

# Devireg™ 540 Programming Instructions (Dry Areas)



**DEVI™**  
Heating Systems

<b>1</b>	<b>Setup code</b>	Hold button down until the word "CODE" appears on the display. Rotate button clockwise to select code "0044" and then press the button once.													
<b>2</b>	<b>Operating mode</b>	Rotate button and select ALO and then press the button.													
<b>3</b>	<b>Temperature readout</b>	Rotate button to select °C and then press the button.													
<b>4</b>	<b>Sensor selection</b>	Rotate button to select 'FS' (Floor Sensor) OR 'RS' (Room Sensor), OR 'RFS' (Room Floor Sensor).													
<b>5</b>	<b>Maximum floor temperature selection</b>	At 'nt', rotate the button to select a maximum temperature depending on your floor structure and floor covering. Press to select. <table border="1" style="margin: 10px auto;"> <thead> <tr> <th>Floor Construction</th> <th>Tiles</th> <th>Timber</th> <th>Carpet</th> </tr> </thead> <tbody> <tr> <td>Timber base</td> <td>32°C</td> <td>27°C</td> <td>30°C</td> </tr> <tr> <td>Concrete base</td> <td>45°C</td> <td>27°C</td> <td>40°C</td> </tr> </tbody> </table>	Floor Construction	Tiles	Timber	Carpet	Timber base	32°C	27°C	30°C	Concrete base	45°C	27°C	40°C	
Floor Construction	Tiles	Timber	Carpet												
Timber base	32°C	27°C	30°C												
Concrete base	45°C	27°C	40°C												
<b>6</b>	<b>Off periods</b>	LO should be displayed. Rotate the button anti clockwise to select -30°C then press button. (Note that some of the older versions only allowed a maximum setback of -15°C).													
<b>7</b>	<b>Clock display</b>	Rotate button to select clock display as either 24 hours or 12 AM/PM.													
<b>8</b>	<b>Save settings</b>	Press button once.													
<b>9</b>	<b>Setting the clock</b>	Hold the button down for about 3 seconds until the display changes once. The display now shows the time. Rotate the button until the small number under the clock shows the correctly numbered day (number 1 represents Monday, number 7 is Sunday). Once the day is correct now set the time then press the button to save.													
<b>10</b>	<b>Program mode</b>	Hold the button down for about six seconds until the display screen changes twice. The display should show the numbers 1-7 lined up along the bottom. Twist the button clockwise along the 7 numbers until you are at number 1 (Monday). Now press the button. The display should now show one small flashing square directly underneath the 24 (or 12) hour time at the top of the clock. By rotating the button clockwise, move the flashing square around the clock to the time where you would like your floors to start heating (eg: 4:30 am, your floors should be warm by 6-6:30). When you reach your desired start time, press the button to select. Continue rotating clockwise until you reach the desired time where you would like your heating to turn off. Press button to select off time. Your heating period should be highlighted in black. To have your heating come on in the evening as well, just repeat the previous steps. Each day must be programmed individually. When you have set the on and off times for the first day, simply move on to the next day by passing 24 (or 12). When you have finished programming all 7 days, hold the button down until you see a black circle around the outside of the digital display.													
<b>11</b>	<b>Manual mode</b>	Your thermostat is now on Manual mode (24 hour heating).													
<b>12</b>	<b>Test temperature</b>	For test purposes, turn the settings up to 40°C until this symbol (squiggly lines) is displayed. This may take a few minutes to display. This ensures that the thermostat is sending output to the heating element. This temperature setting is simply for test purposes, once the symbol (squiggly lines) has appeared then turn the temperature down to approx 25-30°C. Leave your thermostat on manual mode for up to 2-3 days or until you feel heat. Now that you know the thermostat works correctly you can change over to your timer settings. To do this simply press the button. You will notice a clock symbol on the display and broken black lines around the outside that indicate your heating times.													
<b>13</b>	<b>Off</b>	When you no longer require floor heating you may turn off your thermostat without losing any of your programmed settings. To turn off the thermostat, simply press and release until you are in manual mode (manual mode is indicated by a full black ring around the outside of your digital screen). Now turn your button anti clockwise until your thermostat decreases in temperature and then reads "OFF".													