

CENTRALIZED CONTROL

&

WEEKLY TIMER



Please read this manual carefully before using this product

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1. Installation Method

1. First, select an installation location, leave a slot according to dimension of power switch. The slot is for assembly power switch.
2. Connect the power cords of weekly timer and power switch by following the figure shown below, and make the power cord of power switch and twisted-wire with crystal joint through electric box <3>.
3. Fix power box of switch <2> and base plate of weekly timer onto power box <3> with bolts.
4. Cover the box cover of weekly timer.

Notice:

Pay special notice to the direction of base plate of weekly timer when installing it. The side with 2 gaps should be downward, or the panel of manual control cannot be installed correctly.

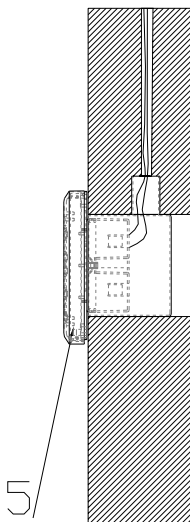


Fig.1 Concealed wire

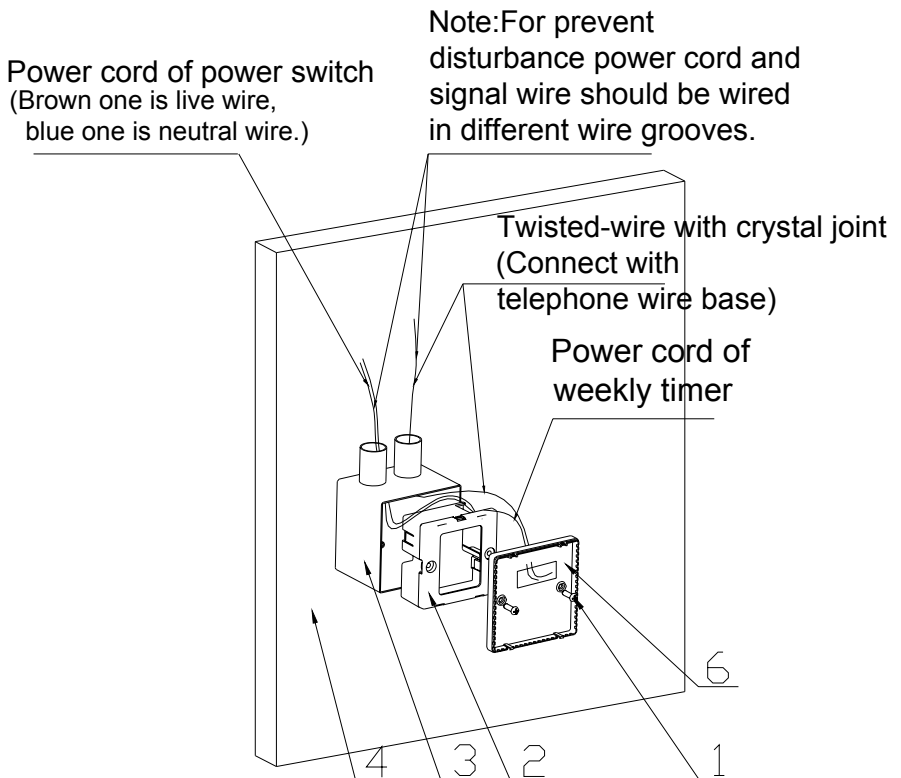


Fig.2 Installation sketch

No.	Names
1	Bolt
2	Power switch
3	Power box
4	Wall
5	Weekly timer
6	Base plate of weekly timer

2. Notice

- 1.Ensure the specification of power for weekly timer, or the weekly timer may work abnormally, or even damage the weekly timer.
2. Ensure the correct joint of communication wire, or there will be communication error.
3. Don't place the weekly timer to where there is water leakage or direct sunshine.
4. Prevent knocking, throwing, or breaking down then assembly the weekly timer too frequently.
5. The time for the first electrify of weekly timer is about 10s.
6. Under the circumstance of malfunction (such as burning odor is smelled), turn off the power of weekly timer immediately.

3. Joint

3.1 Power Joint

As shown CN2 in fig.3, power can adopt the power switch offered by our company, but can also adopt other power but with the same joint, and input power specification should be 12V, 400mA.

3.2 Communication Joint

As shown CN1 in fig.3, A and B are for connecting manual control. When connecting with communication wire, communication terminal A at weekly timer should correspond to terminal A at manual control, terminal B should correspond to terminal B.

