

daitsu

SERIE

CDV-L1 // CDV-1F

EDITION

R00



INSTALLATION MANUAL USER MANUAL

REMOTE CONTROLLER



Models:
CDV-L1
CDV-1F

Preface

For correct installation and operation, please read all instructions carefully. Before reading the instructions, please be aware of the following items:

(1) For the safe operation of this unit, please read and follow the instructions carefully.

(2) During operation, total capacity of indoor units should not exceed the total capacity of outdoor units. Otherwise, poor effect of cooling or heating may result.

(3) Direct operators or maintainers should well keep this manual.

(4) If this unit fails to operate normally, please contact our service center as soon as possible and provide the following information:

- Content on the nameplate(model number, cooling capacity, production code, ex-factory date).
- Malfunction details(before and after the malfunction occurs).

(5) Each unit has been strictly tested and proved to be qualified before ex-factory. In order to prevent units from being damaged or operating normally because of improper disassembly, please do not disassemble the unit by yourself. If you need to disassemble and check units, please contact our service center. We will send specialists to guide the disassembly.

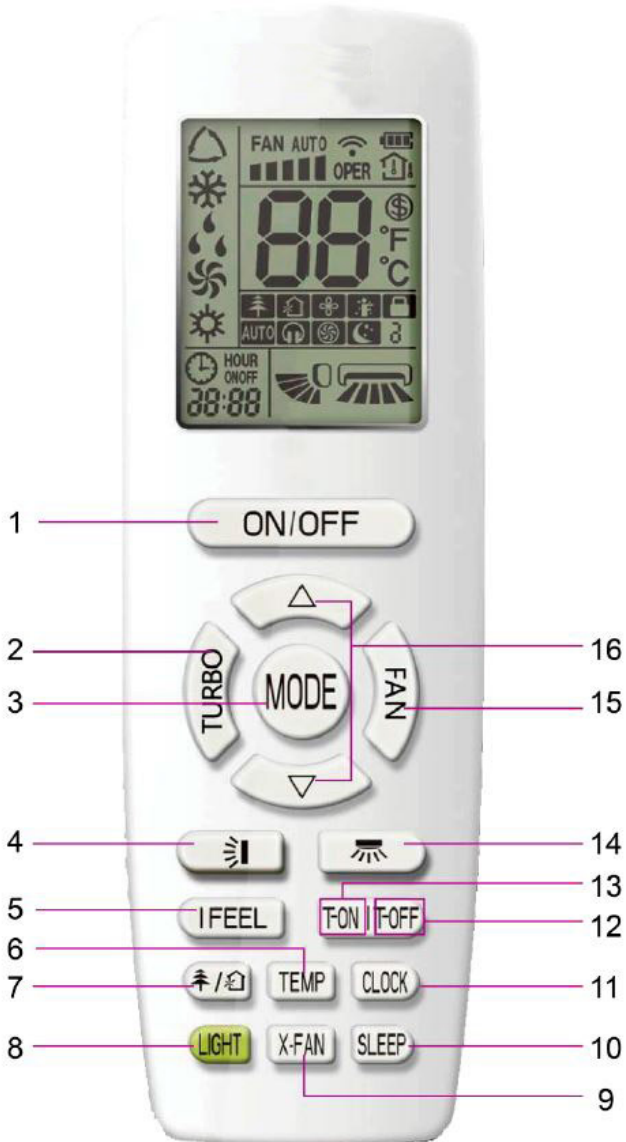
(6) All graphics in this manual is only for your reference. For sales or production reasons, these graphics are subject to change by manufacturer without prior notice.





