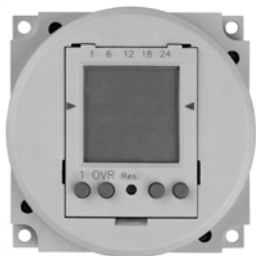


<http://waterheatertimer.org/Intermatic-timers-and-manuals.html#GM40AVE>

## Instruction Manual










**50 memories time switches**



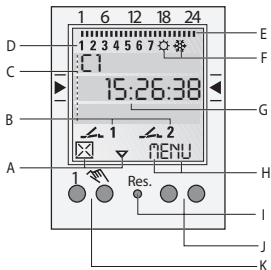


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**Safety precautions**

- 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.



### 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.

### Function displays of the two left-hand buttons:

- △ scroll up in menu
- ▽ scroll down in menu
- ☒ Select/reject suggestion
- ✓ Select/accept suggestion
- + Press briefly = +1  
Press and hold (approx. 2 sec) = +5
- Press briefly = -1  
Press and hold (approx. 2 sec) = -5

### Display

- A Function displays of the two left-hand buttons
- B Channel status displays  
 ↗ 1 = Channel 1 ON  
 ↘ 1 = Channel 1 OFF  
 Channel 1 = C1, Channel 2 = C2
- C 3 communication lines for time display, menu items, entry prompts etc.
- D Day-of-week display
- E Overview of daily switching program
- F Display of summer/winter time
- G Operating voltage (permanently lit dots)  
Reserve power operation (dots flash)
- H Function displays of the two right-hand buttons

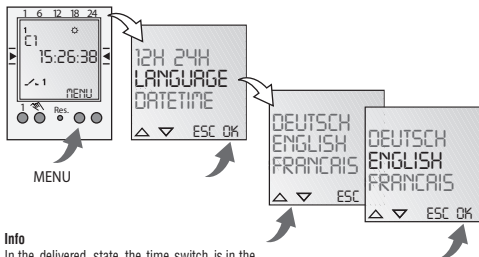
### Buttons

- I Reset  
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).
- J Right-hand buttons
- K Left-hand buttons with manual switch function in Automatic mode

### Function displays of the two right-hand buttons:

- 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
- EDT** Change request in Read mode
- NO** Do not execute command
- YES** Execute command
- DEL** Delete

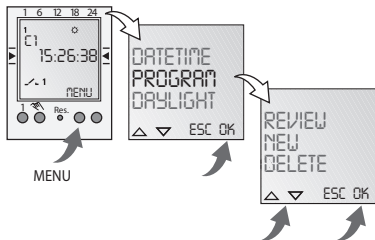
Initial start-up - selection of menu language



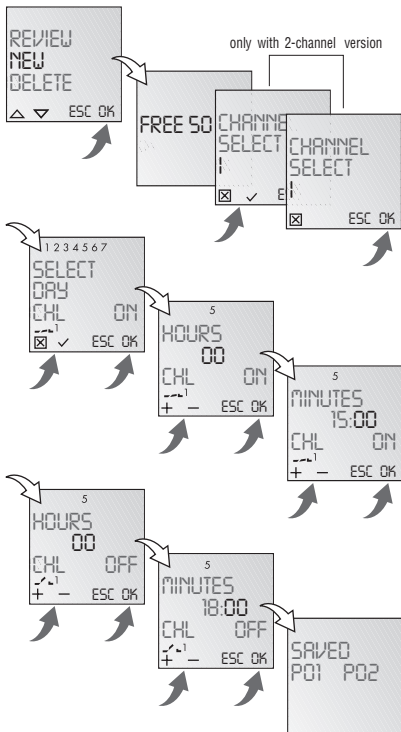
### Info

In the delivered state the time switch is in the Auto mode with a preset time, date and the menu language English.

## Prog.



New program



Info

The time switch has 50 memory spaces.

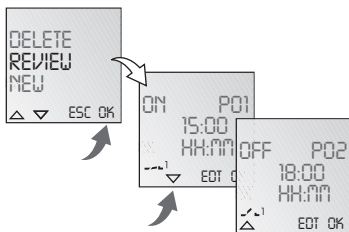
Example

ON command for channel 1 at 3 pm. OFF command at 6 pm.

- Select NEW program and confirm with **OK**.
- The free memory spaces are briefly displayed.
- Select channel and confirm with **OK**.
- 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 REVIEW, **NEW**, DELETE. Now additional programs can be created.



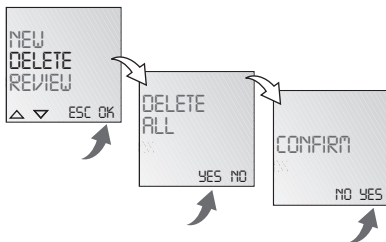
## View, edit program



## Info

- The program steps can be scrolled through with ▼▲.
- The respective program can be edited by pressing EDT. The procedure is the same as when creating a new program.

