



Safety precautions

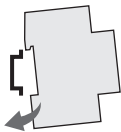
- The connection and installation of electrical devices may only be carried out by a qualified electrician.
- Interventions in and changes to the device result in the voiding of the warranty claim.
- Observe your national regulations and the respective safety provisions.
- Fixed and flexible conductors of up to 2,5 mm² may be attached to the external terminal clips.
- Flexible cables with a cross-section ≤ 1 mm² should not be attached.

General information

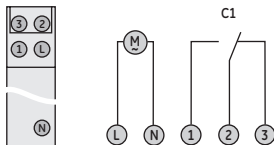
- Deactivation commands take priority over activation commands.
- If the power supply is correct, the dots shown between the hours and minutes (HH:MM) are displayed permanently. The dots flash if the power supply is interrupted.
- If there is no power supply, the position indicator display goes out after 1 minute (sleep-function).
- The whole display flashes the battery needs to be changed for up to 2 weeks to warn that.



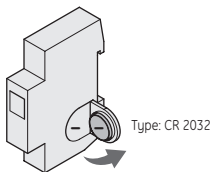
Installation on DIN rail



Terminal diagram

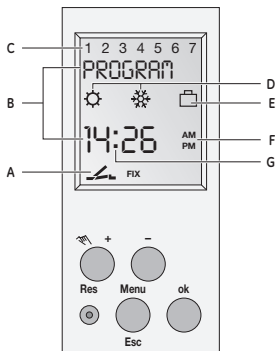


Battery change



Attention!

- The battery change may only be carried out by a qualified electrician!
- Isolate the device before replacing the battery!
- Check battery polarity when replacing.



Display

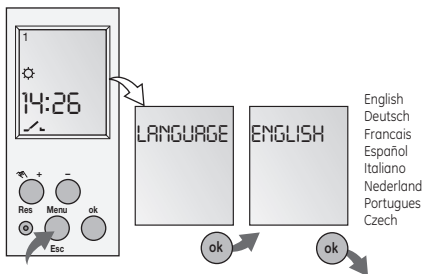
- A** Channel status display
 = Channel 1 ON
 = Channel 1 OFF
- B** 2 communication lines for time display, menu items, entry prompts etc.
- C** Day-of-week display
- D** Display of summer/winter time
- E** Holiday mode display
- F** Display of AM/PM
- G** Operating voltage (permanently lit dots)
 Reserve power operation (dots flash)

General information

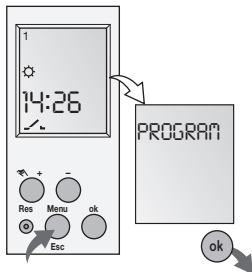
- The middle communication line shows the selectable menu item. If confirmed with **OK**, this item is activated.
- Flashing texts or symbols require an entry.
- If no entries are made within the next 2 minutes, the clock reverts to Auto mode.
- The time switch has a **sleep**-function when not connected to power supply, that keeps screen blank. This function is activated after 2 minutes of no key board operations. All settings saved will remain in the memory.

Buttons

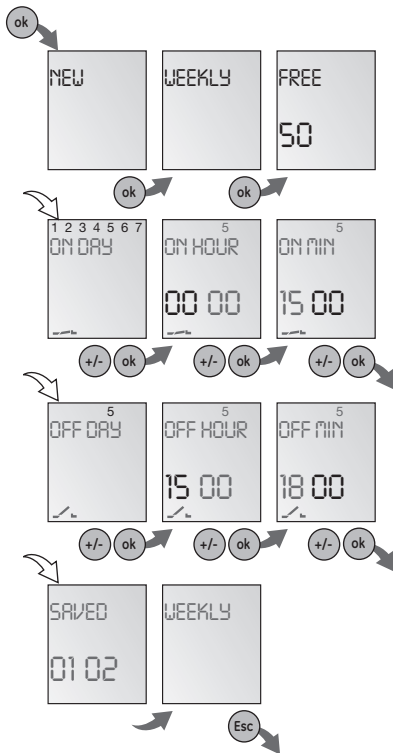
- +** Scroll up in menu
 Press briefly = +1
 Press and hold (approx. 2 sec) = +5
- Scroll down in menu
 Press briefly = -1
 Press and hold (approx. 2 sec) = -5
- Manual operation in the automatic mode
- Res** The programs are retained in the case of a reset. The date and time must be set again. Press reset button with a blunt object (pen).
- Menu** Exits the Automatic mode and enters the Programming mode
- Esc** Press briefly = one step back
 Press and hold (approx. 2 sec) = return to Automatic mode
- ok** Make selection and apply

Initial start-up - selection of menu language**Info**

In the delivered state the time switch is in the Auto mode with a preset time, date and the menu language English. After selecting language, the time switch jumps automatically to Program mode after 4 seconds.

