















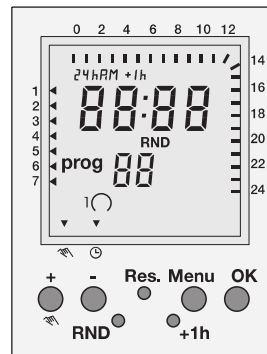
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**Safety precautions**

- The connection and installation of electrical devices may only be carried out by a qualified electrician.
- Interventions in and changes to the device result in the voiding of the warranty claim.
- Observe your national regulations and the respective safety provisions.
- Switch-off commands have priority over switch-on commands.

**OK  
reset**

- I** : Overview of daily switching program
- 24hRM** : Setting of 24h or am/pm
- +1h** : Summer/winter clock changes
- ◀** : Weekday display
- ⊙** : Switching status display ON/OFF
- ⚡** : Manual operation / fixed ON / fixed OFF
- ⊙** : Automatic operation
- +/-** : Adjustment keys:  
By pressing the key longer than 2 sec. you can adjust the timer in steps of 5 units
- Res.** : Reset
- Menu** : By pressing the menu key programming is terminated and the system reverts to automatic operation
- OK** : Confirmation of programming
- RND** : Random function





Setting of this programmable timer is depending of the user preference to use pre-set programs or defining own programming.

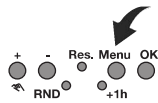
**Using Pre-set programs (first time installation)**



Using **Reset** key you can adjust the following values:

- 24h or am/pm: see pg 18
- Time (hour and minutes): see pg 19
- Week day: see pg 19
- Pre-set programs P01 to P03: see pg 20

**User defined programming by Menu mode**

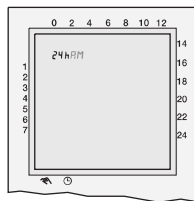


Using **Menu** key you can adjust / review the following values:

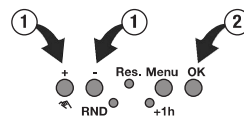
- 24h or am/pm: see pg 18
- Time (hour and minutes): see pg 19
- Week day: see pg 19
- Programs P--: see pg 20



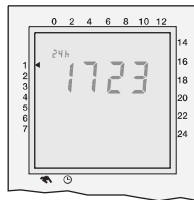
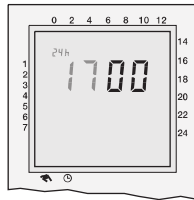
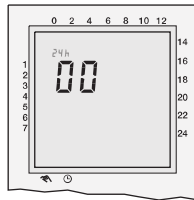
Sequence to follow after selecting programming by pre-set programs or Menu mode.



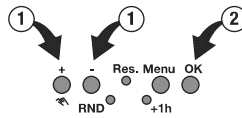
**Set display format 24h or am/pm**



Select 24h or am/pm (+/-) and confirm with **OK**.

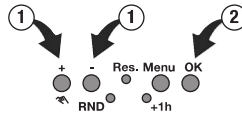


**Set hour**



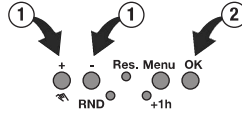
Select hour (+/-) and confirm with **OK**.

**Set minutes**



Select minutes (+/-) and confirm with **OK**.

**Set week day**



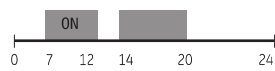
Select week day (+/-) and confirm with **OK**.

- 1 = Monday
- 2 = Tuesday
- 3 = Wednesday
- 4 = Thursday
- 5 = Friday
- 6 = Saturday
- 7 = Sunday

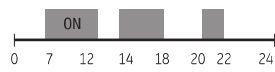
**P01: Mo - Su, 1 x ON/OFF**



**P02: Mo - Su, 2 x ON/OFF**



**P03: Mo - Su, 3 x ON/OFF**



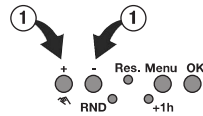
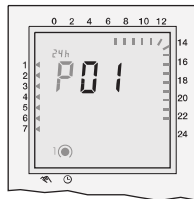
**Programs P01-03**

The switching on and off times for programs P01 to P03 are preset (pre). The user can change these programs.

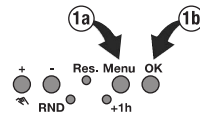
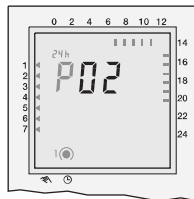
**Individual program, P--**

Under the menu option P-- you have the option of creating a user-defined program. This program can be changed at any time. There are up to 20 memory locations available for 10 OFF and 10 ON commands. You can allocate a corresponding weekday or week block to each memory location.

Sequence to follow after setting time in the Reset mode.



Select pre-set program (+/-).



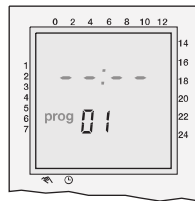
Once selected the program desired there are following options:

**Menu**  
terminate programming

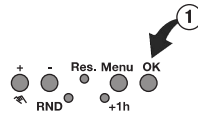
**OK**  
Going through pre-set programs to modify selection (any program ON or OFF can be modified by using "+" or "-" keys and confirming with **OK**) or accept it with **OK** key to go to the next free memory location in order to add new user defined programs (see pg 22).

e.g. after selecting P02 you should also program:  
Sa-Su 22:30 ON (prog05)  
23:00 OFF (prog06)

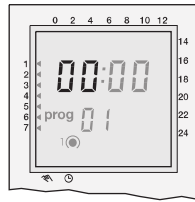
Sequence to follow after setting time and week day while running Menu mode or adding programs to the pre-set P01 to P03.



