



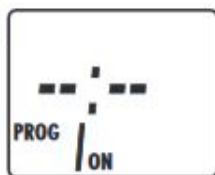
[1]



[2]



[7]



[3]



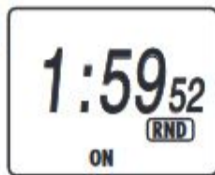
[8]



[4]



[9]



[5]



[10]



[6]



GB

## INTENDED USE

For automatic on/off switching of lamps and electrical equipment, in dry rooms, only for indoor use.



Conforms to corresponding European directives.

## TECHNICAL DATA

Voltage: 230V~, 50Hz  
Switching capacity: max. 3680W, 16A, 1-pole  
ind. 690VA, 3A

Operating temperature: 0°C to +35°C  
Settings:

- Up to 16 programs are possible.
- 16 program options per day or week; due to block formation (e.g. MO - FR, SA - SU etc.) up to 112 switch operations are possible
- Minimum switching period 1 minute
- Manual switching is possible
- Countdown function (connected device is switched on or off when set time expires)
- Random function (connected device, e.g. radio/light is randomly switched on/off, thus giving the impression that someone is at home)
- Reserve in case of power failure
- Blue LCD display with blue backlight (can be switched off) > 100h
- With increased contact protection

## SAFETY INSTRUCTIONS



- Only a proper mains socket (230V~, 50Hz, with protective earth) from the public supply network may be used.
- Do not operate any equipment which could cause danger to life and limb if operated without supervision.

## EXPLANATION OF CONTROL PANEL

Fig. [1]

## MENU

- Switching mode between time of day, program and countdown function
- Confirmation of settings

## OK

- Setting activation of time of day, program and countdown

## +1

- Manual switching
- Program selection, forward
- Setting hours and minutes, forward

## -1

- Random function
- Program selection, backward
- Setting day, hours and minutes, backward

## RST

- Deleting all settings

## RCL

- Deleting programs



- On and off switch for blue display light

Remove the timer from the socket and press **RCL** and **RST** using a thin, electrically non-conductive object

## COMMISSIONING

- Plug timer into a 230V~ socket. The battery requires only approx. 6 hours charging time. If timer is not used for an extended period, it should be connected at least once a month for at least two hours to maintain battery capacity.
- If there is no display, press the **RST** key.
- The timer is now ready to be set.

## LIGHT OF LCD DISPLAY

If timer is plugged into a live Schuko socket, the blue backlight of the LCD display can be switched on or off by pressing the key.

## SETTING THE TIME OF DAY

- Use **MENU** key to select time setting
- Press **OK** key for about 3 seconds. The day of week begins to flash; use **+1** or **-1** key to select the day.
- Press **OK** key, the hours are flashing; use **+1** or **-1** key to select the hours.
- Press **OK** key, the minutes are flashing; use **+1** or **-1** key to select the minutes.
- Press **MENU** key to confirm (fig. [2]).
- For rapid sequence, press and hold **+1** or **-1** key.

## SETTING/CHECKING PROGRAMS

- The timer can be set for daily or weekly programs.
- To open the individual programs, use **MENU** key to access program **1 ON**.
- Use **+1** (forward) or **-1** (backward) key to access the individual programs from 1 to 16:

Program **1 ON** - Program **1 OFF**Program **16 ON** - Program **16 OFF**

- For rapid sequence, press and hold **+1** or **-1** key.
- You can select daily or weekly combinations:  
MO = Monday, TU = Tuesday, WED = Wednesday,  
TH = Thursday, FR = Friday, SA = Saturday,  
SU = Sunday  
or for combinations:  
MO - WE - FR  
TU - TH - SA  
SA - SU  
MO - TU - WE  
TH - FR - SA  
MO - TU - WE - TH - FR  
MO - TU - WE - TH - FR - SA  
MO - TU - WE - TH - FR - SA - SU

## EXAMPLE FOR SETTING A DAILY PROGRAM

- MO 8.15 On / MO 15.45 Off
  - Use **MENU** key to access program **1 ON**.
  - Press **OK** key once until day of week is flashing; use **+1** or **-1** key to select the day (e.g. MO).
  - Press **OK** key, hours are flashing; use **+1** key to select the hours (e.g. 8).
  - Press **OK** key, minutes are flashing; use **+1** key to select the minutes (e.g. 15) (fig. [3]).
  - Press **OK** key, **1 ON** is flashing; use **+1** key to select program **1 OFF**
  - Press **OK** key once until day of week is flashing
  - Use **+1** or **-1** key to select the day (e.g. MO)
  - Press **OK** key, hours are flashing; use **+1** key to select the hours (e.g. 15).
  - Press **OK** key, minutes are flashing; use **+1** key to select the minutes (e.g. 45) (fig. [4]).
- The timer will only switch on and off on Monday.

