



The USB Handbook



What does it do?

The USB Programming Stick and associated software are simple accessories for your Terrier i-Temp Programmable Radiator Control (PRC).

The PC Software allows easy setting of a heating profile for each of your Terrier i-Temp's and uses the USB Programming Stick to send this data to the Terrier i-Temp.

The USB Programming Stick does not have any controls and must be used with the downloadable software and a PC.

How does it work?

- The programming software must be installed and running on a PC.
- The heating program must be defined in the software before any transmission is made.
- The USB Programming Stick must be plugged into the computer to operate.
- The USB Programming Stick must be "taught in" to the Terrier i-Temp PRC each time a transmission is to be made.
- The USB Programming Stick does not remain permanently "taught-in" to the Terrier i-Temp PRC.
- The USB Programming Stick is a radio transmitter that is used to send data directly from your PC to your Terrier i-Temp PRC.
- Receiving this information, the Terrier i-Temp PRC accepts the new program immediately and begins to run it.
- The USB Programming Stick is capable to transmitting to any number of Terrier i-Temp PRC's which are close by and in the "teach-in" mode.

Downloading the PC Software

The PC Software for use with the USB Programming Stick can be downloaded from the www.saveonheatingbills.co.uk website.

To begin the download directly type, <http://www.saveonheatingbills.co.uk/helpSupport/downloads.html> into the address line of the Web Browser.

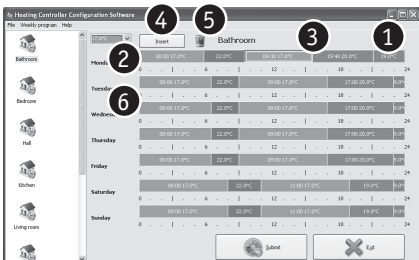
Follow the on-screen instructions when downloading the PC Software.

Using the PC Software

On opening the software, the PC will display the following screen.

Introduction

The user-friendly PC software allows the easy creation of weekly heating programs for each Terrier i-Temp PRC. A variety of profiles can be created and saved.



Note:

The submit button is not active. This indicates that the USB Programming Stick is not plugged in.

1

File Weekly program



Bathroom



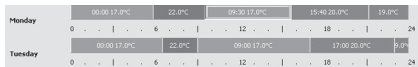
Bedroom

Weekly programs

The weekly programs which have been saved to the software memory are listed in the left-hand column. Weekly programs can be modified or deleted and new programs can be added. Select "Add" from the "Weekly program" menu to create a new program or select a template.

2 Temperatures and time intervals

The selected weekly program appears on the screen; each day of the week is displayed with a separate timeline. The timelines for a day can be divided into up to 7 intervals with different timings and temperature settings.



3



To change the temperature

To change the temperature setting for a time interval, select the time segment by clicking on it and select a new temperature from the drop-down list at the top of the screen.

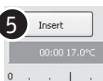
4



To change the times

To change the switching times, click the end or beginning of the interval and drag accordingly until the desired time and temperature are displayed in each interval.

5



Adding an interval

To add an interval, first select an interval. Click the Insert button to split the selected interval.

6



To delete an interval

Select the interval to be deleted, hold down the left mouse button and drag the interval to the waste basket (drag & drop) at the top of the screen.

7

Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	
Sunday	

To copy a day

The temperature and time settings for one day can be copied to another day. To do this, select the day to be copied using the mouse, hold down the left mouse button and drag to the target day (drag & drop).



Note:

Double click on the name to edit room title.

Bathroom

Note:

The submit button is not active. This indicates that the USB programming stick is not plugged in.


Data Transfer

To enable the PC program to send data, the USB Programming Stick must be plugged into the PC's USB port and detected. If the USB Programming Stick is not correctly installed the send button will be greyed out.

When pressing send, only the weekly program currently displayed will be transmitted to the Terrier i-Temp PRC wirelessly. To enable the weekly program to be received, the Terrier i-Temp PRC must have the "teach-in" function activated as described overleaf.

