

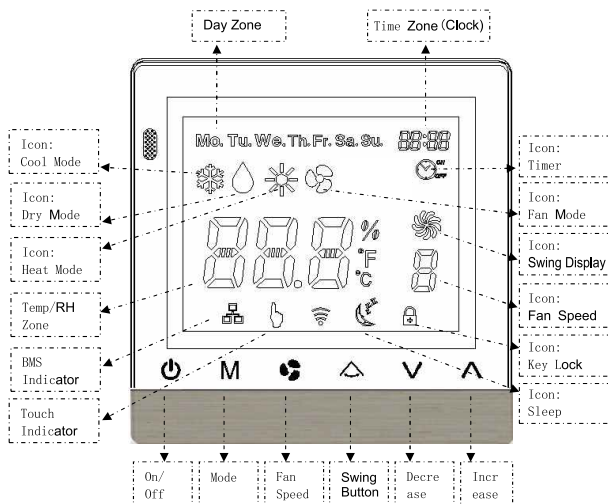


## WIRED CONTROLLER NIAGARA\_FPC

Série  
NIAGARA

11/25

# Instructions For Using The Remote Control Display Screen And Buttons



## 1. Key lock and unlock

1.1. Press the **【Decrease】** and **【Increase】** at the same time for 3 seconds, and the **【Key Lock】** icon will display  
 1.2. Press the **【Decrease】** key and the **【Increase】** key simultaneously for 3 seconds in the locked state, and the **【Key Lock】** icon will not be displayed.

1.3. No operations can be performed in the locked state

## 2. Timer switch settings

2.1. Press the **【Swing Button】** key for 3 seconds to enter the reservation switch setting state

2.2. In the setting status of the scheduled switch, short press the **【Mode】** key to select the week when it is set.

2.3. In the setting status of the scheduled power on/off, short press the **【Swing Button】** key to select the timing on hours, timing on minutes, timing off hours, and timing off minutes.

2.4. When the timer is set to turn on, ON of the timer display area will flash, and the time display area will display "--:", which means that the timer-on function of the day is not activated, and the timer-on time will be displayed when it is activated. Short press or long press the **【Decrease】** or **【Increase】** key to adjust the time and activate the timing power-on setting.

2.5. When setting the timer shutdown, OFF in the timer display area flashes, and the time display area displays "--:", which means that the timer shutdown function of the day is not activated, and the timer shut-down time is displayed when it is activated. Short press or long press the **【Decrease】** or **【Increase】** key to adjust the time and activate the timer power off setting.

2.6. Short press the **【Fan Speed】** key to cancel the current power-on appointment or power-off appointment, and the time display area displays "--:--".

2.7. 10S no key operation to exit, or long press the **【Mode】** key for 3 seconds to exit. Clock ON lights up if any group of power-on reservations are active. If any group of shutdown reservations is activated, the clock OFF lights up.

## 2.8. Cancel the timer switch reservation

In the non-set time switch state, long press the **【Mode】** key and the **【Fan Speed】** key for 3 seconds to cancel all time switch reservations.

## 3. Sleep function

3.1. Long press the **【Mode】** key to enable or disable the sleep function

3.2. Sleep mode can only be activated in cooling or heating mode

3.3. After 0.5 hours after the sleep mode function is activated, the set temperature of cooling mode will increase by 0.5°C, and the set temperature of heating mode will decrease by 1°C

3.4. One hour after the sleep mode function is activated, the set temperature of cooling mode will increase by 1°C, and the set temperature of heating mode will decrease by 2°C

3.5. 2 hours after the sleep mode function is activated, the set temperature of cooling mode will increase by 2°C, and the set temperature of heating mode will decrease by 3°C

3.6. Shut down or switch the mode will exit the sleep mode

## 4. Clock settings

4.1. Press the **【Swing Button】** key and **【Increase】** key simultaneously for 3 seconds to enter the Clock settings. The clock symbol flashes.

4.2. In the real-time time setting state, short press the **【Swing Button】** key to switch between setting the hour or setting the minute.

4.3. In the real-time time setting state, short press or long press the **【Decrease】** or **【Increase】** key to adjust the time.

4.4. Short press the **【Mode】** key to set the day of the week.

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4.5. 15S no key operation to exit, or long press the **【Mode】** key for 3 seconds to exit.

5. Centralized control function

5.1. Modify the wind speed mode, set the temperature, and press and hold the **【On/ Off】** key to enter the centralized control mode. The network status icon will flash, and the time display area will display the controlled stateAddress 1-64 and ALL (full control).

5.2. Short press the **【Decrease】** or **【Increase】** key or long press and hold the **【Decrease】** or **【Increase】** key to modify the address. Short press the **【On/ Off】** key to control the controlled address unit and send it once, The address flashes once, and there is no key operation for 15 seconds or short press the **【Mode】** key to exit..

6. Swinging function

6.1. Short press the **【Swing Button】** button to start and stop the swing wind.

7. Celsius Fahrenheit switching

7.1. Press the **【Swing Button】** and **【Decrease】** keys simultaneously for 3 seconds to switch between Celsius and Fahrenheit degrees.

8. Trouble elimination

The fault code is displayed in three ways: the LED light on the panel display board is flashing, the temperature digital display on the panel display board is displayed, and the code for the clock position of the wire controller is displayed. The specific fault code and content are shown in the table below;

Green LED	Yellow LED	Red LED	Wire controller code	Digital display code	Serial Number	Fault content
●			E002	E2	1	Water level switch action
	●		E001	E1	2	T1 room temperature sensor open circuit or short circuit
		●	E004	E4	3	T2 inner disc sensor open circuit or short circuit
	●	●	E008	E8	4	T3 inner disc sensor open circuit or short circuit
			E016	E7	5	DC motor malfunction
			E032		6	Communication failure of wire controller

The fault displayed on the light board is a single display. When there are two types of faults, only one is displayed, and the other fault is displayed after one is restored.

9. Built in parameter settings

9.1. Press and hold the **【Mode】** and **【Swing Button】** keys for 3 seconds to enter the password input state. The time zone displays "1212" and requires password input.

9.2. In the password input state, short press the **【Swing Button】** key to select the input password position.

9.3. In the password input state, short press the **【Decrease】** and **【Increase】** keys to change the password.

9.4. In the password input state, after modifying the fourth digit of the password, if the password is correct, short press the **【Swing Button】** key to enter the parameter setting stateStatus, password error returns to the first digit of the password.

9.5. In the parameter setting state, short press the **【Swing Button】** key to select the parameter.

9.6. In the parameter setting state, short press the **【Decrease】** or **【Increase】** keys to modify the parameters, and the time display area will display the parameters.

9.7. In the parameter setting state, long press the **【Decrease】** or **【Increase】** keys to quickly modify the parameters, and the time display area will display the parameters.

9.8. In the parameter setting state, short press the **【Mode】** key to exit, or exit without any key operation for 15 seconds. Save the parameters when exiting.

9.9. In the parameter setting state, press the **【Decrease】** and **【Increase】** keys simultaneously for 3 seconds to reset all parameters.

9.10. When the communication between the line control and the motherboard fails, it cannot enter the parameter setting state.

Select	Explain	Default value	Range
P1	Fan regulation mode	0	0=5-speed regulation, 1=infinite speed regulation
P2	Minimum speed percentage	30	10% -50% (actual minimum speed not less than 200 RPM)
P3	Baud rate	2	0=2400BPS, 1=4800BPS, 2=9600BPS, 3=19200BPS
P4	Offset temperature	0	-40-40; -40=-4.0°C, 24.8°F; 40=4.0°C, 39.2°F;

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