

INSTRUCTION MANUAL

DT-04 Plus is a two-piece fan coil thermostat available for Cool only version & Cool + Heat version. Its application is for mini-split, duct type or chiller system.

There are 4 major components as follows :

- ❑ Display unit
- ❑ Main unit
- ❑ Cable (4M.) connected between Display & Main unit
- ❑ Remote unit (optional)



Display unit



LCD 5.1 Remote



LCD 5.2 Remote

Display unit




cool only version




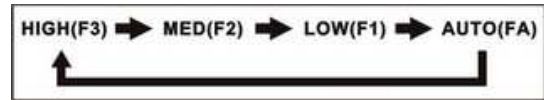
cool + heat version

1. Power

Press  button to turn on/off the air conditioner.



2. Fan

Press  button to select the fan speed (high, medium, low) or put it in AUTO fan mode.







In AUTO fan mode, the fan speed will change automatically according to the difference between the room & setting temperatures.

3. Temperature setting


Press  or  button to set the temperature.

4. Timer on/off


To set the air conditioner on/off in advance up to 15 hours.

- ❑ To turn on in advance, press  button while the air conditioner is off, LED will be lit. Press  or  button for hour setting.
- ❑ To turn off in advance, follow the above instruction while the air conditioner is on.
- ❑ To cancel, press  button once again, LED will be off.

5. Sleep

Press  button to activate the Sleep function which will raise up/reduce the setting temperature 1°C after 1 hour for Cool/Heat mode respectively.

6. Sweep (optional)

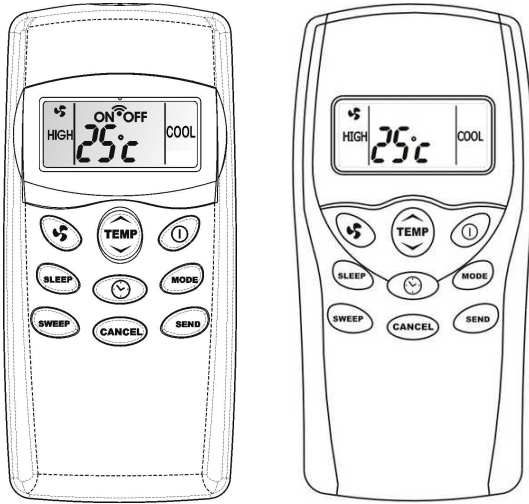
Press  button to turn on/off the sweep motor.

7. Mode

Press  button to select

- ❑ Cool / Fan mode for cool only version.
- ❑ Cool / Fan / Heat mode for cool + heat version.

Remote unit

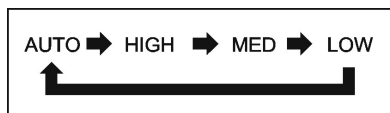


1. Power

Press button to turn on/off the air conditioner. When turn on, it will operate according to the last program settings on the Remote unit.

2. Fan

Press button to select the fan speed or put it in AUTO fan mode.

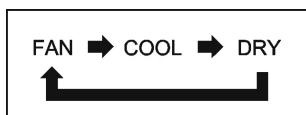


3. Temperature setting

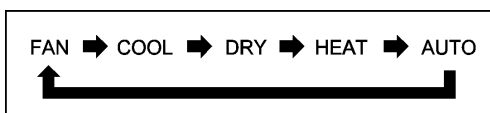
Press button to set the temperature.

4. Mode of operation

Press MODE button to change the mode of operation.



for cool only version, or



for cool + heat version.

Remark

- ❑ In Fan mode, FAN LED on the Display unit will be lit.
- ❑ In Cool/Dry mode, COOL LED on the Display unit will be lit.
- ❑ In Heat mode, HEAT LED on the Display unit will be lit.
- ❑ In Auto mode, the LED according to the current operating mode will be lit.

5. Sleep

Press SLEEP button to activate the Sleep function which will raise up/reduce the setting temperature 1°C after 1 hour for Cool/Heat mode respectively.

6. Sweep (optional)

Press SWEEP button to turn on/off the sweep motor.

7. Clock Setting

To set the clock on the Remote unit.



- ❑ Press button until clock symbol is blinking.
- ❑ Press button to set the clock.
- ❑ Press SEND button to confirm setting.

8. Timer on/off

To turn on/off the air conditioner in advance up to 24 hours.



- ❑ Press button until timer symbol ON or OFF is blinking.
- ❑ Press button to set the time.
- ❑ Press SEND button to confirm setting.

Remark

To cancel is to press button until timer symbol ON or OFF is blinking, then press CANCEL button.

System features & Wiring diagram

1. Auto restart

In case of power interruption and back to normal, the Control will resume its operation with the same settings. However the settings on Sleep & Timer modes will be cancelled.

Remark : No Auto restart feature can be provided as optional.

2. Time delay

There is a time delay for the compressor to restart.

Remark : No time delay feature can be provided as optional to use it with chiller system.

3. Self diagnostic

There is a self diagnostic facility to show an alarm at the display unit when there is any system error.

- ❑ It shows rE status when the room sensor fails (short /open circuit).
- ❑ It shows FE status when the freeze sensor fails (short/open circuit).
- ❑ It shows EF status when the compressor fails or the freeze sensor is not installed properly.
- ❑ It shows F_r when there is freeze at the indoor coil.

4. Wiring diagram