Activating the “teach-in” function to your Terrier i-Temp PRC

1




Terrier Configuration Software
Bathroom

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
18.00°C	18.00°C	18.00°C	18.00°C	18.00°C	18.00°C	18.00°C
18.00°C	18.00°C	18.00°C	18.00°C	18.00°C	18.00°C	18.00°C
18.00°C	18.00°C	18.00°C	18.00°C	18.00°C	18.00°C	18.00°C
18.00°C	18.00°C	18.00°C	18.00°C	18.00°C	18.00°C	18.00°C
18.00°C	18.00°C	18.00°C	18.00°C	18.00°C	18.00°C	18.00°C
18.00°C	18.00°C	18.00°C	18.00°C	18.00°C	18.00°C	18.00°C

Submit

Select your program times and temperature (the submit button will be inactive)

2



Insert USB transmitter stick into PC/Laptop USB port, the Submit button will activate (DO NOT SELECT)

3



12:38 21.08
18.00°C
Auto
0 6 12 18 24

Press and hold OK for 3 seconds


4



30
0 6 12 18 24
MENU OK

You will see the “teach in” countdown from 30 seconds


5



22.0°C 11:00 17.0°C
12
Submit

Within the 30 seconds terrier i-Temp countdown press SUBMIT button on the software to activate “TEACH IN”

6



12:38 21.08
18.00°C
Auto
0 6 12 18 24
MENU OK

After a few moments the i-Temp will be set with the new program. Note to change for new programs the same process must be followed

Teaching out the USB from your Terrier i-Temp

To indicate that the Terrier i-Temp has successfully “taught out” the accessory, the display returns back to the normal view.



Hold down the
“Menu” button for
3 seconds until
“Pro” appears



Use thumb wheel
to select “del”
Press OK



“ACC” will appear
Press OK

Note: All accessories will be “taught out” when using this function.

Trouble Shooting

If no data is being sent from the USB Programming Stick to the Terrier i-Temp PRC, the following can be checked:

Range

Ensure that the Terrier i-Temp PRC is located within the wireless range of the USB Programming Stick.

Note: The range of transmission within buildings can differ greatly from that available in “open air”. Factors such as the structural make-up of the building and high levels of humidity can compromise the transmission.

“teach-in” function

Ensure that the Terrier i-Temp PRC has the “teach-in” function activate before the submit button is pressed.

PC Software

Data cannot be transmitted to the Terrier i-Temp PRC unless the PC software has been installed and activated.

USB Programming Stick

The USB Programming Stick must be plugged into the USB port on the PC to activate the submit button on the software. The operating system will detect the USB Programming Stick automatically.

USB Programming Stick not automatically detected

If in the unlikely event that PC is unable to find the USB Programming Stick, it can be looked for using the Windows Device Manager:

The device will be listed as an “HID-compliant device” under “Human Interface Devices”.

With the Device Manager open you can unplug the USB Programming Stick from the PC and plug it back in again. It should now appear on the list of devices.

If an “!” appears in front of the device, then try updating the Windows drivers.

For additional information please refer to Windows Help on the PC.

Technical Information

System Requirements

Windows® XP, Windows Vista™, Windows 7

USB Connection. You should ensure that you always have the latest updates for you Windows operating system installed on your PC.

Information on radio operation

Radio transmission is performed on a non-exclusive transmission path. Which means that there is a low possibility of interference occurring. The range of transmission within buildings within buildings can vary greatly from “open air” distances. As well as the transmitting power and reception characteristics of the devices; environmental influences such as humidity and obscuring structures can also weaken the strength of the signal.

Pegler Yorkshire hereby declares that this device conforms to the essential requirements and other relevant regulations of Directive 1999/5/EC.

You can find the full declaration of conformity at:
www.saveonheatingbills.co.uk

Safety Instructions

These devices are not toys:

Do not allow children to play with them.

Do not leave packaging material lying around.

Do not open the device – it does not contain any serviceable components.

In the event of an error, please contact Pegler Yorkshire Limited.

Disposal

Do not dispose of the device with regular domestic waste.

Electronic devices must be disposed of in accordance with the Waste Electrical and Electronic Equipment Directive via local disposal points for electronic waste.

CE The CE mark is a free trade sign addressed exclusively to the authorities and does not warrant any properties.

Technical properties:

Power Supply:	USB Connection
Batteries:	2 x LR44
Transmission Frequency:	868.3 MHz
Transmission range:	10m (in open air)
USB Dimensions:	23 x 9 x 81mm (W x H x D)

We reserve the right to make any technical changes that constitute an improvement to the device.



Pegler Yorkshire

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Technical Help line No. 0800 156 0050