



# Danfoss TS710 Single Channel Timer User Guide

[Home](#) » [Danfoss](#) » Danfoss TS710 Single Channel Timer User Guide

## Contents [ [hide](#) ]

- [1 Danfoss TS710 Single Channel Timer](#)
- [2 What is the TS710 Timer](#)
- [3 Setting time and Date](#)
- [4 Timer Schedule Setup](#)
- [5 Display and Navigation Details](#)
  - [5.1 Display & Navigations](#)
  - [5.2 Holiday Mode](#)
  - [5.3 Channel Override](#)
- [6 Documents / Resources](#)
  - [6.1 References](#)
- [7 Related Posts](#)



**Danfoss TS710 Single Channel Timer**



## What is the TS710 Timer

The TS710 is used to switch your gas boiler either directly or via a motorized valve. The TS710 has made setting your on/off times easier than ever before.

### Setting time and Date

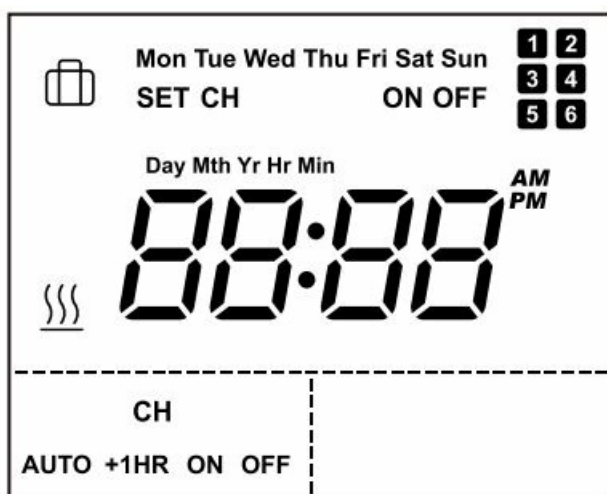
- Press and hold the OK button for 3 seconds, and the screen will change to show the current year.
- Adjust using or setting the correct year. Press OK to accept. Repeat step b to set month and time settings.

### Timer Schedule Setup

- The Advanced Programmable Timer Function allows setting a timer-controlled program for automatically scheduled event changes.
- The example below for 5/2 day setup
- **a.** Press the button to access schedule setup.
- **b.** Set CH flashes, and press OK to confirm.
- **c.** Mo. Tu. We. Th. Fr. will flash on the display.
- **d.** You can select weekdays (Mo. Tu. We. Th. Fr.) or weekends (Sa. Su.) with buttons.
- **e.** Press the OK button to confirm the days selected (e.g. Mon-Fri) The chosen day and 1st ON time are displayed.
- **f.** Use or select ON hour, and press OK to confirm.
- **g.** Use or select ON minute, and press OK to confirm.
- **h.** Now the display changes to show the "OFF" time

- **l.** Use or select OFF hour, and press OK to confirm.
- **j.** Use or select OFF minute, and press OK to confirm.
- **k.** Repeat steps f. to j. above to set 2nd ON, 2nd OFF, 3rd ON & 3rd OFF events. Note: the number of events is changed in the user settings menu P2 (see table)
- **l.** After the last event time is set, if you were setting Mo. to Fr. the display will display Sa. Su.
- **m.** Repeat steps f. to k. to set Sa. Su times.
- **n.** After accepting Sa. Su. final event your TS710 will return to normal operation.
- If your TS710 is set for a 7-day operation, the option will be given to select each day separately.
- In 24-hour mode, the option will only be given to select Mo. to Su. together.
- To change this setting. See user settings P1 in the User Settings table.
- Where the TS710 is set for 3 periods, options will be given to select the period 3 times.
- In 1 Period mode, the option will be only given for one ON/OFF time. See User Settings P2.

## Display and Navigation Details




## Display & Navigations

Symbols	Function description	Symbols	Function description
<b>Mon-Sun</b>	Current set day		Holiday mode
	Current on/off period		Schedule setup (menu access*)
<b>SET CH</b>	Schedule setup	<b>OK</b>	Confirm settings (Date and time setup*) (Reset**)
	Current set time / parameter setup		Menu navigation / day selection (AUTO+1HR function*)
<b>Day Mth Yr Hr Min</b>	Time and date setup		Time and setting changes / channel mode selection
	Heating active	<b>PR</b>	Program selection (Holiday mode selection*) (Reset**)
<b>CH</b> AUTO +1HR ON OFF	Heating channel current mode	-	-

- To access additional features press and hold the button for 3 seconds.
- To reset the timer, press and hold the PR and OK buttons for 10 seconds.
- The reset is complete after ConFtext appears on the display.
- **(Note:** This does not reset service due to timer or date and time settings.)

### Holiday Mode

- Holiday Mode temporarily disables the timing functions when away or out for a period of time.
- **a.** Press the PR button for 3 seconds to enter Holiday mode.  icon will be shown on the display.
- **b.** Press the PR button again to resume normal timings.

### Channel Override

- You can override the timing between AUTO, AUTO+1HR, ON, and OFF.
- **a.** Press the PR button. CH will flash and current timer function, e.g. CH – AUTO.
- **b.** With channel flashing press buttons to change between AUTO, AUTO+1HR, ON, and OFF
- **c.** AUTO = The system will follow programmed schedule settings.
- **d.** ON = The system will remain constant ON until the user changes the setting.
- **e.** OFF = the system will remain constant OFF until the user changes the setting.
- **f. a.** AUTO+1HR = To boost the system for 1 hour press and hold the button for 3 seconds.
- **f. b.** With this selected, the system will remain ON for an extra hour.
- If it is selected while the program is OFF, the system will switch ON immediately for 1 hour and then resume programmed times(AUTO mode) again.

### User Settings

- **a.** Press the button for 3 seconds to enter the parameter setting mode. set the parameter range via or and press OK.
- **b.** To exit parameter setup press, or after 20 seconds if no button is pressed unit will return to the main screen.

No.	Parameter settings	Settings range	Default
P1	Working mode	01: Schedule timer 7 day 02: Schedule timer 5/2 day 03: Schedule timer 24hr	02
P2	Schedule periods	01: 1 period (2 events) 02: 2 periods (4 events) 03: 3 periods (6 events)	02
P4	Timer display	01: 24hr 02: 12hr	01
P5	Auto daylight saving	01: On 02: Off	01
P7	Service due setup	Installer setting only	

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## Documents / Resources



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TS710 Single Channel Timer, TS710, Single Channel Timer, Channel Timer, Timer

## References

-  [Danfoss - Engineering Tomorrow | Danfoss](#)
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