4. Structure Diagram

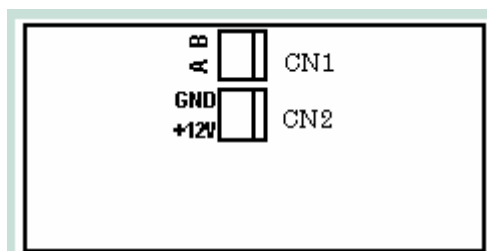


Fig.3 Joint sketch

Structure of weekly timer is as shown in fig.4 :

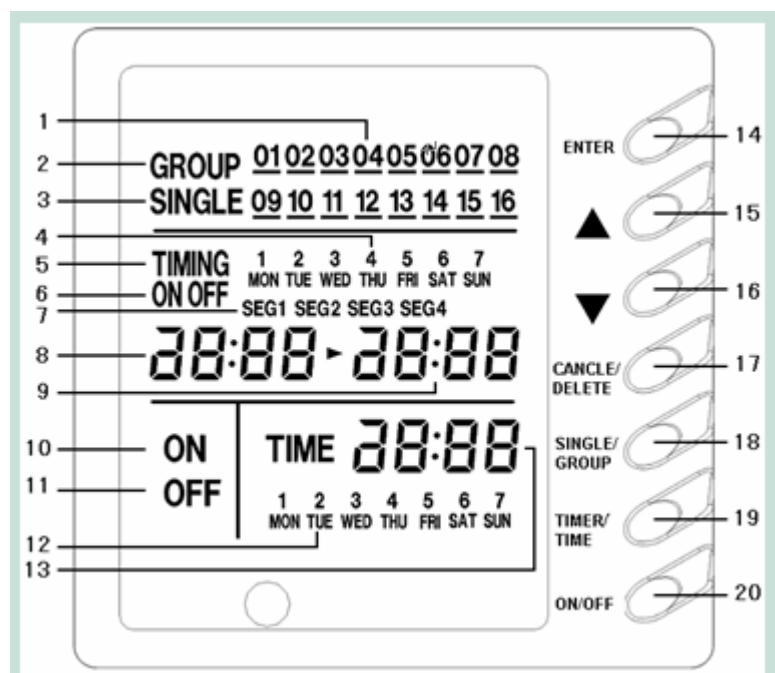


Fig.4.

No.	Instruction	No.	Instruction
1	Displays unit's no.	11	Displays off control
2	Displays group control	12	Display present time in week
3	Displays single control	13	Displays present time in Hr:Min
4	Displays timer time in week.	14	Confirm
5	Displays timer	15	Increment
6	Displays timer state	16	Decrement
7	Displays timer period	17	Cancel/delete
8	Displays timer on time	18	Single control/group control
9	Displays timer off time	19	Timer/time
10	Displays on control	20	On/Off

Display of default page (fig.5):

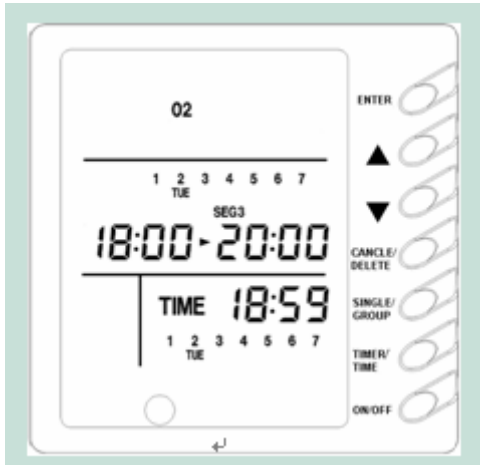


Fig.5.

- 1) If the unit is under controlled state, the no. of corresponding unit would be displayed.
 - 2) If the unit is in on state, the no. of corresponding unit would contains an underline; if the unit is in off state, the no. of unit will not have underline.
 - 3) If there is only one unit under controlled state, and the present time is be in certain timer period, then that timer period will be displayed, otherwise, there will be no timer displayed.
- E.g.: In fig.5, the present time is 18:59 at Tuesday, unit 2 is under controlled state and off state, and the setting of timer period 3 at Tuesday for unit 2 is on time at 18:00 off time at 20:00, it means present time is right in that set time period, thus, timer period if displayed.

