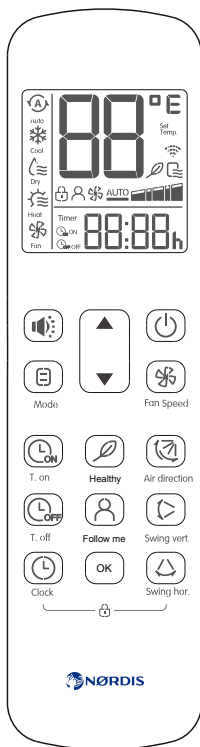# NØRDIS

REMOTE CONTROLLER OWNER'S MANUAL
NC-RM12A

Thank you very much for purchasing our product.
Before using your unit, please read the manual carefully and
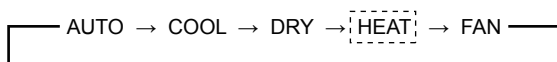*keep it for future reference.*

CONTENTS   PAGE

1. REMOTE CONTROLLER SPECIFICATIONS
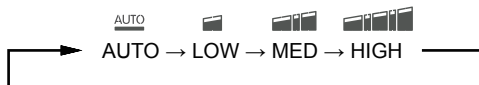
Model	NC-RM12A
Rated Voltage	3.0V(2 pieces of LR03 7# batteries)
Min voltage for sending signal of CPU	2.0V
Effective receiving distance	8m ~ 11m （when 3V，11m ）
Environment Temp. Range	-5°C ~ 43°C

2. INTRODUCTION OF FUNCTION BUTTON ON THE REMOTE CONTROLLER

MODE: Once pressing this button, running mode will be selected as the following sequence:

$$AUTO \rightarrow COOL \rightarrow DRY \rightarrow HEAT \rightarrow FAN$$

FAN SPEED: Fan speed will be selected as the following sequence once pressing this button:

$$AUTO \rightarrow LOW \rightarrow MED \rightarrow HIGH$$

If the remote controller is set to 5-level wind speed, and the wind speed will be selected as following sequence once pressing this button:

$$AUTO \rightarrow LOW \rightarrow MED\text{-}LOW \rightarrow MED \rightarrow MED\text{-}HIGH \rightarrow HIGH$$

CAUTION

Remote controller mode should correspond to indoor unit. If remote controller controls 3-level wind speed indoor unit, you must select 3-level mode, if remote controller controls 5-level wind speed indoor unit, you must select 5-level mode, otherwise, it will result in wind level control error.

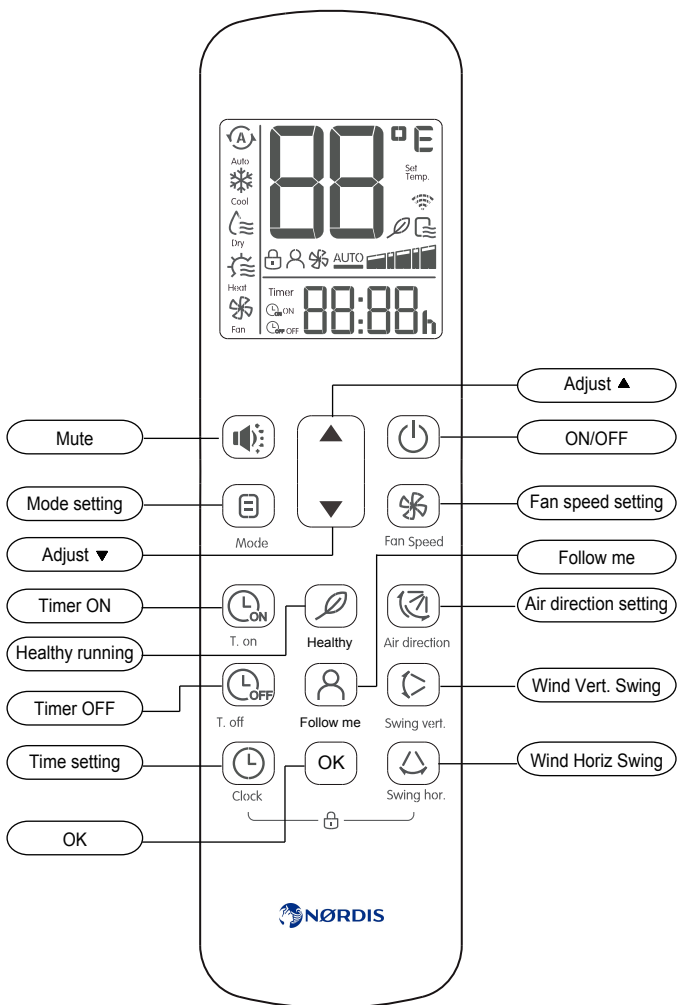Adjust ▲: Increase the set temp.

