

Setting up your devireg[®] 710 Anticipatory Controller system for Living/Kitchens, Bedrooms and Hallways



Control Settings & Display Lights

When used in conjunction with a single period, night or multi-period "off-peak" tariffs both controls night and day will be set by the installer at their mid-scale (i.e. ▼).

In the first 24 hours following the connection, the controller memorises the start and finishing times of the off-peak periods. Thereafter the controller will regulate the energy required to achieve and maintain the designed comfort temperatures.

The achieved temperatures may be adjusted by the consumer by altering controls (Night) and (Day) dials as follows:

Night (a)



Turn Clockwise (+4) to increase or anti-clockwise (-4) to decrease room temperatures in the morning to personal comfort levels.

Adjust control in the evening (i.e. prior to the overnight charge period).

Day (b)



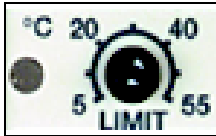
Turn Clockwise (+4) to increase or anti-clockwise (-4) to decrease room temperatures late afternoon/evening to personal comfort levels. Adjust control in the morning (i.e. prior to afternoon/evening charge period).

N.B On the night-only tariff the DAY dial is inoperative and should be left at ▼.

CONST. is a TEST SETTING ONLY

It is advisable that the 710 controller is set on CONST. at the beginning of the heating system for approximately 2 days. After this period of time the controller should be returned to its original setting (See Control (b)).

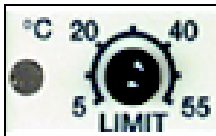
Limit (c)



The installer will set this dial to the maximum floor temperature required, normally 50°C. Floor circuits will automatically be switched off if this temperature is exceeded, no further adjustment is necessary.

You may use this control to reduce overall heating to background or frost protection levels (i.e. when the dwelling is unoccupied for long periods during the heating season) by resetting the dial to a lower setting, restoring it to its original position on return.

Limit Light (d)



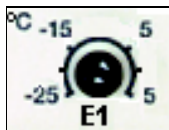
A red light glows when heating is on and a green light when heating is off. When no light is showing the floor temperature has exceeded the set point and the floor circuits have been automatically switched off.

Night Light (e)



An intermittent red light flashes at all time, the rate of flashing indicates the percentage of load being applied.

E1 (f)



Normally set by the installer at 0 to +1°C (South UK.) or +4°C (North UK.) this control relates to the design temperature of the system and should not be altered.

Trouble Shooting	
System Check When starting, the system buttons (a) and (b) must be placed in the middle. (f) set at design temperature. Check that there is a voltage between terminals 5 and 6. The lamp should either flash ON and OFF or be on constantly. Connect off-peak signal on terminal 4 (Test only short circuit terminals 4 and 6 Turn button (b) to CONST and button (c) to 55°C Check that the indicator gives a red light. If floor sensor is used indicator (d) should be off when button (c) is turned to the left. Control should now be switched off.	
Fault: Constant Heat Same as above Check contactor, if installed Check the ohm value of the outdoor sensor.	
Fault: Sensor defects If the light (e) and (d) flash alternatively the outdoor sensor is open circuit.	

Easy Setup	Required Setting
NIGHT	▼
DAY	▼
LIMIT	50°C
LIGHT TO LIMIT	Green Light = Heating Is OFF Red Light = Heating Is ON
LIGHT TO NIGHT	Red light indicating the percentage of load being applied
E1	0 to +1