CONTROLLER

When the central controller is connected to the power of the first time, symbols on the LCD will all be on for 2 seconds. Then it automatically shift to TIME $\square 0:00\square$, $\square:\square$ is flashing. The MODE is $\square \text{AUTO}\square$, FAN SPEED is $\square \text{AUTO}\square$, TEMP. Indicates $\square 24\square$.

ADJUSTING AIR FLOW DIRECTION

While the unit is in operation, you can adjust the air flow louver to change the flow direction and naturalize the room temperature evenly. Thus you can enjoy it more comfortably.

1. Set the desired air flow direction.

Push the **SWING** button to adjust the louver to the desired position and push this button again to maintain the louver at this position.

2. Adjust the air flow direction automatically.

Push the **SWING** button, the louver will swing automatically.

While this function is set, the swing fan of indoor unit runs; otherwise, the swing fan doesn't run. The swing scale of every side is 30° . When the air conditioner isn't in operation (including when "TIMERON" is set), the **SWING** button will be disabled.

AUTOMATIC OPERATION

1. START

Mode select button (MODE)

Select "AUTO".

Temperature button (TEMP)

Set the desired temperature. Normally, set it 21°C to 28°C

ON/OFF button

The OPERATION lamp on the display panel lights. The operation mode is selected among COOLING, HEATING(Cooling only type without) or FAN ONLY operation according to the drop between the room temperature and the set one. The fan speed display will show AUTO, and the fan speed will not be automatically controlled.

STOP

ON/OFF button

Push this button again to stop the air conditioner and the OPERATION lamp goes off.

COOLING/DRY/HEATING/ FAN ONLY OPERATION

START

Mode select button (MODE)

Select "COOL",DRY, "HEAT", or "FAN ONLY" mode.

Temperature button (TEMP.)

Set the desired temperature from pushing the button ▲ or ▼ .

Cooling: 17 to 30°C

Dry: 17 to 30°C

Heating: 17 to 30°C

Fan Only: TEMP is not displayed, TEMP. Button is disable.

Fan speed button (FAN)

Select any one fan speed from "AUTO", "LOW",MED, and "HIGH".Push the button, the fan speed will change on turn as above.

In the mode of DRY, the fan speed can not be selected; the fan speed will be always on AUTO .

NOTE: some air conditioners have no MED fan speed.

Confirm button(SET)

Push the button to confirm the current setting.

STOP

ON/OFF button

Push this button again to stop the air conditioner and the OPERATION lamp goes off.

SETTING THE CLOCK

Before you start operating the air conditioner, set the clock of the wire controller using the procedures given in this section. The clock panel on the wire controller will display the time regardless of whether the air conditioner is in use or not.

INITIAL SETTING

When the wire controller is connected to the power, the clock panel will display "0:00" and the colon will flash.

1.Time adjust button (TIME ADJUST)

- push this button to set time.

▲ Forward.

▼ Backward.

- Each time you push the button, the time moves forward or backward by one minute depending on which side you Push. If you keep on push the button, the number will change 30m/s as your push.

2. Confirm button (SET)

When you push the SET button, the clock time display stops flashing and the clock starts operating.

3. Readjusting the clock

Push the CLOCK button in the battery compartment, the colon in the clock display will start to flash. To set the new time, follow 1 and 2 of □Initial Setting of the Clock□.

- Clock accuracy is within 10 seconds per day.

CAUTION:

Static electricity or other factors (in case of extremely high voltage) can cause the clock of wire controller to re-initialize. If your wire controller is initialized (flashing of the colon in □0:00□), readjust the clock before you start operation.

TIMER OPERATION

1. ON / OFF TIMER button

- Push the ON or OFF TIMER button as required. The current timer setting is displayed along with ON/OFF TIMER indicator, and the colon in the timer setting will flash.

2. Time adjust button (TIME ADJUST)

- Push to set the desired time.

▲ Forward

▼ Backward

- Each time you push the button the time moves forward or backward by 10 minutes depending on which side you push. If you keep on push the button, the number will change 30m/s as your push.