Keeping pressing will increase the temp with 1° C per 0.5s.

Adjust ▼: Decrease the set temp.

Keeping pressing will decrease the temp with 1° C per 0.5s.

ON/OFF: For turning on or turning off the air conditioner.

	Adjust ▲
Mute	ON/OFF
Mode setting	Fan speed setting
Adjust ▼	Follow me
Timer ON	Air direction setting
Healthy running	
Timer OFF	Wind Vert. Swing
Time setting	Wind Horiz Swing
OK	

NØRDIS

Appearance of the remote controller

2. INTRODUCTION OF FUNCTION BUTTON ON THE REMOTE CONTROLLER

AIR DIRECTION: Activate swing function of air deflector. Once pressing, air deflector will turn 6°. For normal operation and better cooling effect, deflector will not turn to the degree which is the state of deflector when the unit is turned off.(Only available when remote controller is used with corresponding unit.)

Wind Horiz Swing: After the unit is powered on, activate or turn off wind horizontal swing function. (Only available when remote controller is used with corresponding unit.)

Wind Vert Swing: After the unit is powered on, activate or turn off wind vertical swing function. When the unit is powered off, press this button is invalid. (Only available when remote controller is used with corresponding unit.)

CLOCK: Display the current time. (12:00 is displayed when resetting or electrifying for the first time.) Press CLOCK for 5s, icon indicating hour will flash as 0.5s and you can adjust it by pressing adjust button. Press it again, icon indicating minute will flash as 0.5s. and are used to adjust the figure.Setting or modification is effective only by pressing OK button to make confirmation. If no input action in 5s when entering into clock setting status,it will log off automatically.

TIMER ON: For time ON setting. Once pressing this button, the time will increase by 0.5 hour. When the set time exceeds10 hours, pressing the button will increase the time by 1 hour. Adjusting the figure to 0.00 will cancel time ON setting.

TIME OFF: For time OFF setting. Once pressing this button, the time will increase by 0.5 hour. When the set time exceeds 10 hours, pressing the button will increase the time by 1 hour. Adjust the figure to 0.00 will cancel time ON setting.
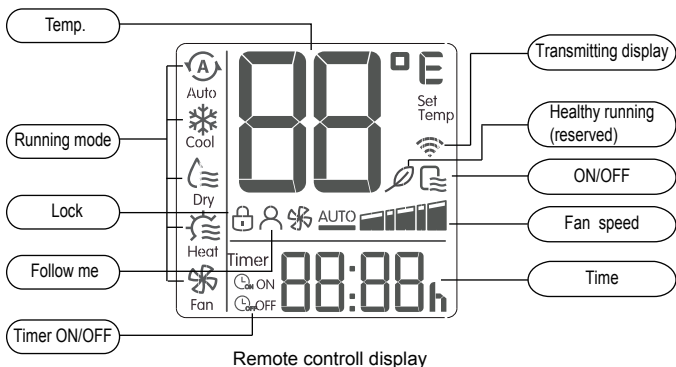
MUTE button: Under COOL, HEAT, FAN modes, press this button to set into the quiet operation, it is used to reduce the running noise through setting the fan speed to low. Under AUTO, DRY mode, the fan speed is auto and the MUTE button doesn't work.

