

Easy User Guide

FP720

Two Channel Heating Timer

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www.danfoss.com

What is the FP720 Heating Timer?

The FP720 provides flexible schedule setups to suit your lifestyle and ensure that heating is only called for when you need it. The FP720 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 FP720 dual channel heating timer has made setting your heating times easier than ever before.

On/Off Schedule Setup

The FP720 Timer Function allows you to set a timer-controlled program for your heating and hot water.

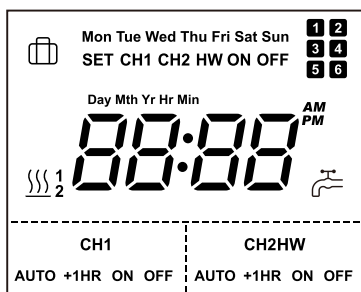
See the example below to program for a 5/2 day setup (Monday-Friday & Sat-Sunday)

- Press button to access schedule setup.
- Press the CH to choose between SET CH1, SET HW or between SET CH1, SET CH2 (if menu option P3 is set to 02) and 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.
- After accepting Sa. Su. final event setting your FP720 will return to normal operation.

If your FP720 is set for 7 day operation, the option will be given to select each day separately. In 24 hr mode, option will only be given to select Mo. to Su. together. To change this setting. see User Settings menu P1.

Where the FP720 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 setting menu P2.

Display and Navigation Details



Display & Navigations

Symbols	Function description	Symbols	Function description
Mon-Sun	Current set day		Domestic hot water heating active
	Current on/off period		Holiday mode
SET CH1 CH2 HW ON OFF	Schedule setup		Schedule setup (menu access*)
AM PM 00:00	Current set time/parameter setup	OK	Confirm settings (date and time setup*)
Day Mth Yr Hr Min	Time and date setup	^ v	Menu navigation / day selection
	Heating active (1 or 2 Zone)	< >	Time and setting changes / channel mode selection
CH1 AUTO +1HR ON OFF	Heating channel 1 current mode	CH	Channel selection (Holiday mode selection*)
CH2HW AUTO +1HR ON OFF	Heating channel 2 or DHW 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. (see User Settings menu P6)

- 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 heating / hot water channels between AUTO, AUTO+1HR, ON and OFF

- Press the CH button and the selected channel will flash, along with the current mode (AUTO etc).
- Use or to select required option (AUTO+1HR, ON, OFF etc) and press OK to select.
- To alter the other channel (i.e. HW) press the CH button until the HW channel is flashing.
- Repeat step B to select operating mode.

Boost Function

- To boost either heating or hot water channel for 1 hour repeat steps A and B of the Channel override section and select "AUTO+1HR".
- With this selected, the heating/hot water will remain ON for an extra hour. If it is selected while the programme is OFF, the heating/hot water will switch ON immediately for 1 hour then resume programmed time(AUTO mode) again.

User Settings

- Press for 3 seconds to enter the parameter setting mode. set the option range via or .
- To exit User Settings 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
P3	Channel setup	01: Heating + Domestic hot water 02: Two heating zones	01
P4	Timer display	01: 24hr 02: 12hr	01
P5	Auto daylight saving	01: On 02: Off	01
P6	Holiday mode setup	01: All channels off 02: Heating off only	01
P7	Service due setup	Installer setting only	
P8	Reset	00: Reset off 01: Select reset	00

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