

Manual Instruction for Programmable Timer

Model HT100 and HT200

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1. Introduction and Features

Notes: *This product is for indoor use only.*

For your safety and comfort, please read this instruction manual carefully before installing and operating the unit.

This programmable timer is suitable for using in our products Model HT-100 and HT-200. Its features are as follows:

- IC programmed with memory functions.
- Can be programmed 20 times per day both on open and close.
- Can be compatible used with our products' remote control or manual control pad

2. Technical data and Specifications

- Use DC 5V from the transmission box. **NO battery required.**
- Buttons' Function

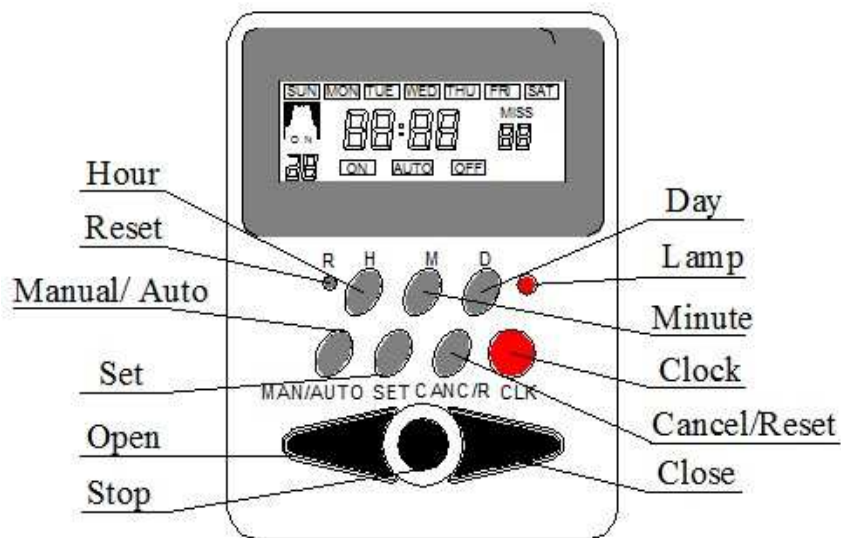


Fig1

- LCD Display

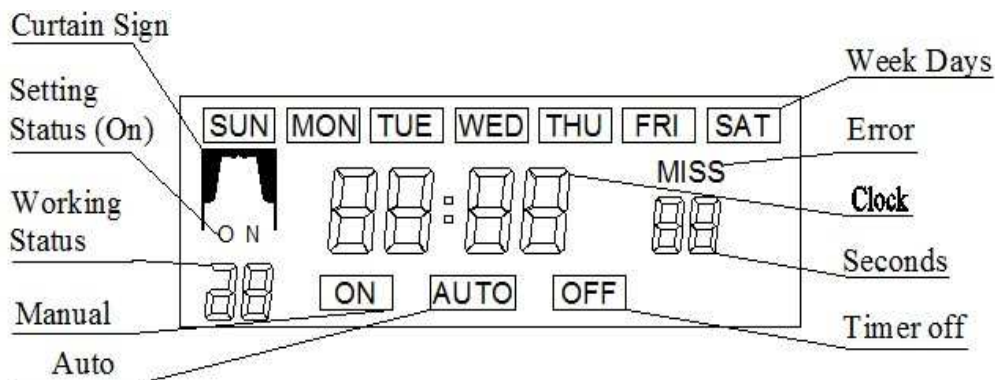


Fig2

3. Clock Setting and Display

- a. Put the plug of timer into correspond socket, which is located at the transmission box (TIMER), and connect with power source. Then you can set the timer when the red lamp is lit and LCD clock shows regular.
- b. Set the local time of clock: Press the CLK (clock) button and holds on, then press the H (hour) button, the M (minute) button or the D (day) button according to your requirement.
- c. Press the CLK (clock) button within 30 seconds and does not press other buttons simultaneously. It can save the current time and withdraw from the setting program automatically. Meanwhile, LCD clock shows current time.

4. Timer setting (please read fig.1 & fig.2)

- a. Set the working program

- i. Press the Set (set) button, LCD monitor shows the Curtain Sign.
Working Status is 1 (open), Setting Status is ON and Clock shows (--:--).
Then press the H(hour) and M(minute) to set the 1 (open) section (firs section of working time), and then press the D(day) button every time to select the built-in categories of date setting. There are total 15 built-in categories of date setting for selection.

