

## USER'S MANUAL

Please read the following instructions carefully before connecting this timer to electrical appliances.

**IMPORTANT!** Don't plug in an appliance where the load exceeds 16 A. Always ensure the plug of any appliance is fully inserted into the timer outlet. If cleaning of the timer is required, remove from mains power and wipe timer with a dry cloth.

### DO NOT IMMERSE TIMER IN WATER OR ANY OTHER LIQUID.

Heaters and similar appliances should never be left unattended during operation. The manufacturer recommends such appliances not be connected to timers.

### KEYBOARD DEFINITION

- RESET** clears all data in memory including current time and all programs.
- CLOCK** sets current time combined with buttons WEEK, HOUR, MINUTE. Select mode 12 or 24 hours combined with button TIMER. Start function daylight saving time using the button MANUAL.
- TIMER** sets programs using the buttons WEEK, HOUR, MINUTE. Select mode 12 or 24 hours combined with button CLOCK.
- MANUAL** selects operating modes of timer.
- WEEK** sets week combined with buttons CLOCK and TIMER.
- HOUR** sets hour combined with buttons CLOCK and TIMER.
- MINUTE** sets minute combined with buttons CLOCK and TIMER.
- RST/RCL** replaces the program or reminds replaced program.
- LED** shows the power status. When the LED is on the power is turned on. When the LED is off, no power.

### FUNCTIONS

- 10 ON/OFF programs with 1 minute step.
- LED to indicate power status.
- LCD display with seconds.
- Manual ON/AUTO/MANUAL OFF selectable.
- 12/24 hour mode selectable.
- The daylight saving time.
- 16 combinations of the days of the week  
MO – Monday / TU – Tuesday / WE – Wednesday / TH – Thursday / FR – Friday / SA – Saturday / SU – Sunday  
MO, TU, WE, TH, FR, SA, SU – Monday – Sunday / MO, TU, WE, TH, FR – Monday – Friday / SA, SU – Saturday – Sunday  
MO, TU, WE, TH, FR, SA – Monday – Saturday / MO, WE, FR – Monday/Wednesday/Friday  
TU, TH, SA – Tuesday/Thursday/Saturday / MO, TU, WE – Monday – Wednesday / TH, FR, SA – Thursday – Saturday  
MO, WE, FR, SU – Monday/Wednesday/Friday/Sunday

### INSTALLATION

1. Plug the timer into a regular 230 Volts power outlet. Leave for approximately 14 hours to charge the Memory Back-up battery.
2. After charging clear all current informations by pressing RESET button with a sharp object such as a pen or pencil.
3. The timer is now ready to be set up for use.

### SETTING CURRENT TIME

1. Press and hold the CLOCK button, simultaneously press WEEK until the current day is displayed. Continue pressing the HOUR and MIN until the correct time is displayed. When setting it is possible to hold the buttons WEEK, HOUR or MIN for faster parameter change.
2. Release both buttons. The day and time will be set.
3. To delete the wrong data, repeat the previous points.

### SETTING PROGRAMS

Tip: When you enter a time range, make sure that they do not overlap with each other, especially if you have activated more intervals. If there are overlapping time periods the on/off will be executed according to the programmed time, not program number. Program OFF has the priority over program ON.

1. Press the button TIMER and release it. LCD shows ON\_1. The first set inclusion can be made.
2. Press the button WEEK to set the day or block of the days. Set the time by pressing the buttons HOUR and MIN.
3. Press the button TIMER again to end the first set ON and go to the first setting of OFF. LCD shows OFF\_1. By repeating steps from point 2 you will program the first setting of OFF.
4. Press the button TIMER again to finish off the first set and to start programming the second set. Repeat steps 2 and 3 to program other settings. Press the button TIMER and hold it for two seconds to make rapid progress.
5. After finishing the settings, press the button CLOCK. The programmer is now ready for operation.  
Example: The timer turns on at 17:15 and off at 22:30 every day.
  - a. Press the button TIMER once and release it. The LCD displays the message ON\_1
  - b. Press the button WEEK until the LCD displays "MO, TU, WE, TH, FR, SA, SU"
  - c. Press the button HOUR until the LCD displays 5:00 PM or 17:00
  - d. Press the button MIN until the LCD displays 5:15 PM or 17:15
  - e. Press the the button TIMER again and release it. LCD displays OFF\_1
  - f. Repeat steps b, c and d until the display shows "MO, TU, WE, TH, FR, SA, SU" 10:30PM or 22:30.

### HAND SET ON / AUTO / MANUAL OFF

Operating modes can not be changed during the program settings.

1. Press MANUAL to restore all three modes in turn.
2. Programs can be executed only in AUTO mode. When the AUTO mode is selected programator works as set. In the mode MANUAL ON or MANUAL OFF all programs are ignored and the device is not working. When the mode is MANUAL ON, the device receiving power is still on. When programator is in the mode MANUAL OFF, device connected to it is devoid of the power supply.
3. When the mode is changed from MANUAL ON to AUTO, programator will work in settings from the mode MANUAL ON until the next timer settings.

### MODES 12/24 HOUR

Press the buttons CLOCK and TIMER simultaneously to change the mode of displayed time between 12 and 24 hours.

### DAYLIGHT SAVING TIME FUNCTION

1. Press the button CLOCK and simultaneously the buttons ON/AUTO/OFF. LCD shows S (Summer time). The clock will move forward by one hour.
2. To return to the winter time, press two buttons again. The clock will move back one hour. S message will disappear from the LCD.

### SPECIFICATIONS

Voltage: 230V, 50Hz  
Maximum load: 16(2)A, 3600W  
Minimum setting time: 1 minute  
Operating temperature: -10°C to +40°C  
Accuracy: +/- 1 minute per month  
Battery life: NiMH 1.2V > 100 hours

