### Document Reference Number

40228

## THERMOTOR LIMITED

VAS BT ET

# MANUAL

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#### 1 Introduction

This document describes the operation of the Bluetooth VAS PC software. This software provide functions for connecting to a Bluetooth VAS, adjusting the time and date, and uploading and downloading log and configuration files.

#### 2 Installation

This section describes the software installation process.

#### 2.1 Setup.exe

Locate the setup.exe file on your CD d:\vasbtetsetup\ and run it.



#### 2.2 First Screen

Click Next to begin the installation process.

🚰 ¥asBtEtSetup			
Welcome to the V	/asBtEtSetup Set	up Wizard	
The installer will guide you thr	ough the steps required to ins	tall VasBtEtSetup on yo	ur computer.
WARNING: This computer pr Unauthorized duplication or d or criminal penalties, and will t	ogram is protected by copyrig istribution of this program, or a be prosecuted to the maximum	ht law and international I ny portion of it, may resu n extent possible under t	treaties. Ilt in severe civil he law.
	Cancel	<u> </u>	<u>N</u> ext >

#### 2.3 Select Location

Select the installation directory or use the default directory and click next.

VasBtEtSetup	
Select Installation Folder	
The installer will install VasBtEtSetup to the following folder.	ana
To install in this folder, click "Next". To install to a different folder, enter it b	elow or click "Browse".
<u>F</u> older:	
Eolder: C:\Program Files\Thermotor Ltd\VasBtEtSetup\	B <u>r</u> owse
Eolder: C:\Program Files\Thermotor Ltd\VasBtEtSetup\	B <u>r</u> owse Disk Cost
Eolder: C:\Program Files\Thermotor Ltd\VasBtEtSetup\	B <u>r</u> owse Disk Cost
Eolder: C:\Program Files\Thermotor Ltd\VasBtEtSetup\ Install VasBtEtSetup for yourself, or for anyone who uses this computer:	B <u>r</u> owse <u>D</u> isk Cost
Eolder: C:\Program Files\Thermotor Ltd\VasBtEtSetup\ Install VasBtEtSetup for yourself, or for anyone who uses this computer: © Everyone	B <u>r</u> owse <u>D</u> isk Cost

#### 2.4 Confirm

Confirm the installation details and click next.

🖶 VasBtEtSetup			
Confirm Installation			
The installer is ready to install VasBtEtSetup	o on your compute	ı.	
Click "Next" to start the installation.			
	Cancel	< Back	
			L Heat >

#### 2.5 Installing

The program is being installed please wait for it to complete.

🙀 ¥asBtEtSetup			
Installing VasBtEtSetu	р		
VasBtEtSetup is being installed.			
Please wait			
	Cancel	< <u>B</u> ack	Next >

#### 2.6 Complete

The installation is complete, click close.

🖥 VasBtEtSetup					
Installation Complete					<b>1</b>
VasBtEtSetup has been successfully inst	alled.				
Click "Close" to exit.					
Please use Windows Update to check fo	or any critical up	dates to the	.NET Fram	nework.	
	Cancel		z Rock		
	Lance		< Dack		

#### 3 Getting Started

Locate the programs icon in your start menu. It should be located at start > program files > Thermotor > VasBtEt > VasBtEt.



#### 4 Connecting

This is the main screen of the program. The top area controls the connection of Bluetooth devices and the bottom section has the setting, upload and download functions. First click the Find button to search for and display a list of available Bluetooth devices.

Bluetooth Com P	ort								
	Bluetooth Com Port								
If you cannot connect to your bluetooth sign using the bluetooth controls.									
Please create a bluetooth com port.									
Find	8	8	8	8	8	8			
Pair	VAS-094F	VAS-86A9	VAS-8730	ISIS Mk2-8740	RN42-D	DaveBB			
Connect									
	▲32								
Disconnect									
Time Files C	Com								
Get Time 0 Set Time 9	âet Date Set Date								

Select the device you wish to connect to from the available options. If the device isn't displayed make sure the VAS is turned on and press the Find Button again. All VAS signs should be named VAS-XXXX where XXXX is the mac code for the sign. This naming convention should make it easy for you to distinguish your VAS signs from mobile phones and laptops.

🔜 Thermotor VA	S BT ET					_ 🗆 🗡		
Bluetooth Com Port								
If you cannot connect to your bluetooth sign using the bluetooth controls.								
Please create a bluetooth com port.								
Find	8	8	8	8	8	8		
Pair	VAS-094F	VAS-86A9	VAS-8730	ISIS Mk2-8740	RN42-D	DaveBB		
Connect	6							
Discourses	A32							
Disconnect								
· · · · · · · · · · · · · · · · · · ·								
Time Files 0	Com							
Get Time	Get Date							
Set Time	Set Date							

Once the device is selected, click the Connect button to connect to your select device.

🔡 Thermotor V/	AS BT ET					_ 🗆 🗵		
Bluetooth Com Port								
If you cannot connect to your bluetooth sign using the bluetooth controls.								
Please create a l	bluetooth cor	n port.						
Find	VAS-094F	8 VAS-86A9	8 VAS-8730	ISIS MF2.9740	8 RN42-D	😮 DaveBB		
Connect Disconnect	8 A32			MK2-0740				
Time Files Get Time Set Time	Com							

Once the device is connected its icon will turn green to indicate a successful connection.

