ENGINEERING TOMORROW

Danfoss

Easy User Guide

FP720
Two Channel Timer

BC337370501704en-000104 | 087R1004   www.danfoss.com

What is the FP720 Timer?

The FP720 is used to switch your heating and hot water at times to suit you. The FP720 has made setting your on/off times easier than ever before.

Setting Time and Date

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

On/Off Schedule Setup

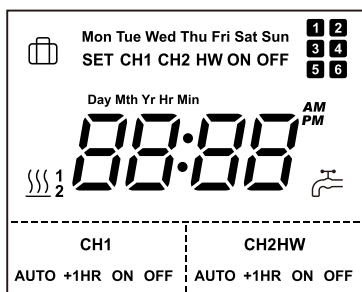The FP720 Timer Function allows you to set a timer-controlled program for your heating and hot water.

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

a. Press ☰ button to access schedule setup.
b. Press the PR 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.
c. Mo. Tu. We. Th. Fr. will flash on the display.
d. You can select weekdays (Mo. Tu. We. Th. Fr.) or weekend (Sa. Su.) with ⋀ or ⋁ buttons.
e. Press OK button to confirm days selected (e.g. Mon-Fri) The chosen day and 1st ON time is displayed.
f. Use ❮ or ❯ to select ON hour, press OK to confirm.
g. Use ❮ or ❯ to select ON minute, press OK to confirm.
h. Now the display changes to show the "OFF" time
i. Use ❮ or ❯ to select OFF hour, press OK to confirm.
j. Use ❮ or ❯ to select OFF minute, 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 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.
n. 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
1 2 3 4 5 6	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*) (Reset**)
Day Mth Yr Hr Min	Time and date setup	⋀ ⋁	Menu navigation / day selection (AUTO+1HR function*)
〰1 〰2	Heating active (1 or 2 Zone)	❮ ❯	Time and setting changes / channel mode selection
CH1 AUTO +1HR ON OFF	Heating channel 1 current mode	PR	Programmable channel selection (Holiday mode selection*)(Reset**)
CH2HW AUTO +1HR ON OFF	Heating channel 2 or DHW current mode	-	-

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

Holiday Mode

Holiday Mode temporarily disables the timing functions when away or out for a period of time. (see User Settings menu P6)
a. Press PR button for 3 seconds to enter Holiday mode. 🧳 icon will be shown on the display.
b. Press PR button again to resume normal timings.

Channel Override

You can override the heating / hot water channels between AUTO, AUTO+1HR, ON and OFF
a. Press the PR button and the selected channel will flash, along with the current mode (AUTO etc).
b. Use ❮ or ❯ to select required option (AUTO+1HR, ON, OFF etc) and press OK to select.
c. To alter the other channel (i.e. HW) press the PR button until the HW channel is flashing.
d. Repeat step B to select operating mode.

Boost (AUTO+1HR) Function

a. To boost either heating or hot water channel for 1 hour press and hold the ⋀ or ⋁ button for 3 seconds according to channel boost requirement.
b. 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

a. Press ☰ for 3 seconds to enter the parameter setting mode. set the option range via ❮ or ❯.
b. 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	

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