

**theben**

TR 610 *tp*

**GB**

**TERMINA**

1-channel 7 day timers



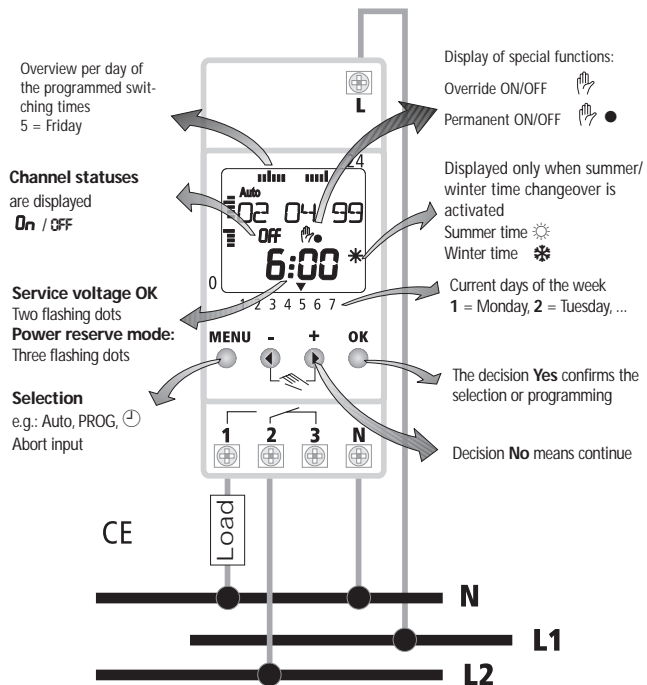
According to version  
**Preprogrammed**  
with the current time  
and summer/ winter  
norm time



**Safety Information**

The connection and installation of electrical appliances must be performed by a skilled electrician only. Any intervention into or modifications to the appliance shall lead to the lapse of all warranty rights. Comply with your national regulations and all relevant safety stipulations.

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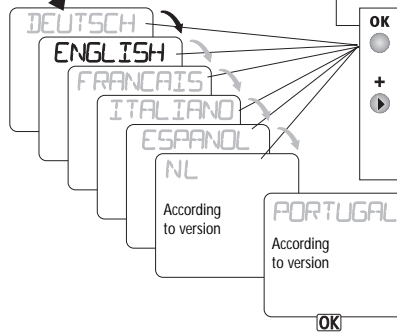
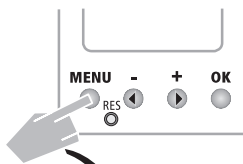
# 1. info

The timer is delivered in so-called sleep mode.  
**To activate without a service voltage:**  
Briefly press the **MENU** key.  
**Activate with mains voltage:**  
If the timeswitch is already pre-programmed with the actual time, the weekday, and the changeover setting for Summer / Winter time, the actual time and status display appears after selection of the National language.  
If the timer is not pre-programmed:  
First select your National language and then enter the actual date and time.

# 3. info

**For programming, viewing, amending or deleting**  
First of all read the text display.  
**Menu selection:**  
Select by pressing the **MENU** Prog key  
Confirm by pressing **OK**.  
By pressing the **+** key select the desired menu.  
e.g. New, View, Amend or Delete.  
Confirm your selection by pressing **OK**.  
**Set or change:** by pressing **+** or **-**.  
Store by pressing **OK**.  
**To display the switching times:**  
In the menu View, press the **OK** key several times.

## First contact Selection of the national language Initial operation



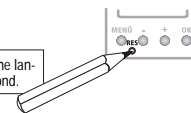
# 2. action

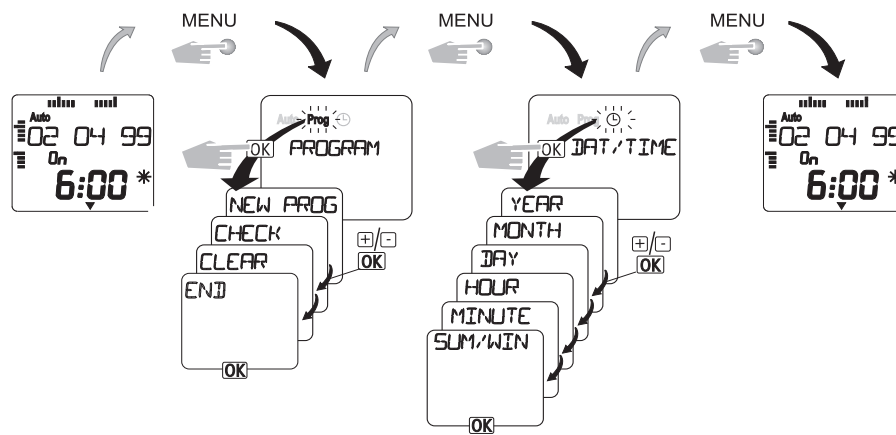
**Activate the clock, select the national language**  
By pressing the **+** or **-** key select your national language.  
Store your selection by pressing the **OK** key.