Health running button: reserved function, press this button is invalid.

OK: Used to confirm the time setting and modification.

FOLLOW ME button: when powering the unit on in cooling, heating or auto mode press this button to start FOLLOW ME function and press again to log off.

3. INDICATORS AND FUNCTIONS

Remote controll display

Temp display: Display the set temperature. Adjust temperature via ▲ and ▼.
No display in this area if the unit is on FAN mode.

Transmitting display: The icon will flash once when the signal is sent by remote controller.

ON/FF: Icon is displayed when the remote controller is turned on, or vice versa.

Running mode: Press MODE to display current running mode.
AUTO, COOL, DRY, HEAT and FAN can be selected.

Time display: Display the current set time. Press CLOCK for 5s, icon indicating hour will flash, press ▲ and ▼ to adjust. Press this button again, icon indicating minute will flash. ▲ and ▼ are used to adjust the figure. Setting or modification is effective only by pressing OK button to make confirmation.

LOCK display: Press TIME and Swing Hor. at the same time, LOCK icon will display, press them simultaneously again, the lock icon will disappear.

Timing ON/OFF display: When set "timer" "on" only, then display Timer on;
When set timer off only, then display "Timer" "off"; when set timer on and timer off at the same time, then display "timer", "ON" "OFF".

Fan speed: Press FAN SPEED to display the current wind speed.

FOLLOW ME After the unit is powered on, and the current operation mode is Auto, cooling or heating, press FOLLOW ME button to start this function, simultaneously will display the icon and press it again or switch to another operation mode, or power off the unit will log off FOLLOW ME function and the icon will disappear.

Healthy running function display: reserved function.
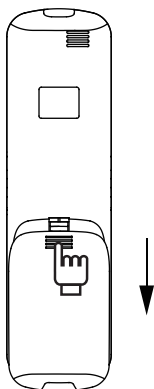
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3. INDICATORS AND FUNCTIONS

CAUTION

For discribing those clearly, all items are displayed in the picture, but in actual situation, only relative items will display. When the first time to power on and reset the unit, all items will display as well.
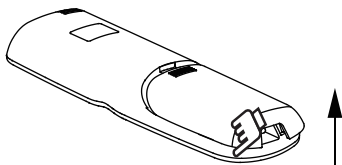
4. OPERATION INSTRUCTION

4.1 Installation and replace the batteries

1. Use 2 pieces of 7# batteried in the remote controller.

2. When installing batteries please open the battery cover and install 2 new batteries according to positive and negative pole instructions.
   When replacing batteries, please use the same method, to take out the old ones and replace by new ones.

3. Method of opening the battery cover:
   3.1. Slide the battery cover downward(shown in the figure).

3.2. Open battery cover with hands upward at the lower left side of battery cover.

4.2 AUTO operation.

1. Press MODE to select AUTO.
2. Adjust temp via ▲ and ▼. Generally the range is 17°C~30°C.
3. Press ON/OFF and running indicator light on indoor unit is lightened.
   Air conditioner will work on AUTO mode and fan speed is AUTO which is nonadjustable.
   Press ON/OFF button and the air conditioner will stop.
4. In Auto operation mode, FOLLOW ME function is valid.

4.3 COOL/HEAT/FAN/DRY operation method

1. Press MODE to select any one of COOL, HEAT, FAN, DRY.
2. Adjust temp via ▲ and ▼. Generally the range is 17°C~30°C.
3. Press FAN button to set fan speed, in DRY mode, fan speed it "Auto", it is unadjustable.
4. Press ON/OFF and running indicator light on indoor unit is lightened.
   Air conditioner will start working as selected mode, press ON/OFF button and the air-conditioner stops.

CAUTION

1. In FAN mode, temp. can't be set. When choose this mode, only procedures 1,3,4 are carried out, FOLLOW ME button will be invalid.
2. In DRY mode, fan speed can't be set. When choose this mode, only procedures 1,2,4 are carried out, FOLLOW ME button will be invalid.
3. For discribing those clearly, all items are displayed in the picture, but in actual situation, only relative items will display. When the first time to power on and reset the unit, all items will display as well.