Note:

- 1) Differences between “long-press” and “short-press” mentioned below: press time for long-press is not shorter than 5s, and the time for short-press is shorter than 5s.
- 2) Corresponding unit no. of the selected unit contains an underline, and the corresponding unit no. of the not selected unit contains no underline.
- 3) The set unit on time and off time cannot be the same and unit on time should be smaller than unit off time, otherwise the setting is invalid and remaining previous setting.
- 4) If there is common part between 2 time periods of a unit in one day, take unit.
- 5) Minute part for timer can only be increased or decreased by every 10 minutes, all time setting is in 24 hours system, and all settings can only be in one day.
- 6) To the setting in the same period in the same for the same unit, if setting is refreshed, unit conduct present setting; if there is previous setting but no present setting, then the previous one can be saved.

5. Operation Guidance

5.1 Single/group control setting

1. Single control setting (fig.6)

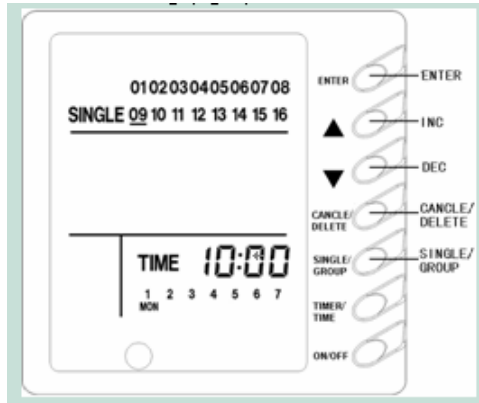


Fig.6.

- 1) Under default page, short-press **“single/group”** to enter single control setting. **“SINGLE”** displayed and all unit numbers be displayed.
- 2) Press **“dec”** or **“inc”** to select the unit that need to be set.
- 3) Short-press **“single/group”** then select unit, when **“single/group”** is short-pressed again, corresponding number of the previous selected unit will be canceled. The corresponding number for selected unit contains underline, and the not selected unit contains no underline.
- 4) If a certain unit is selected in process 3), press **“dec”** or **“inc”** to delete.
- 5) After pressing **“enter”**, single control setting works, and the page displays corresponding number for the selected unit. There is no underline with the selected unit. The selected unit can enter on/off setting and timer setting.
- 6) Short-press **“cancel/delete”** can back to default interface, and single control setting doesn't words.

2. Group control setting (fig.7)

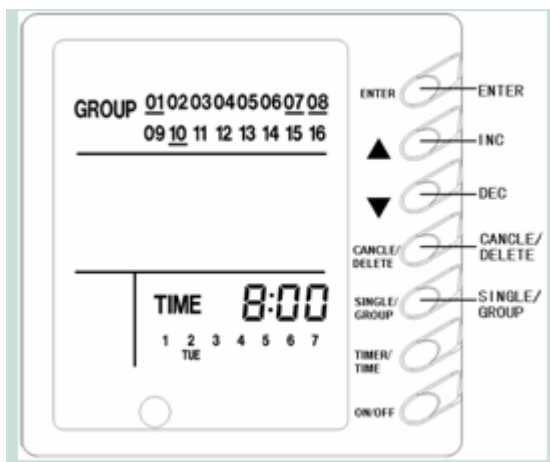


Fig.7.

- 1) Under default page, long-press “**single/delete**” to enter group control setting. “**Group**” is displayed and numbers for all unit be displayed.
- 2) Press “**dec**” or “**inc**” and selected the unit that needs setting.
- 3) Short-press “**single/delete**” and select unit, when short-press “**single/delete**” again can delete the previous selected unit. There is an underline at the number of selected unit; and no underline at the number of not selected unit.
- 4) When a certain unit is selected in process 3), press “**dec**” or “**inc**” would not delete the selected unit in process 3).
- 5) After pressed “**enter**”, group control setting works and page displays the number of the selected unit. There will be no underline at the selected unit, but the selected unit can enter on/off setting and timer setting.
- 6) Short-press “**cancel/delete**” can back to default page, and group control setting doesn’t work.

5.2 On/Off Setting (fig.8)

Note:

1. This setting can only be conducted when single/group setting is well set.
2. On/off setting can be conducted with timer setting.

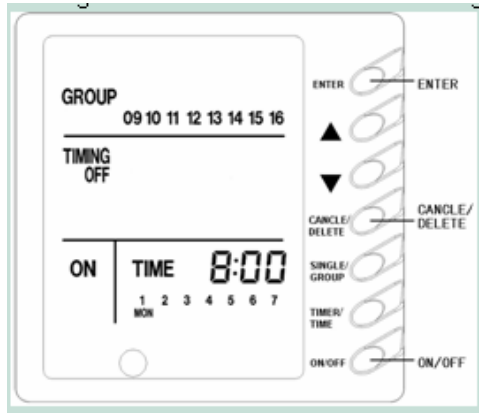


Fig. 8.