Prog.

New weekly program

**Info**

The time switch has 50 memory spaces.

Example

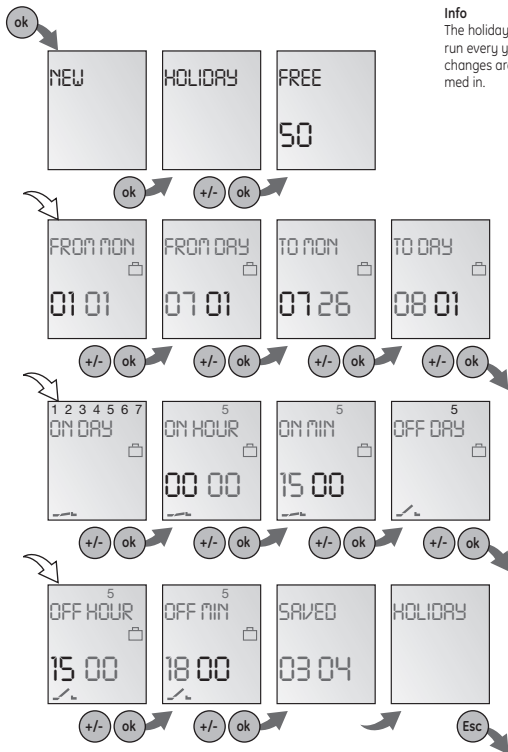
ON command at 3 pm.
OFF command at 6 pm.

- Select NEW program and confirm with **OK**.
- Select WEEKLY program and confirm with **OK**.
- The free memory spaces are briefly displayed.
- Select day block or individual day (block formation as desired) and confirm with **OK**.
- Enter hour for ON command (+/-) and confirm with **OK**.
- Enter minute for ON command (+/-) and confirm with **OK**.
- Enter hour for OFF command (+/-) and confirm with **OK**.
- Enter minute for OFF command (+/-) and confirm with **OK**.
- Program is saved.
- Program jumps to selection WEEKLY. Now additional programs can be created.

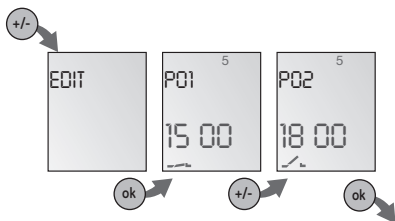
New holidays program

Info

The holiday program is run every year unless changes are programmed in.

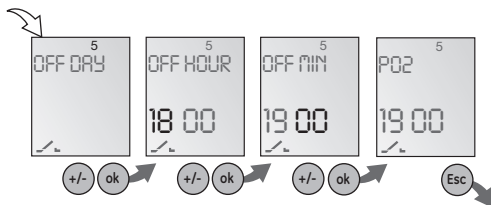


View, edit program

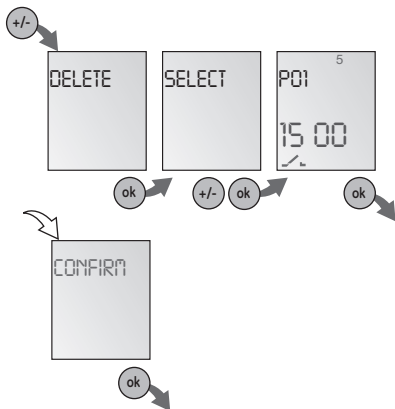


Info

- The program steps can be scrolled through with "+/-".
- The respective program can be edited by pressing **OK**. The procedure is the same as when creating a new program.

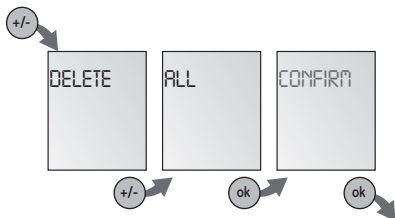


Delete individual programs

**Info**

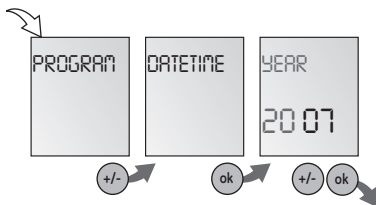
When deleting individual programs, the corresponding program steps are deleted (e.g. P01 ON and P02 OFF).

