



1. Fully displayed LCD:



Name and description of the keys: MENU, MANUAL, +, -, OK, CD.

MENU: use the MENU key toggle between clock display and timer programming: CLOCK →PROG (1ON→1OFF→...→9ON→9OFF) → CLOCK. Hold MENU for 2 seconds or more at any time to switch back to clock display.

MANUAL: use this key to select an operating mode for the timer: OFF→AUTO OFF→ON→ AUTO ON →OFF.

+/-: use these two keys to adjust the input. Press once to increase/decrease the number by 1 or hold to roll fast.

OK: use this key to confirm the current input and move on to the next setting.

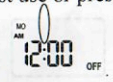
CD: use this key to start a countdown program at clock display.

RESET: use this key to reset the timer and clear all data previously input.

Function description:


1. **Reset**

For the first use or press the RESET button, the LCD will fully displayed for 2 seconds and then the clock

will show: . The blinking colon means the clock is running.

2. **Setting the clock**

2.1 Press MENU at clock display to start setting: . OFF indicates that the timer is in OFF mode.

- 2.2 Press OK and 'day' will flash: , use +/- to adjust.
- 2.3 Press OK to confirm and hour will flash, use +/- to adjust. Make sure AM/PM is correctly set.
- 2.4 Press OK to confirm and minute now flashes, use +/- to adjust. Note: when minute is set, the clock will go from 0 second.
- 2.5 Press OK to confirm.

Note: to set the clock once again, press OK and repeat the steps from 2.2.


To set programs for the timer, press MENU and see Section 3.

To quit to clock display, hold MENU for 2 seconds or more.

If no key is pushed within 1 minute, the clock will be displayed.

3. Setting programs

Press MENU at clock display till PROG is shown on the screen. Up to 9 programs can be set for each day of the week. For instance, if you want to set a daily program that starts at 8:00 AM and ends at 5:15 PM, please follow the following steps:

3.1 Press MENU till the screen shows , 1ON is code of the current program.

3.2 Press OK to start setting. 'Day' will flash at this stage, use +/- to adjust. Press +, the options will show in such order: (MO,TU,WE,TH,FR,SA,SU) →MO→TU→WE→TH→FR→SA→SU→(MO,TU,WE,TH,FR) →(SA,SU) →(-:--); Press -, these options will show in a reversed order. Note: -:-- is an invalid option and if it is selected, you can press


OK again to restart setting. In our case, we should select (MO,TU,WE,TH,FR,SA,SU):

3.3 Press OK to confirm and hour will be flashing, use +/- to adjust. In our case, we should select 8


AM: 


3.4 Press OK to confirm and minute will flash, use +/- to adjust. In our case, the minute shall be set to 00:

3.5 Press OK to confirm and PROG 1ON is now correctly set.

3.6 Press MENU and the screen will show .

3.7 Press OK to start setting PROG 1OFF: . Follow the steps 3.2 to 3.5. In our case, day,

hour and minute should be respectively set to (MO,TU,WE,TH,FR,SA,SU) ; 5 PM and

15 . And now the ON and OFF time are both set.

- 3.8 To have more programs set, repeat the above steps.
- 3.9 When a program is set, press MENU to quit or hold MENU for 2 or more seconds at any stage to go back to clock display. If no key is pushed within 1 minute, the clock will be displayed.
- 3.10 To edit a particular program, locate it using MENU and press OK to edit.
- 3.11 To remove a particular program, locate it using MENU, press OK and set the day to -:-- using +/-.

Note 1: The programs will not be activated until the following conditions are met:


- A. The operating mode of the timer is set to AUTO;
- B. No countdown program is running.

Note 2: If a countdown program has just run (see Section 4) or the operating mode is changed (see Section 5), the program at the current time will be temporarily overridden.

4. Countdown function

4.1 Hold CD for 2 seconds or more at any time (except when a countdown program is running) to set a countdown program. Note: no function will be tripped if CD is hold for less than 2 seconds.

Once the CD key is pressed, the timer will be immediately shifted to AUTO OFF mode and output is

cut off. The screen shows , the CTD sign indicates that the timer is now in countdown mode.

4.2 Use CD key to select a desired countdown time. The screen display cycles in the following order: 0:00→0:05→0:10→0:15→...→1:55→2:00→3:00→4:00→...→11:00→12:00→0:00.

i.e.: the increment per press would be 5 minutes before 2 hours is reached and 1 hour after 2 hours is reached. Hold the CD key to roll fast.

4.3 Release the key and the countdown starts after 2 seconds. There will be output in the outlet and the time that remains will flash; the CTD sign will be constantly shown.

4.4 The screen will go back to clock display when the countdown is over. The timer is now in AUTO OFF mode.

4.5 When the countdown program is running, you can press CD to quit to clock display. The timer will be in AUTO OFF mode.

Note: When a countdown program is being set and when it is running, functions of the other keys will be suspended.

5. Operating modes of the timer

Press MANUAL at clock display to select desired operating mode of the timer. Display of the modes cycles in such order: OFF→AUTO OFF→ON→AUTO ON→OFF.

Description of the modes:

OFF: output is cut off and the programs are deactivated.

ON: output is constant and the programs are deactivated.

AUTO OFF/AUTO ON: the timer runs in accordance with the programs previously set. The code of

the ongoing program is shown in the screen: . OFF indicates that there is no output and ON indicates that there is output in the outlet.

N.B. If the timer cannot run as the programs are set, please verify if:

- A. the current time is correctly set, including AM/PM;
- B. the programs are correctly set, including the day and AM/PM;
- C. the programs are overlapped;
- D. the operating mode of the timer is set to AUTO.