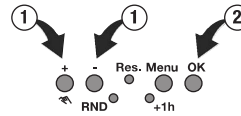
**Select program ON**



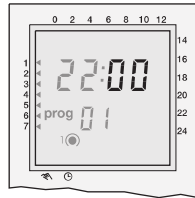
and confirm with **OK**.



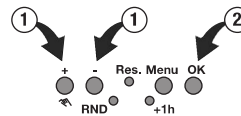
**Set hour ON**



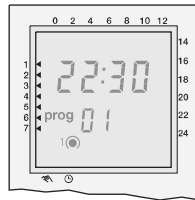
Select hour (+/-) and confirm with **OK**.



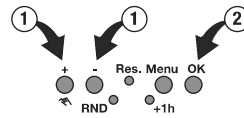
**Set minutes ON**



Select minutes (+/-) and confirm with **OK**.



**Set week day ON**

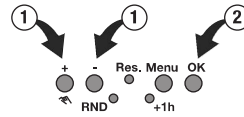


Select week day (+/-) and confirm with **OK**.

**Possible week blocks and individual days**

	↓	↓	↓	↓	↓
1	▶	▶	▶	▶	▶
2	▶	▶	▶	▶	▶
3	▶	▶	▶	▶	▶
4	▶	▶	▶	▶	▶
5	▶	▶	▶	▶	▶
6	▶	▶	▶	▶	▶
7	▶	▶	▶	▶	▶

**Set hour OFF**



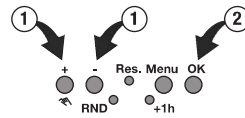
Select hour (+/-) and confirm with **OK**.



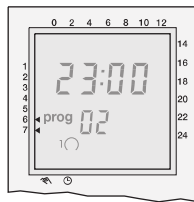




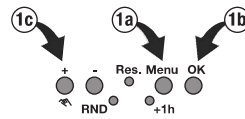
**Set minutes OFF**



Select minutes (+/-) and confirm with **OK**.



**Set week day OFF**



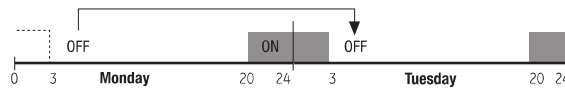
Should the OFF command be the same day of ON command then select **Menu** to terminate programming or select **OK** to go to a new program ON setting.

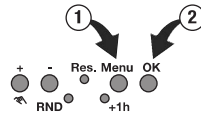
**Shift**

Should the OFF command be the following day of ON command then select "+" key then select **Menu** or **OK**.

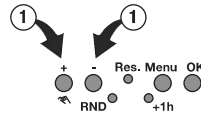
Example:

<b>Mo-Fr</b> 20:00 p.m. - 03:00 a.m. ON 03:00 a.m. - 20:00 p.m. OFF	→	<b>Mo-Fr</b> 20:00 p.m. - 03:00 a.m. ON <b>Tu-Sa</b> 03:00 a.m. - 20:00 p.m. OFF
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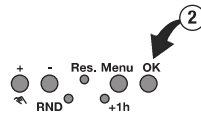
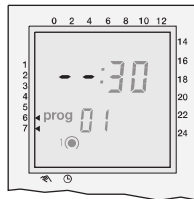




Select **Menu**, then select **OK** key until getting onto the ON time of the program you want to delete.



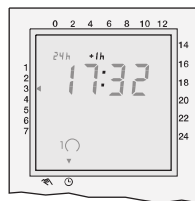
Select "--" with (+/-) key and confirm with **OK**.



**Note:** Switching programmes are deleted in ON-OFF pairs. If you delete a single ON instruction, the corresponding OFF instruction is also deleted.

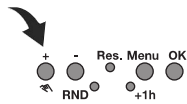
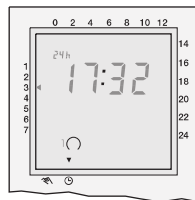
**+1h**



26



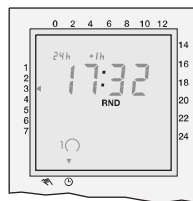
The **+1h** key is for the changeover from summer to winter time.

- By pressing the **+1h** key 1 hour is added to the current time.
- +1h is shown on the display.
- By pressing **+1h** again 1 hour is subtracted from the current time.



The **+'** key serves to change over between automatic , fixed ON  and fixed OFF operations.





Press **RND** key to execute random program.  
RND appears in the display.

To deactivate random program press **RND**  
key, RND disappears from display.

**Note**  
Random function only possible when timer is  
connected to power.



#### Technical Data

Supply voltage	see imprint on device
Switching capacity	see imprint on device
Ambient temperature	-10°C to +55°C
Protection class	IP 51 electronic IP 20 terminal box
Accuracy	+/- 1 sec/day at 20°C
Reserve power	3 years from factory at +20°C
Shortest switching time	1 min
Memory spaces	20