- 1) Press “**On/Off**” to turn on the unit; repress “**On/Off**” to turn off. Under single control, only one unit can be turned on/off, under group control, then the several selected units can be turned on/off. “**On**” is displayed when turn on the unit and “**Off**” is displayed when turn off the unit.
- 2) Press “**enter**” to validate on/off and back to default page; short-press “**cancel/delete**” to back to default page and on/off setting doesn’t work.

5.3 Timer Setting

Note:

1. Timer setting can only be conducted when single/group control has been set well.
2. Timer setting can go with on/off setting.
3. Weekly timer needs time to save and process data, no button can work during that period.

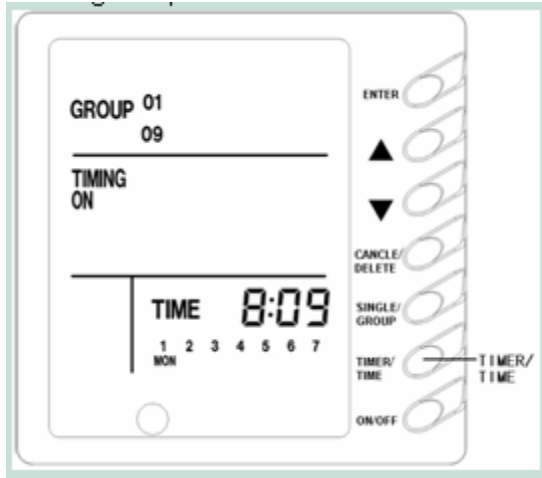


Fig.9.

- 1) Short-press “**timer/time**” to enter timer setting. At this time, “**TIMING**” and “**ON**” displayed and blink, timer is in valid state (fig.9).

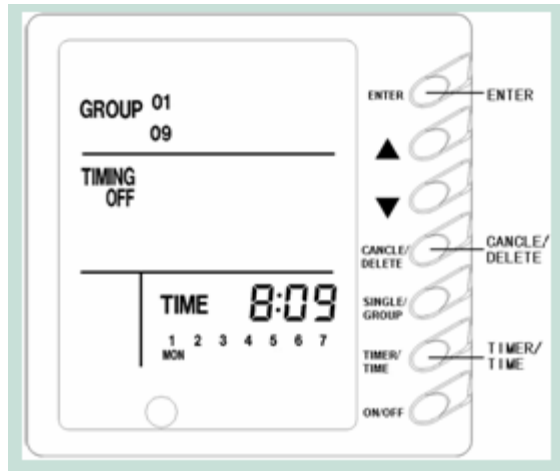


Fig.10.

2) When canceling timer setting to the selected unit, long-press “**cancel/delete**” after process 1), “**TIMING**” and “**OFF**” blinks, then timer is in invalidate state. At this time long-press “**cancel/delete**” can switch timer between validate and invalidate state. Only under timer validate state can set timer. Short-press “**cancel/delete**” can back to default page. Press “**enter**” when timer is invalidated can cancel all timers for the selected unit in a week (fig.10).

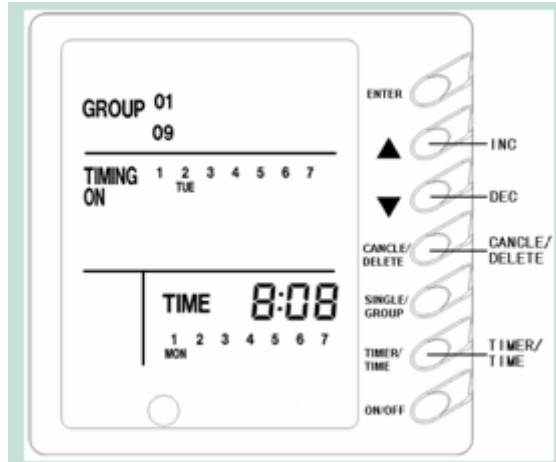


Fig.11.

- 3) When timer is validate, short-press “**timer/time**” to enter timer week setting. Press “**dec**” or “**inc**” can select a certain day in one week. Short-press “**cancel/delete**” back to process 2) (fig.11).