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1 Remote Controller CDV-F1




1.1 Button name and function introduction



No.	Button name	Function
1	ON/OFF	Turn on or turn off the unit
2	TURBO	Set turbo function
3	MODE	Set operation mode
4		Set up&down swing status
5	I FEEL	Set I FEEL function
6	TEMP	Switch temperature displaying type on the unit's display
7		Set health function and air function
8	LIGHT	Set light function
9	X-FAN	Set X-FAN function
10	SLEEP	Set sleep function
11	CLOCK	Set clock of the system
12	TOFF	Set timer off function
13	TON	Set timer on function
14		Set left&right swing status
15	FAN	Set fan speed
16		Set temperature and time

1.2 Preparation before operation

When using the remote controller for the first time or after replacing the batteries, please set the time of the system according to current time in the following steps:

- (1). Pressing CLOCK button,  is blinking.
- (2). Pressing  or  button, the clock time will increase or decrease rapidly.
- (3). Press CLOCK button again to confirm the time and return to display current time.

1.3 Introduction of operation function

- (1). Selecting operation mode

In unit on status, press MODE button to select operation mode in following sequence:



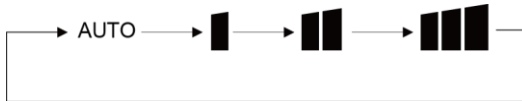
(2). Setting temperature

In unit on status, press Δ button to increase setting temperature and press ∇ button to decrease setting temperature. The range of temperature is from 16°C to 30°C.

Note: Under auto mode, manual adjustment of temperature is not needed.

(3). Adjusting fan speed

In unit on status, press FAN button to adjust fan speed in following sequence:





Notes:


- ①. When operation mode changes, fan speed is memoried;
- ②. Under dry mode, fan speed is low and can not be adjusted.

(4). Setting swing function



◆ Setting left&right swing

- 1). Under simple swing status, press  button to adjust left&right swing status;
- 2). Under fixed-angle swing status, press  button to adjust left&right swing angle circularly as below:




Note: operate continuously left&right swing in 2 seconds, swing states will change according to above-mentioned order, or switch closed state and  state.

◆ Setting up&down swing

- 1). Under simple swing status, press  button to adjust up&down swing status;
- 2). Under fixed-angle swing status, press  button to adjust up&down swing angle circularly as below:



Note: operate continuously left&right swing in 2 seconds, swing states will change according to above-mentioned order, or switch closed state and  state;

(5). Setting turbo function

Under cool or heat mode, press TURBO button to set turbo function.

When  is displayed, turbo function is on.

When  is not displayed, turbo function is off.


When turbo function is on, the unit operates in super high speed to achieve quick cooling or heating. When turbo function is off, the unit operates in setting fan speed.


(6). Setting light function


The light on the receiver light board will display present operation status. If you want to turn off the light, please press LIGHT button. Press this button again to turn on the light.

(7). Viewing ambient temperature

In unit on status, receiver light board or wired controller is defaulted to display setting temperature. Press TEMP button to view indoor or outdoor ambient temperature.

When  is displayed, it means the displayed temperature is setting temperature.


When  is displayed, it means the displayed temperature is indoor ambient temperature.

When  is displayed, it means the displayed temperature is outdoor ambient temperature.

Note: setting temperature is always displayed in Remote Controller.

(8). Setting X-FAN function

In cool or dry mode, press X-FAN button to set X-FAN function.

When  is displayed, X-FAN function is on.

When  is not displayed, X-FAN function is off.

When X-FAN function is on, the water on the evaporator will be blown away until turning off the unit to avoid mildew.

(9). Setting health function

In unit on status, press  button to set health function.



When  is displayed, health function is on.

When  is not displayed, health function is off.

Health function is available when the unit is equipped with anion generator. When health function is on, the anion generator will start operation, adsorbing the dusts and

killing the bacteria in the room.

(10). Setting air function



Press  button until  is displayed, then air function is turned on.

Press  button until  is disappeared, then air function is turned off.

When the indoor unit is connected with fresh air valve, air function setting can control the connection of fresh air valve, which can control the fresh air volume and improve the air quality inside the room.

(11). Setting sleep function

In unit on status, press SLEEP button to turn on or turn off sleep function.


- ◆ When  is displayed, sleep function is on.
- ◆ When  is not displayed, sleep function is off.

Notes:

- ①. Sleep function can not be set in auto and fan mode;
- ②. When turning off the unit or switching mode, sleep function is cancelled;

(12). Setting I FEEL function

In unit on status, press I FEEL button to turn on or turn off I FEEL function.