- | | |
|---------------------------------|----------------------------------|
| 1. Sunday to Saturday; | 2. Sunday; |
| 3. Monday; | 4. Tuesday; |
| 5. Wednesday; | 6. Thursday; |
| 7. Friday; | 8. Saturday; |
| 9. Monday, Wednesday, Friday; | 10. Tuesday, Thursday, Saturday; |
| 11. Sunday, Saturday; | 12. Monday, Tuesday, Wednesday; |
| 13. Thursday, Friday, Saturday; | 15. Monday to Saturday. |

- e.g. If select the 1 category, the curtain will open from Sunday to Saturday at same time.
If select the 3 category, the curtain will open on Monday only.
If select the 10 category, the curtain will open on Tuesday, Thursday and Saturday at same time.

- ii. Press the Set (set) button once again to set the timer, then you can set the timer for 2 (close) section (second section of working time)

- iii. Repeat the above setting method (i and ii), you can set the working status from 1st (First) section to 20th (Twentieth) section totally

- iv. Working status orders are: 1(Open), 2(Close), 3(Open), 4(Close), 5(Open), 6(Close)...19(Open), 20(Close)

- v. Though the section of working status was set to improper mode, e.g. 1(Open), 2(Close), 3(CLOSE), 4(OPEN), it will be corrected automatically to 1(Open), 2(Close), 3(Open), 4(Close)... 20(Close)

- b. Under the setting mode, timer can be set with working time according to your requirement.
Press the H (hour) button, M (minute) button or D(day) button to set the day, hour and minute.
Select different categories of date for working, you can set to open/close the curtain at different time or same time for every day.

- e.g. 1(open), curtain open at 6:00 and 2(close), curtain close at 8:00 from Sunday to Saturday;
3(open), curtain open at 14:00 and 4(close), curtain close at 19:00 on Tuesday, Thursday and Saturday;
5(open), curtain open at 9:00 and 6(close), curtain close at 12:00 on Sunday and Saturday.

Please set the timer to (--:--) if there is no setting for the section. It is wrong if the timer was set to (00:00) for non-use sections.

- c. Working time can be set to 20 sections (from 1st to 20th).

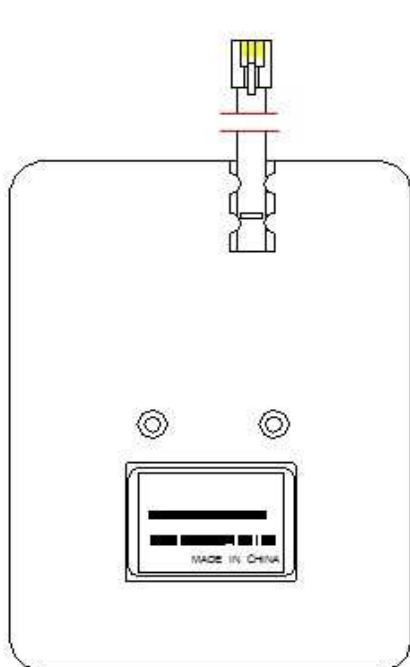
Please note that the timer should be set to (---) if there is no setting for the section. It is wrong if the timer was set to(00:00) for non-use sections.

e.g. 1st section, curtain open at 6:00; 2nd section, curtain close at 8:00; 3rd section, curtain open at 14:30; 4th section, curtain close at 16:15 on Monday. If there is no setting for rest sections, the rest sections should be set to 5(---); 6(---);...19(---) and 20(---).