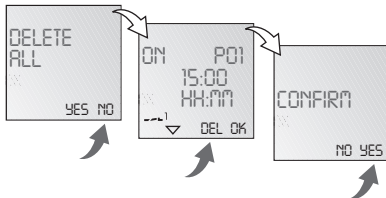
## Delete all programs



## Info

- It is possible to delete all programs with YES
- By pressing NO, individual programs can be deleted.

## Delete individual programs

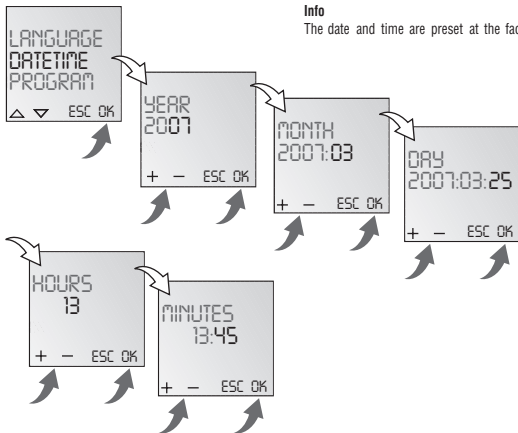


## Info

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



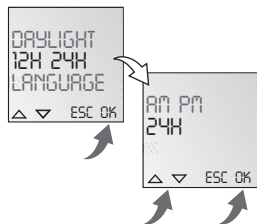
## Set date and time



### Info

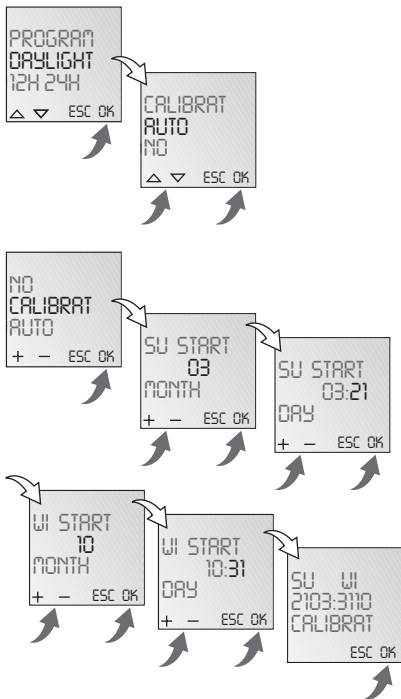
The date and time are preset at the factory.

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





## Change for Daylight Savings 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 for the start and ending date / or daylight savings time must be entered for this purpose.

The factory presetting is overwritten.

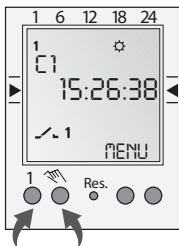
The programmed daylight savings time is automatically recalculated for each year.

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

### Example

03/21 Start Daylight Savings time  
10/31 End Daylight Savings time

## Operating mode



FIX ON: 

FIX OFF: 

AUTO (no display) programmed switching times

### Info

Left-hand button = Channel 1

Right-hand button = Channel 2 (only with 2-channel version)

Press 1 x = FIX ON = continuous ON

Press 2 x = FIX OFF = continuous OFF

Press 3 x = return to Auto mode

## WARRANTY

If within one (1) year from the date of purchase, this product fails due to a defect in material or workmanship, Intermatic Incorporated will repair or replace it, at its sole option, free of charge. This warranty is extended to the original household purchaser only and is not transferable. This warranty does not apply to: (a) damage to units caused by accident, dropping or abuse in handling, acts of God or any negligent use; (b) units which have been subject to unauthorized repair, opened, taken apart or otherwise modified; (c) units not used in accordance with instructions; (d) damages exceeding the cost of the product; (e) sealed lamps and/or lamp bulbs, LED's and batteries; (f) the finish on any portion of the product, such as surface and/or weathering, as this is considered normal wear and tear; (g) transit damage, initial installation costs, removal costs, or reinstallation costs.

**INTERMATIC INCORPORATED WILL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS OR IMPLIED WARRANTIES. ALL IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY MODIFIED TO EXIST ONLY AS CONTAINED IN THIS LIMITED WARRANTY, AND SHALL BE OF THE SAME DURATION AS THE WARRANTY PERIOD STATED ABOVE. SOME STATES DO NOT ALLOW LIMITATIONS ON THE DURATION OF AN IMPLIED WARRANTY, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.**

This warranty service is available by either (a) returning the product to the dealer from whom the unit was purchased, or (b) mailing the product, along with proof of purchase, postage prepaid to the authorized service center listed below. This warranty is made by: Intermatic Incorporated/After Sales Service/7777 Winn Rd., Spring Grove, Illinois 60081-9698/815-675-7000 <http://www.intermatic.com> Please be sure to wrap the product securely to avoid shipping damage.

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