When ON-TIME or OFF-TIME, push the □SET□ button, □:□ will stop flash, the clock will begin to operate. The TRANSMISSION DISPLAY colon will flash, the indoor unit sounds and the air conditioner will start and stop operation according the setting time.

3. Cancel button(CANCEL)

Push the CANCEL button to cancel the timer setting.

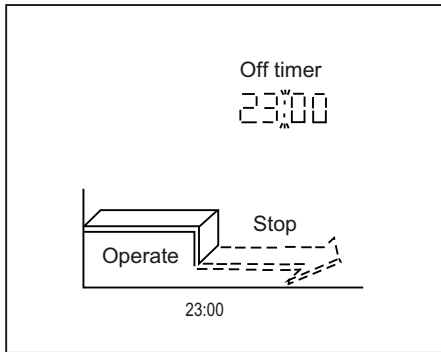
Changing

Preform steps 1, 2 and 3 to change the setting.

CAUTIONS:

- *The effective operation time set by wire controller is limited in 24 hours.*
- *The timer will not work if ON and OFF timer are set at the same time.*

EXAMPLE OF TIMER SETTING



OFF TIMER (Operation → Stop)

The OFF-time feature is useful when you go to sleep. The air conditioner will stop automatically at the time set.

Example:

To stop the air conditioner at 23:00 p.m.

- Push the OFF-TIME button. The last set time is displayed, and the colon is flashing for confirmation.
- Use the TIME ADJUST button to display "23:00" on the OFF timer indicator of the wire controller.
- Push the SET button. The colon stops flashing and the setting is over.

ON TIMER

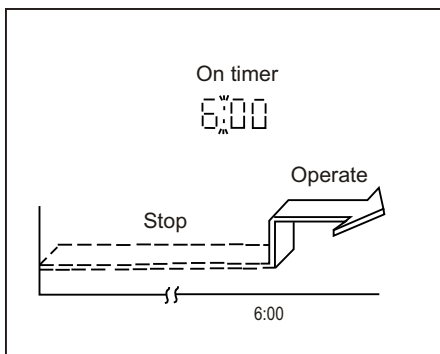
(Stop → Operation)

The ON timer feature is useful when you wake up in the morning or when you return home. The air conditioner will automatically start operating at the time set.

Example:

To start the air conditioner at 6:00.

- Push the ON-TIME button. The last set time is displayed, and the colon is flashing for confirmation.
- Use the TIME ADJUST button to display "6:00" on the ON time indicator of the wire controller.
- Push the SET button. The colon stops flashing and the setting is over.



COMBINED TIMER (Setting both ON and OFF timers simultaneously)

OFF timer → ON timer

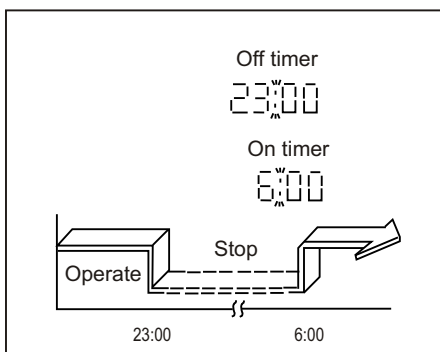
(Operation → Stop → Operation)

This feature is useful when you want to stop the air conditioner after you go to sleep, and start it again in the morning when you wake up or you return home.

Example:

To stop the air conditioner at 23:00 and start it again next morning at 6:00.

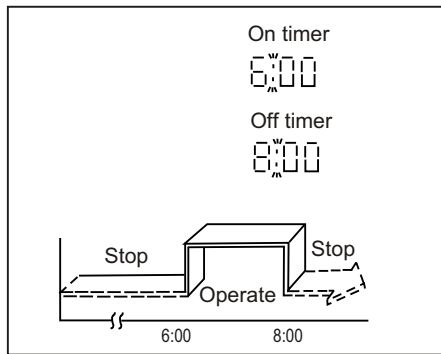
- Push the OFF-TIME button. The last set time is displayed, and the colon is flashing for confirmation.
- Use the TIME ADJUST button to display "23:00" on the OFF timer indicator..
- Push the ON-TIME button. The last set time is displayed, and the colon is flashing for confirmation.
- Use the TIME ADJUST button to display "6:00" on the ON timer indicator..