4.4 Timer operation

TIMER ON and TIMER OFF are used to turn on and turn off the unit at the set time respectively.

4.4.1 TIMER ON setting only

1. Press TIMER ON, the remote controller will display SET, HOUR and ON are lightened.
2. Press TIMER ON again and adjust the time.
3. Keep pressing this button, the time will increase by 0.5 hour. When theset time exceeds 10 hours, pressing the button will increase the time by 1 hour.
4. 0.5s after setting, remote controller will send TIME ON command to the unit.

4.4.2 TIMER OFF setting only

1. Press TIMER OFF, icon SET, HOUR and OFF are lightened.
2. Press TIMER OFF again and adjust the time.
3. Keep pressing this button, the time will increase by 0.5 hour. When the set time exceeds 10 hours, pressing the button will increase the time by 1 hour.
4. 0.5s after setting, remote controller will send TIMER OFF command to the unit.

4.4.3 Set TIME ON and TIME OFF simultaneously

1. Set TIMER ON according to procedures 1 and 2 specified in TIMER ON operation.
2. Set TIMER OFF as the procedures 1 and 2 specified in TIME OFF operation.
3. If both the set time of TIME ON and TIME OFF not exceed 10 hours, time OFF operation will activated 0.5 hour later than time ON operation. If both the set time of TIMER ON and TIMER OFF exceed 10 hours, timer OFF operation will be activated 1 hour later than timer ON operation.
4. 0.5s after setting, remote controller will send TIME ON command to the unit.

4.4.4 Modification of timer operation

Press corresponding button and readjust the time of timer ON
and timer OFF. Adjust the time figure to 0.00 to cancel the timer operation.

CAUTION

The time set in timer operation is the relative figure based on the clock on remote controller.

5. INITIALIZATION PARAMETER SETTINGS OF REMOTE CONTROLLER

1. Relative functions can be changed by adjusting the initialization parameters of remote controller,for the details, please refer to Table 5.1

2. Settings of Remote controller initialization parameters are made of a 2-digit code "XY", the first code "X" means function classification, the second code means the specific configuration of this function.

3. Setting methods:
   a. Press "MODE" and "FAN" button for 5s to enter into remote cotroller parameter settings;
   b. At this time, the first code "X" is "0", press ▲ and ▼buttons to adjust the value of the second code.
   c. After adjusting the value of the second code, press OK button to swift to the first code to the next function classification.
   d. When the value of the first code is "9", press OK button again to log off parameter setting status directly.

4. Initialization parameter settings of remote controller is used when the default function need to be changed, otherwise it is invalid.

5. INITIALIZATION PARAMETER SETTINGS OF REMOTE CONTROLLER

The first code	Function	The second code	
		0	1
0	Cool only╱ Cool and Heat	Cool and Heat (Default)	Cool only
6	˚C/˚F	˚C (Default)	˚F
9	3-level speed/ 5-level speed	3-level speed (Default)	5-level speed

Table5.1 Functional code of remote controller

6. CAUTIONS

- Curtain, door or the like objects will prevent the remote signal from being received by air conditioner.

- Do not get the interior of remote controller wet. It is forbidden to expose it to direct sunlight or locate it in the place with high temp.

- Malfunction may occur if infrared signal receiver on air conditioner is exposed to sunlight. Please shelter the signal receiver from sunlight with curtain.

- Please remove the nearby electronic device for they may affect the performance of remote controller or contact the local dealer and service center.

- Do not put the used or different batteries into the remote controller, otherwise remote controller will fail to send signal.

- Please remove the batteries before long period unused, otherwise the remote controller may be damaged.

- If pressing the button reset the remote controller, which indicates low battery, please replace the batteries.

- If no receiving sound is heard from indoor unit or on remote controller does not flash, please replace the batteries.

- Effective transmitting distance of remote controller is 8m, please aim the signal sending part to the receiver on air conditioner.

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