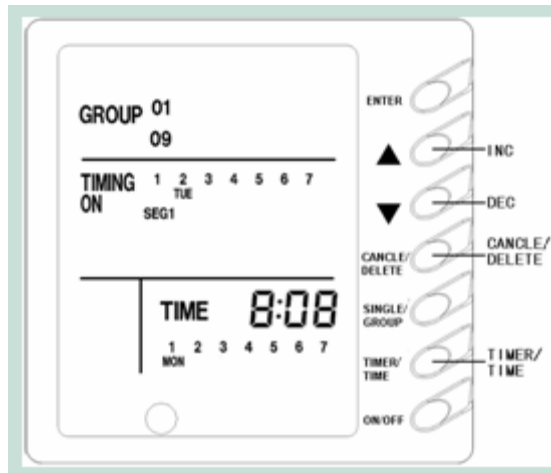


Fig.12.

4) Short-press “**timer/time**” again to begin setting timer period of timer. Press “**dec**” or “**inc**” can select a certain time period in a certain day in a week. Short-press “**cancel/delete**” back to process 3) (fig.12).

5) Short-press “**timer/time**” again to begin setting timer on and timer off. Press “**dec**” or “**inc**” can select specific value, short-press “**timer/time**” can move from the hr. part at timer on time to Min. part of timer off time. Short-press “**cancel/delete**” back to process 4). When hr. parts of both timer on time and timer off time been set, the setting process of this time period completed.

Note:

Only when short-pressing “**cancel/delete**” to back to process 4) and both hr. and min parts of turn on time and turn off time been set, the function become validate. That is, short-press “**timer/time**” till min. part of turn off time doesn’t blink.

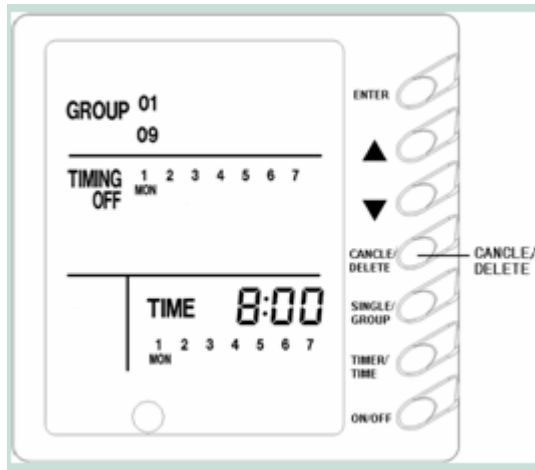


Fig.13

6) To cancel timer at a certain day, long-press “**cancel/delete**” in process 3) and “**TIMING OFF**” displayed. It is available to select other days to conduct timer setting (fig.13).

E.g.: In fig.13, timer setting at Monday for unit 1 and unit 9 is deleted.

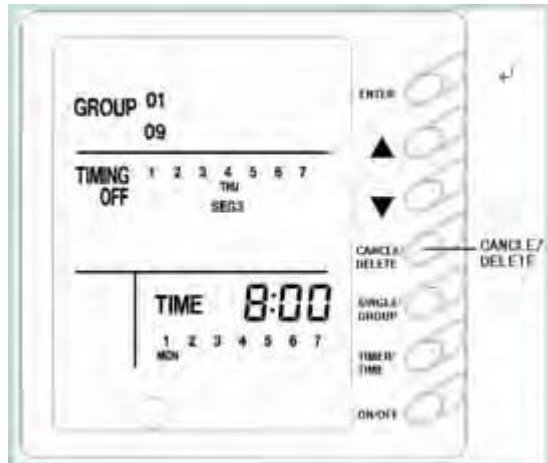


Fig.14.

7) To cancel timer of a certain time period in a certain day, long-press “**cancel/delete**” in process 4) and “**TIMING OFF**” displayed. But timer setting can be conducted at other time period at that day (fig.14).

E.g.: In fig.14, timer setting for the 3rd time period in Thursday for unit 1 and unit 9 are deleted.

8) No matter when “**enter**” is pressed during timer process, timer is validated and back to default page.