🔡 Thermotor VA	S BT ET							
Bluetooth Com Port								
If you cannot connect to your bluetooth sign using the bluetooth controls.								
Please create a b	Please create a bluetooth com port.							
Find	8	8	8	8	8	8		
Pair	VAS-094F	VAS-86A9	VAS-8730	ISIS Mk2-8740	RN42-D	DaveBB		
Connect								
Connoor	▲32							
Disconnect	102							
Time Files (	Com							
Get Time0	Get Date							
Set Time	Set Date							

#### 5 Date/Time

This first tab Time has controls for reading and writing the signs date and time settings.

#### 5.1 Get Time

Pressing the Get Time button will get the current time setting from the sign.

🛃 Thermotor VA	S BT ET					_ 🗆 🗡		
Bluetooth Com Port								
If you cannot connect to your bluetooth sign using the bluetooth controls.								
Please create a bluetooth com port.								
Find	8	8	8	8	8	8		
Pair	VAS-094F	VAS-86A9	VAS-8730	ISIS Mk2-8740	HN42-D	DaveBB		
Connect	6							
Disconnect	A32							
Disconnect								
Time Files 0	Com							
10:24								
Get Time 0	Get Date							
Set Time	Set Date							

#### 5.2 Set Time

Pressing the Set Time button will set the sign to the time in the text box. If the time retrieved from the sign is incorrect you can edit it in the text box to specify the new time.

#### 5.3 Get Date

Pressing the Get Date button will get the current date setting from the sign.

🔡 Thermotor ¥A	S BT ET							
Bluetooth Com Port								
If you cannot connect to your bluetooth sign using the bluetooth controls.								
Please create a bl	luetooth com	n port.						
Find	8	8	8	8	8	8		
Pair	VAS-094F	VAS-86A9	VAS-8730	ISIS Mk2-8740	RN42-D	DaveBB		
Connect	ø							
Discourse	2 A32							
Disconnect								
·								
Time Files C	Com							
10:24 24	07-12							
Get Time	et Data							
	Set Date							

#### 5.4 Set Date

Pressing the Set Date button will set the signs date to the date entered into the text box. If the date retrieved from the sign is incorrect you can edit it in the text box to specify the new date.

#### 6 Files

The Files tab allows the user to view the files currently on the signs internal memory. From this screen the user can upload, download and delete files.

There will be several file type on your VAS sign. These include .log files which record activation information, .ini files which store the signs configuration and .vtf for calendar configuration files

🔡 Thermotor ¥A	S BT ET				
Bluetooth Com Port					
If you cannot connect to your bluetooth sign using the bluetooth controls.					
Please create a b	pluetooth com port.				
Find Pair	Image: Second system         Image: Se				
Connect Disconnect	8 A32				
Time Files (	Com				
List Dir	Download File from VAS Upload File to VAS Delete File from VAS				
File	Size				
24-07-12.CSV	192 bytes				

Press the List Dir button to update the file list.

#### 6.1 Download

Select a file from the list and press the Download File from VAS button to trigger the download process. First you will be asked to select how you want to save file using the Save As dialog box.

Save As				? ×
Save jn:	🗁 _stuff	•	G 🦻 📂 🖽	
My Recent Documents Desktop My Documents My Computer	<ul> <li>_projects</li> <li>_VAS</li> <li>AddressPlugProgrammer</li> <li>Sim</li> <li>TX25_BSPv18B_WCE60.4</li> <li>AddressPlugProgrammer</li> <li>AddressPlugProgrammer</li> <li>AddressPlugProgrammer</li> <li>TEST-BB.TXT</li> <li>TEST-BB.TXT</li> <li>TEST-BBc.TXT</li> </ul>	TEST-CCX.TX TX25_BSPv18 fi1 rar _1.rar _2.rar	T 3B_WCE60.di1.zip	
My Network Places	File <u>n</u> ame: <b>24-07-1</b> 2	2.CSV	•	<u>S</u> ave
	Save as type:		<b>_</b>	

After saving the file the program will begin downloading. When the download is complete a dialog box will be displayed.



#### 6.2 Upload

Selecting the Upload File to VAS button will allow you to upload a file to the sign. After selecting a file the file will be uploaded to the VAS, a progress bar will show the progress of this upload.

🔡 Thermotor VA	AS BT ET	×		
Bluetooth Com Port				
If you cannot con	nnect to your bluetooth sign using the bluetooth controls.			
Please create a b	bluetooth com port.			
Find	8 8 8 8 8			
Pair	VAS-094F VAS-86A9 VAS-8730 ISIS RN42-D DaveBB Mk2-8740			
Connect	8			
Disconnect	A32	L		
Time Files (	Com			
List Dir	Download File from VAS Upload File to VAS Delete File from VA	s		
File	Size	-		
24-07-12.CSV	192 bytes			
		1		
		1		
		1		
		_		

Once the upload is complete press the List Dir button to update the file list and show the new file.

🔡 Thermotor VA	AS BT ET				
Bluetooth Com Port					
If you cannot con	nnect to your bluetooth sign using the bluetooth controls.				
Please create a b	pluetooth com port.				
Find					
Pair	VAS-094F VAS-86A9 VAS-8730 ISIS RN42-D DaveBB				
	MK2-0740				
Connect	8				
Disconnect	A32				
Time Files I	Com 1				
List Dir Download File from VAS Upload File to VAS Delete File from VAS					
File	Size				
24-07-12.CSV	192 bytes 140398 bytes				
1231-00.171	140330 Bytes				

#### 6.3 Delete

Selecting the Delete File from Vas button will allow you to delete a file from the sign. The selected file from the list will be deleted and you must press List Dir to update the file list.

### Appendix 1

Issue A	Draft for comment	Date 06 Jun 12
Issue B	Minor changes	Date 20 Aug 12