## EXAMPLE FOR SETTING A WEEKLY PROGRAM

- MO - FR, 8.15 On / 15.45 Off
  - Use **MENU** key to access program **1 ON**.
  - Press **OK** key once until day of week is flashing; use **+1** or **-1** key to select weekly combination (e.g. MO TU WE TH FR).
  - Press **OK** key, hours are flashing; use **+1** key to select the hours (e.g. 8).
  - Press **OK** key, minutes are flashing; use **OK** key to select the minutes (e.g. 15) (fig. [5]).
  - Press **OK** key, **1 ON** is flashing; use **+1** key to select program **1 OFF**
  - Use **+1** or **-1** key to select weekly combination (e.g. MO TU WE TH FR).
  - Press **OK** key, hours are flashing; use **+1** key to select the hours (e.g. 8).
  - Press **OK** key, minutes are flashing; use **+1** key to select the minutes (e.g. 15) (fig. [6]).
- Every day, from Monday through Friday, the timer switches on and off at the same time.

**Caution:** To ensure that programming is activated, **AUTO ON** or **AUTO OFF** must be displayed in time mode. Press **+1** key during time mode to access **AUTO ON / AUTO OFF** (see Manual Switching).

## HOW TO DISABLE PROGRAMS

- Use **MENU** key to access program **1 ON**.
- Use **+1** (forward) or **-1** (backward) key to access program to be disabled.
- Press **RCL** key; dashes appear. Please note that **ON** and **OFF** programs must be deleted individually, fig. [7].

## COUNTDOWN TIMER

The connected device can be switched on or off after expiration of the set time.

- In time mode, use **+1** key to set either **OFF** (load is switched on after expiration of countdown) or **ON** (load is switched off after expiration of countdown).
- Use **MENU** key to access program **CTD**. The hours are flashing; use **+1** or **-1** key to select the hours
- Press **OK** key, the minutes are flashing; use **+1** or **-1** key to select the minutes.
- Press **OK** key, the seconds are flashing; use **+1** or **-1** key to select the seconds.
- Press **OK** key to run; all other programs are disabled during running. Display shows 0:00 after expiration.
- To end countdown during running, press **RCL** key once, fig. [8].

## RANDOM FUNCTION

- In time mode, use **-1** key to activate random function. Display shows **RND**. The display must show **AUTO OFF**; if necessary, set as described under Manual Switching.
- This causes a delay of the set on and off times (On-Off programs from 1 - 16) by 4 - 32 minutes. Thus, the connected loads (e.g. light or radio) can be switched on or off at irregular intervals, giving unwanted visitors the impression that someone is at home.
- To deactivate random function, press **-1** again. **RND** disappears from the display, fig. [9].

**Caution:** To prevent programs from overlapping, the time lag between two subsequent programs must be at least 33 minutes. If this is not observed, the connected load remains switched on.

- Example: Program **1 ON** is programmed for 1:00, and program **1 OFF** for 3:00. The timer randomly switches on between 1:04 and 1:32, and off between 3:04 and 3:32.

## MANUAL SWITCHING

This timer allows you to manually switch connected loads on and off.

Press **+1** key during time mode to switch as follows:

- ON** connected load is always switched on
- AUTO - ON** connected load is on in the program
- ON** connected load is always switched off
- AUTO - OFF** is switched off in the program (fig. [10]).

## AUTOMATIC RETURN TO TIME DISPLAY

If timer shows program or count-down mode and more than 2 minutes have expired since key was last operated, the display automatically returns to the time display.

## SUMMER / WINTER TIME

- Press **RCL** key. The hour display advances one hour and **+1h** appears on the display to indicate summer time.
- To return to display of winter time, press **RCL** key

## WEEE-REFERENCE OF DISPOSAL



In accordance with European defaults used electrical and electronics devices may no more be given to the unsorted waste. The symbol of the waste bin on wheels refers to the necessity of separate collection.

Please help with environmental protection and see to it that this device is given to the for this purpose designated systems of waste sorting if you do not use it any longer.

GUIDELINE 2012/19/EU of the EUROPEAN PARLIAMENT AND the COUNCIL of July 04th 2012 about electrical and electronics old devices.



Batteries and accumulators are not to be disposed of in the normal house waste bin.

Every user is legally obliged, to hand over all batteries and accumulators, irrespective of whether or not they contain harmful substances to a communal collection point in the local town area or to a trade dealer so that they can be disposed of in an orderly environmentally friendly manner. Batteries and accumulators should only be handed over when they are completely discharged!