5.4 Check Unit On/Off and Timer (fig.15)

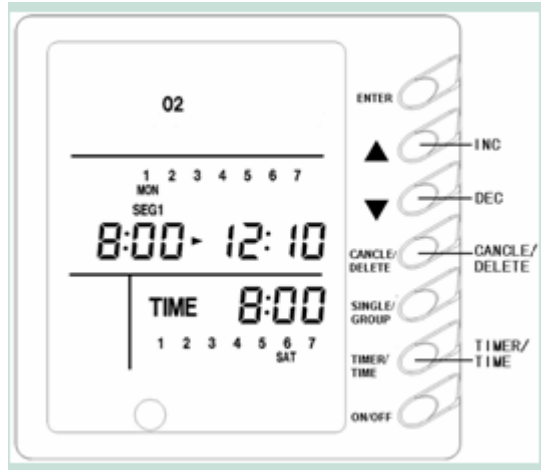


Fig.15.

- 1) Under default page, number of the controlled unit is displayed. If there is an underline under the unit, means the unit is under on state, otherwise it is in off state. shoot-press “**timer/time**” to begin consulting unit timer time, and numbers for all units will be displayed.
- 2) Press “**dec**” or “**inc**” to select unit and the number of corresponding unit blinks. Short-press “**cancel/delete**” can back to default page.
- 3) Short-press “**timer/time**” then “**dec**” or “**inc**” to select a certain day in a week. At this time, timer week of selected unit number is displayed. Short-press “**cancel/delete**” can back to process 2).
- 4) Short-press “**timer/time**” then “**dec**” or “**inc**” can select certain time period at that day. Timer time period and the timer at that time period are displayed at that time. Press “**cancel/delete**” can back to process 3).

5.5 Time Setting (fig.16)

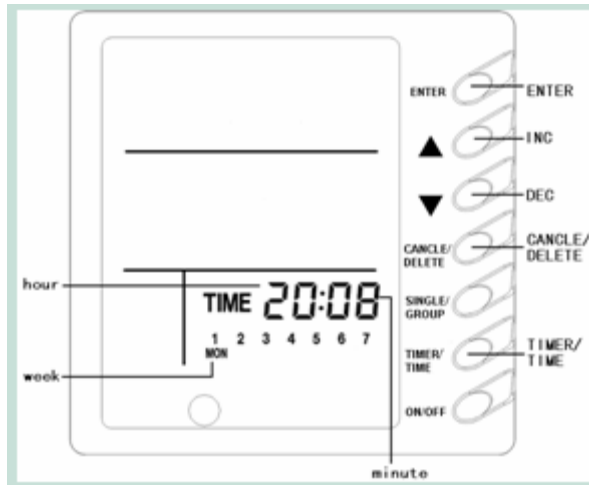


Fig.16.

- 1) Long-press **"timer/time"** under default page can begin time setting, and the minute part for time part blinks.
- 2) Press **"dec"** or **"inc"** to select the minute part of set time. Short-press **"timer/time"** then hour part blinks. Press **"dec"** or **"inc"** can set hour part time. Short-press **"timer/time"** then week part of timer blinks. Press **"dec"** or **"inc"** can set week part of time.
- 3) No matter when **"enter"** is press, set time validate and back to default page; short-press **"cancel/delete"** can back to default page, and time setting invalidate.

5.6 Key-lock Setting (fig.17)

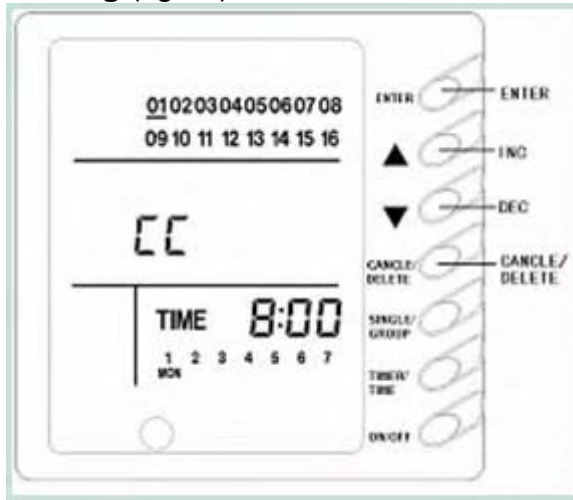


Fig.17.

- 1) Long press " **cancel/delete** " button to enter wire controller key-lock operation.
- 2) "CC" will be displayed when the central controller is enter the key-lock function status. All the unit number will be displayed and the smallest unit number will be blinked. Short press " **enter** " button to activate the key-lock function and press it again to release this function. An underline will be displayed at the key-locked unit.
- 3) Short press " **cancel/delete** " to leave the key-lock function status.

E.g.:In fig 17, unit 1 is key-locked. The other units are not activated the key-lock function.