

# CLIMATE 5000 VRF

Wired Remote Controller

WRC-HP



**BOSCH**

User manual

6 720 862 456 (2016/04)

Before using your air conditioning unit, please read this manual carefully and keep it for future reference.

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## 1. Safety precautions

Read the safety precautions carefully prior to installing the controller. Stated below is important safety information. Once test operation has been successfully completed, this manual must be left with the user.

### Identifier description

Identifier	Meaning
 <b>Warning</b>	Failure to observe a warning may result in serious injury.
 <b>Caution</b>	Failure to observe a caution may result in injury or damage to the equipment.

## 2. Main parameters and functions

### Main parameters

Table 2-1

Input voltage	DC +5V
Ambient temperature	-5~43°C
Ambient humidity	RH40%-RH90%

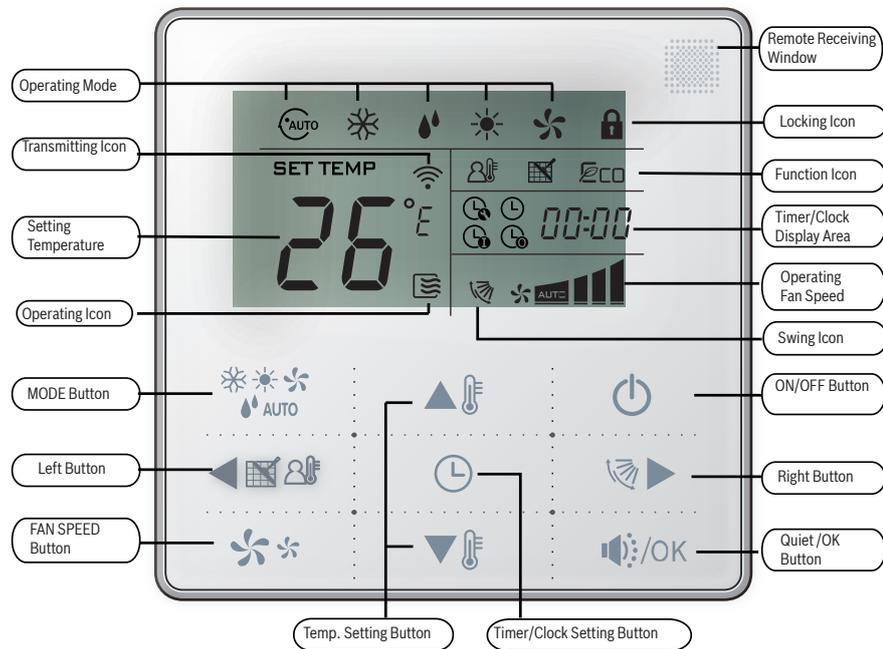
### Functions

Main functions of this wired remote controller as follows:

- 1 Connect with indoor unit via the four ports of A, B, C, D.
- 2 Set operation mode via buttons.
- 3 Provided with LCD display function.
- 4 Provided with timing function.

### 3. Wired remote controller

WRC-HP



#### CAUTION

This controller has no economy function.

### 4. Operation instructions

#### Remote signal receiving function

The wired controller can be a remote signal receiving device, you can use the wireless remote controller to control the air-conditioner through the wired remote controller when the system has been powered on.



#### CAUTION

The wired controller will not receive a 'SWING' function from the infrared remote controller. This can be overcome by transmitting the signal directly to the indoor unit, or using the wired controller directly.

#### Switching the air conditioning unit on/off

Press the On/Off button to control the indoor unit on and off status.

When the unit is turned off, press the ON/OFF button, the unit will be turned on and the operating icon  lights up.

When the unit is turned on, press the ON/OFF button, the unit will be turned off and the operating icon  will go off.

#### Set the operating mode

Press the mode button to set the operating mode, after each press of the mode button the operation mode will repeat in sequence as follows:  
 AUTO → COOL → DRY → HEAT → FAN → AUTO

When the controller has been set to cool-only, there will be no HEAT mode.

### Fan speed setting

Whilst in COOL, HEAT or FAN modes, the fan speed can be adjusted by pressing the 'fan speed button'.

Continue pressing the fan speed button until desired setting is achieved.  
AUTO→LOW→MID→HIGH→AUTO.

Whilst in AUTO and DRY modes the fan speed is not adjustable.

### Temperature setting

Under AUTO, COOL, DRY, HEAT modes, press the temperature setting buttons  and  to set the temperature, the adjusting range is 17°C~30°C (or 62°F~88°F).

The set temperature cannot be adjusted under FAN mode.

### Timer on and Timer off setting

Press the timer/clock setting button, then enter into the timer on setting status, and the screen will display  and .

Press  and  buttons to adjust the timer. when the timer setting is less than 10 hours, each press  or  will increase or decrease in 0.5 hr increments. When the timer setting is more than 10 hours, each press  or  will increase or decrease by 1 hr increments, the maximum timer setting is 24 hours.

Once the settings have been set, press the  button or wait for 5 seconds to confirm and exit the timer on setting.

Whilst in the timer on setting status, press the timer/clock setting button, then enter into the timer off setting status, and the screen will display  and .

The setting method of timer off is the same as the timer on.

Whilst in timer setting state, set the timer on and timer off to be 0.0h can cancel timer on and timer off function.



### CAUTION

If the remote controller has a timer set, you can manually override the timer by pressing the on/off button.

### Clock setting

Press and hold the timer/clock setting button for 3 seconds, then enter into the clock setting status.

The hour position of the clock will flash, press  and  to adjust the hour value.

After finishing the hour setting, press left button  or right button  to switch to minute position setting, then the minute position will flash, press  and  to adjust the minute value.

Once the clock settings have been set, press the  button or wait for 5 seconds to confirm and exit the setting state.

### Quiet operation

Whilst in COOL, HEAT, FAN modes, press the  button to activate quiet operation. This function will reduce the noise level by reducing the fan speed.

Whilst in AUTO, DRY mode, the fan speed is auto and the  button will not work.

### Lock the wired controller

Press the temperature adjusting buttons  and  simultaneously, the wired remote controller enters into locking state, and the locking icon  will be displayed.

Under the locking state, the wired controller will not respond to any buttons which are pressed including those on the remote controller.

Simultaneously press the temperature adjusting buttons  and  to cancel the locking state.

### Air filter cleaning reminding function

The wired remote controller records the total running time of the indoor unit, when the accumulated running time reaches the pre-set value, the air filter cleaning icon  will be displayed. This is an indication that the air filter will need to be cleaned.

Long press  for 3 seconds to reset the air filter cleaning icon. The wired controller will then start to calculate the running time once again.



### CAUTION

The default setting value of the air filter cleaning function is 2500 hours, this can be changed to 1250 hours, 5000 hours or 10000 hours.

### Swing Function

If the indoor unit has a swing function, press the  button to adjust the air outlet direction of the indoor unit. Pressing and holding this button for 3 seconds will turn on or turn off the auto swing function, the swing icon  will be displayed when the auto swing function is turned on.

### Follow Me function

When the system is running and the operating mode is AUTO, COOL or HEAT, pressing the  button will activate the Follow Me function, press this button again to deactivate the function. Operating mode changeover will deactivate the function. When the Follow Me function is activated, the icon  will be displayed, the wired controller will display the room temperature read from the local sensor, and transmit the temperature value to the indoor unit every 3 minutes.







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