When  is displayed, I FEEL function is on.

When  is not displayed, I FEEL function is off.



When I FEEL function is turned on, the unit will adjust temperature according to the temperature detected by the remote controller to achieve the best air-conditioning effect. In this case, you should place the remote controller within the valid receiving range.

(13). Setting timer

You can set the operation time of unit as you need. You can also set timer on and timer off in combination.

Before setting, check if the time of the system is the same as the current time. If not, please set the time according to current time.


1). Setting timer off

- ①. Pressing TOFF button, "OFF" is blinking and time displaying zone displays the timer time of last setting.
- ②. Press  or  button to adjust the timer time.
- ③. Press TOFF button again to confirm setting. OFF is displayed and time displaying zone resumes to display current time.


- ④. Press TOFF button again to cancel timer and OFF is not displayed.
- 2). Setting timer on
 - ①. Pressing TON button, "ON" is blinking and time displaying zone displays the timer time of last setting.
 - ②. Press Δ or ∇ button to adjust the timer time.
 - ③. Press TON button again to confirm setting. ON is displayed and time displaying zone resumes to display current time.
 - ④. Press TON button again to cancel timer and ON is not displayed.

1.4 Introduction of special functions

(1). Setting child lock

Press Δ and ∇ button simultaneously to lock the buttons on remote controller and  is displayed.

Press Δ and ∇ button simultaneously again to unlock the buttons on remote controller and is not displayed.


If the buttons are locked,  blinks 3 times when pressing the button and any operation on the button is invalid.

(2). Switching temperature scale


In unit off status, press MODE button and ∇ button simultaneously to switch temperature scale between $^{\circ}\text{C}$ and $^{\circ}\text{F}$.

(3). Setting energy-saving function

In unit on status and under cool mode, press CLOCK and TEMP button simultaneously to enter energy-saving mode.


◆ When  is displayed, energy-saving function is on.

◆ When  is not displayed, energy-saving function is off.

If you want to turn off the energy-saving function, press CLOCK and TEMP button and  is not displayed.

Note: energy-saving function is only available in cooling mode and it will be exited when switching mode or setting sleep function.

(4). Absence function

In unit on status and under heat mode, press CLOCK and TEMP button simultaneously to enter absence function. Temperature displaying zone displays 8 and  is displayed.

Press CLOCK and TEMP button simultaneously again to exit absence function. Temperature displaying zone resumes previous display and is not displayed.

In winter, absence function can keep the indoor ambient temperature above 0°C to avoid freezing.

Note: Absence function is only available in heating mode and it will be exited when switching mode or setting sleep function.

1.5 Replacing batteries in remote controller and notes

- (1). Lift the cover along the direction of arrow (as shown in Fig 1①).
- (2). Take out the original batteries (as shown in Fig 1②).
- (3). Place two 7# (AAA 1.5V) dry batteries, and make sure the position of “+” polar and “-” polar is correct (as shown in Fig 2③).
- (4). Reinstall the cover (as shown in Fig 2④).

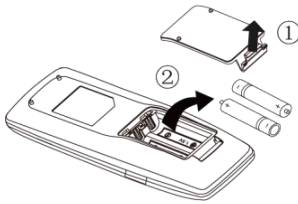


Fig.1

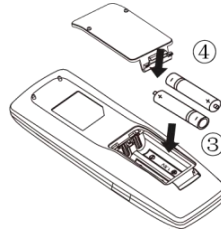



Fig.2




Notes:


- ①. The remote controller should be placed 1m away from the TV set or stereo sound sets.
- ②. The operation of remote controller should be performed within its receiving range.
- ③. If you need to control the main unit, please point the remote controller at the signal receiving window of the main unit to improve the receiving sensibility of main unit.
- ④. When the remote controller is sending signal, “” icon will be blinking for 1 second. When the main unit receives valid remote control signal, it will give out a sound.
- ⑤. If the remote controller does not operate normally, please take the batteries out and reinsert them after 30 seconds. If it still can't operate properly, replace the batteries.
- ⑥. When replacing the batteries, do not use old or different types of batteries, otherwise, it may cause malfunction.
- ⑦. When you won't use the remote controller for a long time, please take out the batteries.