**OK** The decision **Yes**, confirms the selection or programming.  
**+** The decision **No**, means continue.  
Set or amend by pressing the **+** or **-** keys.

## info

**In emergency situations only:** Should you press RESET on the timer, all stored data will be deleted. However, the timer will then still display the language last selected and the summer/ winter norm time changeover last selected. Press the **RES** key with a pointed object for approx. 1 second.





### Technical data

<b>TR 610 0 00x</b> 230V~ +/- 10% 50-60 Hz 240V~ +6%-14% 50-60 Hz	min. - 10° C to max. + 50° C	Lithium, ap. 4 years power reserve	Degree of protection II EN 60730 IP 20 EN 60529	<b>16(10)A</b> 250 V~ min. 100 mA 24V AC/DC	2300W 	9 x 7 W 7 x 11 W 7 x 15 W 7 x 20 W 7 x 23 W 
<b>TR 610 1 00x</b> 120V~ +/- 10% 50-60 Hz	Type 1 BSTU IEC/EN 60730-2-7	<b>28</b> memory locations	AgSnO	2300W	1000 W	400 W (42µF)

## info

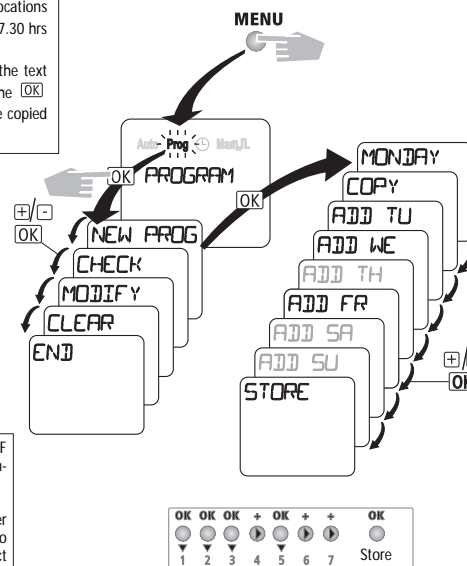
### Formation of day groups

If the same switching times are active on several days of the week, they occupy just **one** memory location. **28** memory locations are available, e.g. Monday – Friday 7.30 hrs ON.

**Group formation:** In answer to the text question Copy, decide by pressing the **[OK]** key that the day program should be copied to another day of the week.

## Programming the switching time

Switching times for lighting systems, machines, ventilation systems, alarm systems etc.



## action

**Example:** Switching on the lighting of a sports hall on Mon., Tues., Thurs., Fri. from 7.30h until 12h.

### Programming example:

Select **Prog** by pressing the **[MENU]** key.  
Store your selection by pressing the **[OK]** key.  
Select **New** by pressing the **[+/-]** or **[OK]** key.  
Store your selection by pressing the **[OK]** key.  
Select ON or OFF by pressing **[+]** or **[-]**.  
Store your selection by pressing **[OK]**.  
Set the hours and minutes by pressing the **[+]** or **[-]** key.  
Store selection by pressing **[OK]**.

### To store this day of the week only:

Select weekday by pressing **[+]** or **[-]**.  
Select store by pressing **[+]**.  
Store by pressing **[OK]**.

### To copy to other days of the week:

Store **copy** by pressing **[OK]**.  
Select weekday by pressing **[+]** or **[-]**.  
Store by pressing **[OK]**.  
To leave out a day of the week, skip by pressing the **[+/-]** key.  
Finally select the **store** display by pressing **[+]**.  
Store your selection by pressing **[OK]**.

