

Easy User Guide

TS710

Single Channel Heating Timer

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www.danfoss.com

What is the TS710 Heating Timer?

The TS710 provides flexible schedule setups to suit your lifestyle and ensure that heating is only called for when you need it. The TS710 is used to switch your gas boiler either directly or via motorised zone valves, and when used together with room thermostats it can provide full heating and comfort control. The TS710 single channel heating timer has made setting your heating times easier than ever before.

Timer Schedule Setup

The Advanced Programmable Timer Function allows to set a timer-controlled program for automatic scheduled event changes.

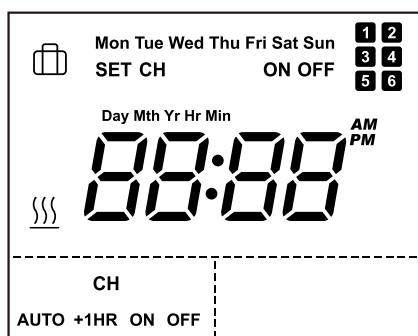
Example below for 5/2 day setup

- Press button to access schedule setup.
- Set CH flashes, press OK to confirm.
- Mo. Tu. We. Th. Fr. will flash on the display.
- You can select weekdays (Mo. Tu. We. Th. Fr.) or weekend (Sa. Su.) with or buttons.
- Press OK button to confirm days selected (e.g. Mon-Fri) The chosen day and 1st ON time is displayed.
- Use or to select ON hour, press OK to confirm.
- Use or to select ON minute, press OK to confirm.
- Now the display changes to show the "OFF" time
- Use or to select OFF hour, press OK to confirm.
- Use or to select OFF minute, press OK to confirm.
- Repeat steps F and G above to set 2nd ON, 2nd OFF, 3rd ON & 3rd OFF events. Note: the number of events is changed in user settings menu P2 (see table)
- After the last event time is set, if you were setting Mo. to Fr. the display will display Sa. Su.
- Repeat steps F to K to set Sa. Su times.
- After accepting Sa. Su. final event your TS710 will return to normal operation.

If your TS710 is set for 7 day operation, the option will be given to select each day separately. In 24 hr mode, the option will only be given to select Mo. to Su. together. To change this setting. See user settings P1 in User Settings table.

Where the TS710 is set for 3 periods, options will be given to select period 3 times. In 1 Period mode, 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
Mon-Sun	Current set day		Holiday mode
	Current on/off period		Schedule setup (menu access*)
SET CH	Schedule setup	OK	Confirm settings (date and time setup*)
AM PM 00:00	Current set time / parameter setup		Menu navigation / day selection
Day Mth Yr Hr Min	Time and date setup		Time and setting changes / channel mode selection
	Heating active	CH	Channel selection (Holiday mode selection*)
CH AUTO +1HR ON OFF	Heating channel current mode	-	-

* To access additional feature press and hold button for 3 seconds

Holiday Mode

Holiday Mode temporarily disables the timing functions when away or out for a period of time.

- Press CH button for 3 seconds to enter Holiday mode. icon will be shown on the display.
- Press CH button again to resume normal timings.

Channel Override

You can override the timing between AUTO, AUTO+1HR, ON and OFF.

- Press CH button. CH will flash and current timer function, e.g. CH – AUTO.
- With channel flashing press or buttons to change between AUTO, AUTO+1HR, ON and OFF
- AUTO = the system will follow programmed schedule settings.
- ON = the system will remain constant ON until the user changes the setting.
- OFF = the system will remain constant OFF until the user changes the setting.
- AUTO+1HR = the system will remain ON for an extra hour. If it is selected while the programme is OFF, the system will switch ON immediately for 1 hour then resume programmed times(AUTO mode) again.

User Settings

- Press button for 3 seconds to enter the parameter setting mode. set the parameter range via or and press OK.
- To exit parameter setup press , or after 20 seconds if no button is pressed unit will return to 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	
P8	Reset	00: Reset off 01: Select reset	00

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