2 Remote Controller CDV-L1




Button name and function introduction

No.	Button name	Function
1	ON/OFF	Turn on or turn off the unit
2	FAN	Set fan speed
3	▲/▼	Set temperature and time
4	MODE	Set operation mode
5		Set quiet function
6		Set health function and air function
7		Set left&right swing status

8		Set up&down swing status
9	X-FAN	Set X-FAN function
10	TIMER ON	Set timer on function
11	TIMER OFF	Set timer off function
12	SAVE	Set energy-saving function
13	SLEEP	Set sleep function
14	LIGHT	Set light function
15	CLOCK	Set clock of the system
16	I FEEL	Set I FEEL function
17	TEMP	Switch temperature displaying type on the unit's display

2.1 Preparation before operation

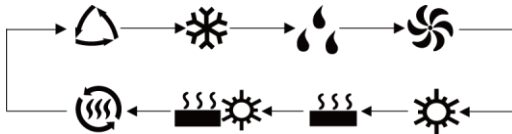
When using the remote controller for the first time or after replacing the batteries, please set the time of the system according to current time in the following steps:


- (1). Pressing CLOCK button,  is blinking.
- (2). Pressing ▲ or ▼ button, the clock time will increase or decrease rapidly.
- (3). Press CLOCK button again to confirm the time and return to display current time.

2.2 Introduction of operation function

- (1). Selecting operation mode

In unit on status, press MODE button to select operation mode in following sequence:



- ◆ Floor heating, quick heating and heat supply modes are valid only with specialized remote controller.
- ◆ If change to specialized remote controller, press MODE button and TEMP button simultaneously, and then  will blink for three times.
- ◆ If change to normal remote controller, press MODE button and TEMP button

simultaneously, and then  will blink for three times.

(2). Setting temperature


In unit on status, press ▲ button to increase set temperature and press ▼ button to decrease setting temperature.

Note: Under auto mode and when absence function is on, temperature adjustment is invalid.

(3). Adjusting fan speed

In unit on status, press FAN button to adjust fan speed in following sequence:





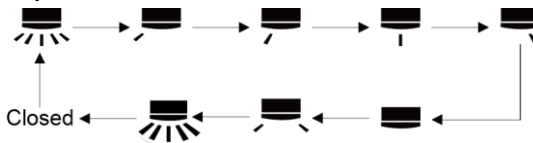
When  is set, the whole unit operates in super high speed to achieve quick cooling or heating.



Notes:

- ① Under auto, dry and fan modes or when quiet function is on, turbo function is invalid;
 - ② Under dry mode, fan speed is low and can not be adjusted.
- (4). Setting swing function



◆ Setting left&right swing

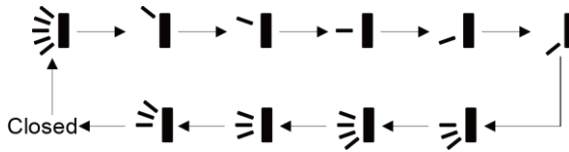
- 1). Under simple swing status, press  button to adjust left&right swing status;
- 2). Under fixed-angle swing status, press  button to adjust left&right swing angle circularly as below:





In unit off status, press ▲ button and  button to switch between simple swing mode and fixed-angle swing mode.  on the remote controller will be blinking for 2 seconds during switching.


◆ Setting up&down swing

- 1). Under simple swing status, press  button to adjust up&down swing status;
- 2). Under fixed-angle swing status, press  button to adjust up&down swing angle circularly as below:





In unit off status, press ▲ button and  button to switch between simple swing mode and fixed-angle swing mode.  on the remote controller will be blinking for 2 seconds during switching.

(5). Setting quiet function

In unit on status, press  button to adjust quiet status in following sequence:




: auto quiet function is on; : quiet function is on.



When quiet function is set, fan speed of indoor unit will be decreased to the lowest speed in order to reduce the noise of indoor unit.