## info

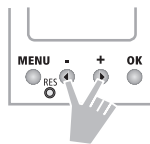
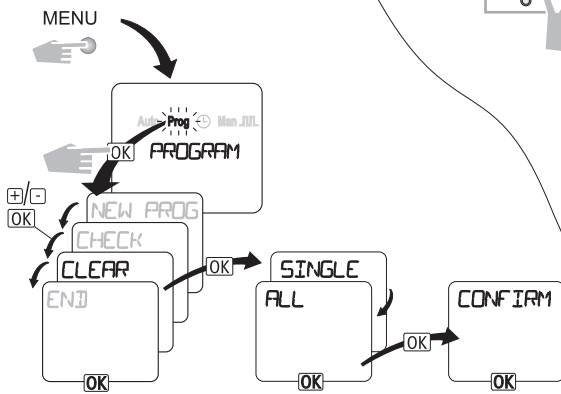
When programming an ON and OFF switching time, e.g. 9 AM, a switch-off at 9 AM always has priority.

### Program review:

Following programming the timer makes a program review back to midnight and then sets the correct switching status.

## Override Permanent ON or OFF Via the automatic menu **AUTO** only

### Individual deletions

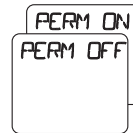


Press the two keys for **approx. 1 s**  
Switches alternately **On** or **OFF**.  
Symbol appears.  
Manual preselection is corrected again by  
the stored program.



**Cancellation of manual  
preselection/ permanent switching:**  
Briefly press the keys shown above.

**Permanent ON or OFF**  
Press both keys for **approx. 2 s**  
Symbol **On** appears.  
Press both keys for **approx. 2 s**  
Symbol **OFF** appears.



**Cancellation of manual  
preselection/ permanent switching:**  
Briefly press the keys shown above.

## Setting/ correcting the date and time summer/winter time

### info

#### Automatic summer/winter time correction

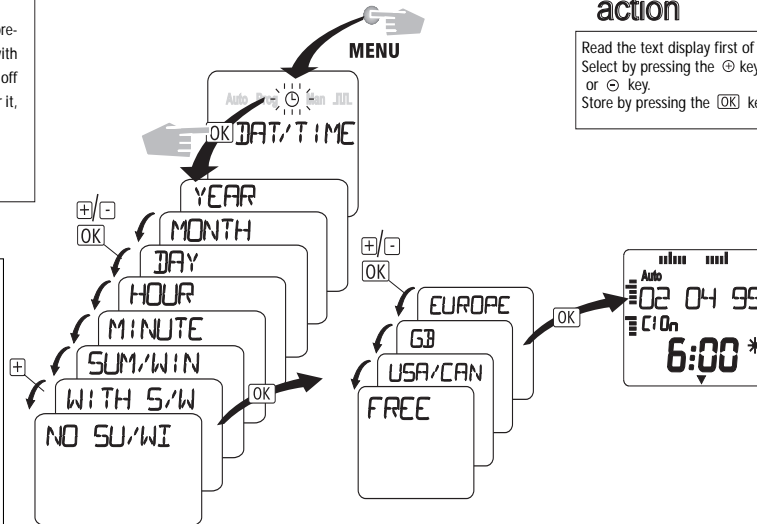
According to version the timer is pre-programmed ex-works complete with the change-over. Should you switch off the automatic facility or wish to alter it, first of all read the text display. Select by pressing  $\odot$  or  $\ominus$ . Store by pressing  $\text{OK}$ .

### info

Free Prog to select sum/win change-over other than EUR-GB-USA. Select sum/win, and after with sum/win. Store with  $\text{OK}$ . Select rule FREE – with buttons  $\odot$  or  $\ominus$ . Input month and weeks for sum/win. Store with  $\text{OK}$ . E.g. Month = March  
Week 4 = fourth week  
Week 5 = last week in month  
Note: In sum/win free Prog the time change is set automatically at sunday 2 AM.  
Time change is not available.

### action

Read the text display first of all. Select by pressing the  $\odot$  key or  $\ominus$  key. Store by pressing the  $\text{OK}$  key.



TIMEGUARD LTD, Victory Park, 400 Edgware Road London NW2 6ND  
Tel. 0181/4508944; Fax: 0181/4525143

PETER WARBURTON PTY. LIMITED, 64 Britannia Road, Castle Hill  
NSW 2154, Australia, Tel.: (02) 9899 2908, Fax: (02) 9899 4486