Delete all programs

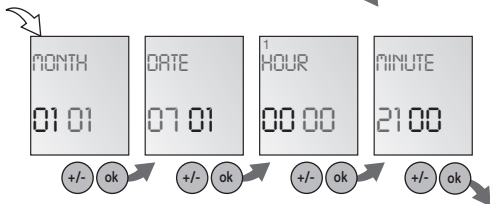




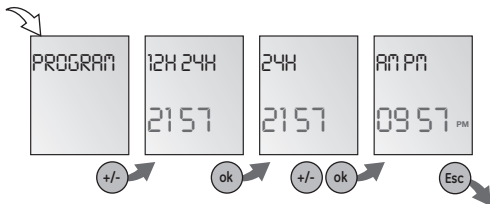
Set date and time

**Info**

The date and time are preset at the factory.

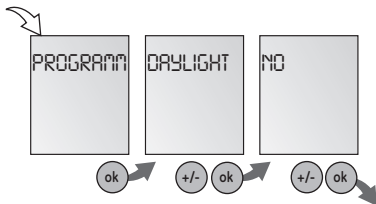
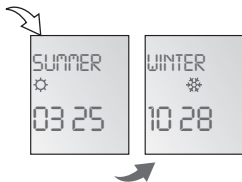
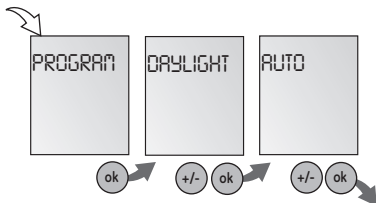


Set AM/PM (12-hour-) or 24-hour display





Switchover for summer/winter time



Info

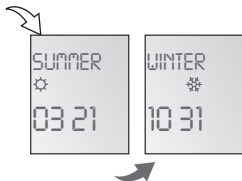
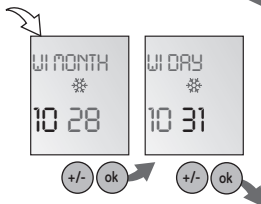
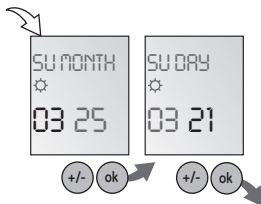
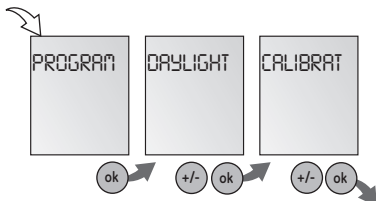
The following settings are possible:

AUTO

Factory presetting of the published calendar dates. This is automatically recalculated for each year.

NO

No switchover



CALIBRAT

Programming. The start date of the summer time and winter time must be entered for this purpose. The factory presetting is overwritten.

The programmed summer / winter time is automatically recalculated for each year.

The changeover takes place on the same specified day of the week in the same week of each month.

Example

03/21 Start summer time
10/31 Start winter time

Attention

Between the switchover it is not allowed to make settings at the time switch!



Operating mode



Info

Press 1 x = FIX ON = continuous ON
Press 2 x = FIX OFF = continuous OFF
Press 3 x = return to Auto mode

FIX ON:  FIX

FIX OFF:  FIX

AUTO: (no display) programmed switching times



Technical data

| | | | |
|---------------------------------------|------------------------------------|---------------------------------------|---|
| Dimensions H x W x D | 45 x 17,5 x 60 mm | Protection class | II |
| Weight g (approx.) | 90 | Accuracy | typ. ± 2.5 s/day at 68°F (20°C) |
| Supply voltage | see imprint on device | Reserve power | 3 years from factory at +68°F (20°C) |
| Power consumption | 5 VA | Shortest switching time | 1 min. |
| Switching capacity | | Memory spaces | 50 |
| - ohmic load (VDE, IEC) | 16 A/250 VAC | Block formation of day of the week | fixed/free selection |
| - inductive load cos φ 0.6 | 8 A/250 VAC | Switching status display | yes |
| - Incandescent lamp load | 1,000 W | Sealable | yes |
| Switching output | potential-free | | |
| Switch contacts | 1 changeover contact | | |
| Ambient temperature | -13°F to 131°F (-25°C to +55°C) | | |