Notes:

- ①. Quiet function is not available in dry, fan and floor heating modes;
- ②. Quiet mode will be exited automatically when changing fan speed;
- ③. When turbo function is set, setting auto quiet function will cancel turbo function.

(6). Setting health function





In unit on status, press  button to turn on or turn off health function.

- 1). When  is displayed, health function is on.
- 2). When  is not displayed, health function is off.

Health function is available when the unit is equipped with anion generator. When health function is on, the anion generator will start operation, adsorbing the dusts and killing the bacteria in the room.

(7). Setting air function

◆ Turning on air function:


- 1). Press  button until  is blinking. Set temperature displaying zone displays the last air function level.
- 2). Press ▲/▼ button to adjust air function level. If there is no operation within 5 seconds, the setting will be exited automatically.
- 3). Pressing  button,  is displayed and air function is turned on.


Press  button until  is disappeared, then air function is turned off.

When the indoor unit is connected with fresh air valve, air function setting can control the connection of fresh air valve, which can control the fresh air volume and improve the air quality inside the room.

(8). Setting X-FAN function

In unit on status, press X-FAN button to turn on or turn off X-FAN function.

When  is displayed, X-FAN function is on.

When  is not displayed, X-FAN function is off.

When X-FAN function is on, the water on the evaporator will be blown away after turning off the unit to avoid mildew.

(9). Setting timer

You can set the operation time of unit as you need. You can also set timer on and timer off in combination.

Before setting, check if the time of the system is the same as the current time. If not, please set the time according to current time.

◆ Setting timer off

- 1). Pressing TIMER OFF button, OFF is blinking and time displaying zone displays the timer time of last setting.
- 2). Press ▲ or ▼ button to adjust the timer time.
- 3). Press TIMER OFF button again to confirm setting. OFF is displayed and time displaying zone resumes to display current time.

Press TIMER OFF button again to cancel timer and OFF is not displayed.




◆ Setting timer on

- 1). Pressing TIMER ON button, ON is blinking and time displaying zone displays the timer time of last setting.
- 2). Press ▲ or ▼ button to adjust the timer time.
- 3). Press TIMER ON button again to confirm setting. ON is displayed and time displaying zone resumes to display current time.




Press TIMER ON button again to cancel timer and ON is not displayed.

(10). Setting energy-saving function


◆ If you want to turn on energy-saving function:

- 1). When the unit is operating,  will be blinking if SAVE button is pressed. Under cool or dry mode,  is displayed. Under heat, floor heating, quick heating and heat supply modes,  is displayed and temperature displaying

zone displays the limiting value set in last time.

- 2). Press ▲ or ▼ button to adjust the energy-saving limiting value to preset value.
- 3). Pressing SAVE button again, energy-saving function is turned on.  is displayed while  or  is not displayed.



When energy-saving function is turned on, set temperature can only be adjusted within the energy-saving limiting value.

If you want to turn off the energy-saving function, press SAVE button and  is not displayed.

Note: Under auto and fan modes, energy-saving function is invalid.

(11). Setting sleep function

In unit on status, press SLEEP button to turn on or turn off sleep function.

- ◆ When  is displayed, sleep function is on.
- ◆ When  is not displayed, sleep function is off.

When sleep function is on, the unit will operate according to a series of preset sleep curves.

Notes:


- ①. Sleep function can not be set in auto, fan mode and floor heating modes;
- ②. When turning off the unit or switching mode, sleep function is cancelled;
- ③. If turning on sleep function, auto quiet function will be turned on automatically. If turning off sleep function, auto quiet function will be turned off automatically.


(12). Setting light function

The light on the receiver light board will display present operation status. If you want to turn off the light, please press LIGHT button. Press this button again to turn on the light.

(13). Setting I FEEL function

In unit on status, press I FEEL button to turn on or turn off I FEEL function.


When  is displayed, I FEEL function is on.


When  is not displayed, I FEEL function is off.

When I FEEL function is turned on, the unit will adjust temperature according to the temperature detected by the remote controller to achieve the best air-conditioning effect. In this case, you should place the remote controller within the valid receiving range.