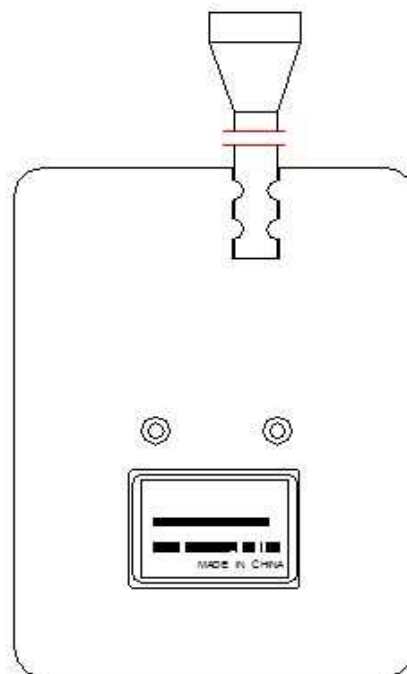
- d. Under the setting mode, presses the button of Cancel/Reset (CANC/R) to change the setting or recover to (---) if necessary.
- e. Working time will be cycled automatically according to the sections of setting. Timer is at the AUTO mode normally when the power is on.
- f. LCD will display (H 10) after the setting of section of 20th. (H 10) means 10 seconds for the protective time of the program and you CANNOT press any button for setting when the motor runs that 10 seconds. (H 10) can be set from 1 to 99 seconds. Please press the M (minute) button to adjust the time that you required.

Please note that (H 10) was set to 10 seconds on delivery.

- g. If the timer shown error code either on setting or working, please use a small ball pin to press the R (reset) button, then the timer will resume to the status of delivery.
- h. LCD shows (---) when pressed the CANC/R(Cancel/Reset) button to cancel the faulty setting or current program. Press the CANC/R button once again, it will recover to the page of current program setting.



HT-100 Fig3



HT-200 Fig2

5. Operation of Manual Control/Fixed/Remote Control

a. Manual control

- I. Press the ◀ (open) button, ▶ (close) button or ● (stop) button to operate the curtain at OFF or AUTO mode.
- II. Press the MAN/AUTO (Man/Auto) button, signals of ON, AUTO and OFF will be cycled showing on the LCD monitor. The curtain will be opened/closed when LCD shows "ON". If press the MAN/AUTO (Man/Auto) button cycling, the curtain will be closed/opened when LCD shows "ON" at first time; if continue to press the MAN/AUTO (Man/Auto) button, the curtain will be opened/closed when LCD shows "ON" at second time. The motor stops automatically within 1 minute when the curtain is fully opened/closed under "ON" mode; also can use remote control, control pad or timer's control to stop the motor at "AUTO" or "OFF" mode

b. Fixed control: The curtain will be opened/closed when the "ON" mode is selected. Please note that the remote control and the manual control do not work under "ON" mode. Selects the "AUTO" mode for timer's working or "OFF" mode to suspend timer's function, otherwise the motor runs firstly, then stops automatically within 1 minute when the curtain is fully opened/closed under "ON" mode.

c. Remote control could be used at the mode either.

d. Please note that the timer does not work at "OFF" mode.

6. Connection Method

Please select a correct timer for Model HT-100 or Model HT-200 when purchasing.

Put the plug of timer into correspond socket, which is located at the transmission box.

Please read the following figures for further details. Fig. 3 is for model HT-100 and Fig.4 is for model HT-200.

7. Installation

- a. This timer comes with 1.5M length cable. Put the plug of timer into correspond socket and it is OK if it was suspended from the transmission box.
- b. Timer can be fixed on wall with an adhesive sponge on the back of timer (Sponge is an option).
- c. Timer's cable can be installed into a tube that was hidden in a wall. Then you can fix the timer on a prefer position with adhesive sponge (Sponge is an option)

8. Trouble Shooting

- a. This timer is suitable for using for model HT-100 and HT-200.
- b. Select the correspond timer for installation. Different model uses different timer.
- c. Please note the timer should be set to (--:--) if there is no setting for the
- d. If the timer shown error code either on setting or working, please use a small ball pin to press the R (reset) button, then the timer will resume to the status of delivery.
- e. Please read this manual instruction carefully if there is other problem.
- f. Please send the faulty product to dealer or distributor for inspection and repair. Only authorized service person can inspect and repair the products.

9. Warranty

The system is fully guaranteed against any defects in materials and workmanship for a period of 12 (twelve) months beginning on the date of purchase.

Any damage or defect to component part or parts caused directly by material or workmanship and normal wear and tear of the product will be repaired at our discretion FREE OF CHARGE.

Each unit is fully tested and inspected to our quality standard. In the event of a warranty claim, please contact your dealer or distributor directly.

Consumer shall have no coverage or benefit under the warranty for defects or damages due to improper installation, misuse of the products, unauthorized modifications or repairs carried out or made to the tracks or motors.

10. Disclaimer

We reserve the right to make changes or modifications to the product specification without prior notice.