- Push the SET button. The colon stops flashing and the setting is over.

ON timer → OFF timer
(Stop → Operation → Stop)

You can use this setting to start the air conditioner when you wake up and stop it when you leave the house.



Example:

To start the air conditioner at 6:00 next morning, and stop it at 23:00.

- Push the ON-TIME button. The last set time is displayed, and the colon is flashing for confirmation.
- Use the TIME ADJUST button to display "6:00" on the ON timer indicator of the wire controller.
- Push the OFF-TIME button. The last set time is displayed, and the colon is flashing for confirmation.
- Use the TIME ADJUST button to display "23:00" on the OFF timer indicator.
- Push the SET button. The colon stops flashing and the setting is over.

RESET AND LOCK BUTTON FUNCTION

1. Use a small stick to push the RESET button

when you push the RESET button, all current settings are cancelled and get into the condition of beginning. In the clock, the colon in □0:00□ and □:□ will flash, the mode displays □AUTO□, fan speed displays □AUTO□ and the temperature display □24□.

2. Use a small stick to push the LOCK button.

When you push the LOCK button, all current settings are locked in the remote controller does not accept any operation except that of the LOCK button. Use the lock mode when you want to prevent settings from being changed accidentally or playfully.

Push the LOCK button again to cancel the LOCK mode.




TEMPORARY OPERATION

This function is used to operate the unit temporarily in case the wire controller can not be used or testing the air conditioner.

When you choose the TEMPORARY mode, the air conditioner will operate as □COOL(HIGH)□, the operation is not related to the indoor temperature. The wire controller is disabled in such condition, and the wire controller can be used after cancel the TEMPORARY function.

INDICATING AND MEANINGS OF THE WIRE CONTROLLER

1. The meanings of the LCD indicator:

INDICATOR	MODE	MEANING OF INDICATOR
	FLASHING	The wire controller is transmitting signal to the air conditioner.
	ILLUMINING	The air conditioner is operated.
	GOING OFF	The air conditioner is stop.
	ILLUMINING	The wire controller is in the mode of LOCK.
	GOING OFF	The wire controller is in the mode of UNLOCK.

2. The meanings of the mode lamp:

MODE	MEANING OF INDICATOR
The lamp goes off, the fan on LCD also goes off	The air conditioner is not operated.
The lamp goes off, the fan on LCD illumines	The air conditioner is in malfunction
The lamp goes off, the LCD also goes off	The wire controller is not connected to the power
The mode lamp is flashing	Waiting for signal or in malfunction
The mode lamp is on	The air conditioner is operating

DE - COMMISSIONING DISMANTLING & DISPOSAL

This product contains refrigerant under pressure, rotating parts, and electrical connections which may be a danger and cause injury!

All work must only be carried out by competent persons using suitable protective clothing and safety precautions.



Read the Manual



Risk of electric shock



Unit is remotely controlled
and may start without warning

1. Isolate all sources of electrical supply to the unit including any control system supplies switched by the unit. Ensure that all points of electrical and gas isolation are secured in the OFF position. The supply cables and gas pipework may then be disconnected and removed. For points of connection refer to unit installation instructions.
2. Remove all refrigerant from each system of the unit into a suitable container using a refrigerant reclaim or recovery unit. This refrigerant may then be re-used, if appropriate, or returned to the manufacturer for disposal. **Under No circumstances should refrigerant be vented to atmosphere.** Where appropriate, drain the refrigerant oil from each system into a suitable container and dispose of according to local laws and regulations governing disposal of oily wastes.
3. Packaged unit can generally be removed in one piece after disconnection as above. Any fixing down bolts should be removed and then unit lifted from position using the points provided and equipment of adequate lifting capacity. Reference MUST be made to the unit installation instructions for unit weight and correct methods of lifting. Note that any residual or spilt refrigerant oil should be mopped up and disposed of as described above.
4. After removal from position the unit parts may be disposed of according to local laws and regulations.