(14). Viewing ambient temperature

In unit on status, receiver light board or wired controller is defaulted to display set temperature. Press TEMP button to view indoor or outdoor ambient temperature.








When  is displayed, it means the displayed temperature is indoor ambient temperature.

When  is displayed, it means the displayed temperature is outdoor ambient temperature.



Ambient temperature displaying will be exited after 5s and then set temperature will be displayed.

2.3 Introduction of special functions

(1). Setting child lock

- 1). Press  and  button simultaneously to lock the buttons on remote controller and  is displayed.
- 2). Press  and  button simultaneously again to unlock the buttons on remote controller and  is not displayed.
- 3). If the buttons are locked,  blinks 3 times when pressing the button and any operation on the button is invalid.

(2). Setting low-temperature dehumidifying

Under dry mode and when set temperature is 16°C, press  button twice to enter low-temperature dehumidifying function and set temperature is displayed as 12°C. If low-temperature dehumidifying function has been set, press  button to exit low-temperature dehumidifying function and set temperature is displayed as 16°C.

Note: If energy-saving function is turned on, low-temperature dehumidifying function is invalid.

(3). Absence function

- 1). Press CLOCK and TEMP button simultaneously to enter absence function. Temperature displaying zone displays 8.
- 2). Press CLOCK and TEMP button simultaneously again to exit absence function. Temperature displaying zone resumes previous display.
- 3). In winter, absence function can keep the indoor ambient temperature above 0°C to avoid freezing.

Note: Absence function is only available in heating mode and it will be exited when switching mode.

(4). Setting of master mode indoor unit

In fan mode, set master mode indoor unit through  and  button:

- 1). Adjust set temperature to 30°C;
- 2). Within 5 seconds, press ▼ button and then press ▲ button repeatedly for three times;
- ◆ After finishing setting, “UC” is displayed on receiver light board for 5 seconds and “MASTER” icon is displayed on wired controller.
- (5). Switching temperature scale

In unit off status, press MODE button and ▼ button simultaneously to switch temperature scale between °C and °F.

2.4 Basic operation instructions

- (1). When the main unit is energized, press ON/OFF button on the remote controller to turn on the unit.
- (2). Press MODE button to select the desired operation mode.
- (3). Press ▲ or ▼ button to set the desired temperature (temperature setting is not needed in auto mode).
- (4). Press FAN button to set fan speed in auto, low, medium and high speed.

2.5 Replacing batteries in remote controller and notes

- (1). Slightly press the place with OPEN, and then push out the back cover of remote controller along the direction of arrow (as shown in Fig 3①).
- (2). Take out the original batteries (as shown in Fig 3②).
- (3). Place two 7# (AAA 1.5V) dry batteries, and make sure the position of + polar and - polar is correct (as shown in Fig 4③).
- (4). Reinstall the cover (as shown in Fig 4④)

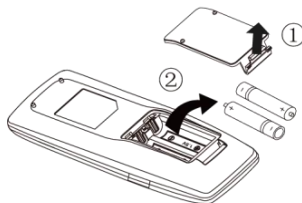


Fig.3

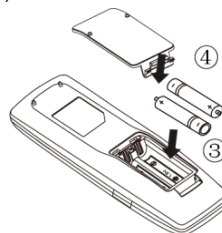



Fig.4

Notes:

- ①. When replacing the batteries, do not use old or different types of batteries, otherwise, it may cause malfunction.
- ②. When you won't use the remote controller for a long time, please take out the

- batteries.
- ③. The operation of remote controller should be performed within its receiving range.
 - ④. The remote controller should be placed 1m away from the TV set or stereo sound sets.
 - ⑤. If the remote controller does not operate normally, please take the batteries out and reinsert them after 30 seconds. If it still can't operate properly, replace the batteries.
 - ⑥. If you need to control the main unit, please point the remote controller at the signal receiving window of the main unit to improve the receiving sensibility of main unit.
 - ⑦. When the remote controller is sending signal, “” icon will be blinking for 1 second. When the main unit receives valid remote control signal, it will give out a sound.

