# Windows XP.. ELITE Firmware Update procedures.. v1.41

## Download and Extract the ELITE update.

**Note..** Please ensure you are logged in to Windows as an Administrator before carrying out the instructions in this document.

If you have not already done so, please download the ELITE v1.41 update from the following page.. <u>http://www.hornby.com/downloads/hornby-digital-firmware-and-drivers/</u>

It is recommended that you save the downloaded file (Elite\_V1\_41-Update.zip) to the Windows "Desktop." Right click the file and select "Extract All" from the menu.



Left click "Extract All" to start the extract procedure



Extraction Wizard		×
Select a Destinati Files inside the Z choose.	on P archive will be extracted to the loc	cation you
-	Select a folder to extract files to Files will be extracted to this dir	o. ectory:
	d Settings\PC Admin\Desktop	\Elite-v1.41-Update
		Browse
		Password
3	Extracting	R
	1	
	< Back N	lext > Cancel

Ensure that the Windows Desktop is selected in the "browse box" .. click "Next".. the file will be extracted to the Windows Desktop...

Extraction Wizard	×
Extraction Complete Files have been su	ccessfully extracted from the ZIP archive.
	Files have been successfully extracted to the following directory: C:\Documents and Settin\Elite-v1.41-Update To see your extracted files, check the box below: ☑ Show extracted files Press finish to continue.
	< Back Finish Cancel

Click "Finish" ..

Windows XP will display the new folder containing the unzipped files as being embedded in the original downloaded file.. i.e. like this..



Double click the extracted "Elite v1.41 Update" folder to display the content of the update.



Please note depending on your Windows setup some icons may differ from above.. However, the file names will be the same as shown in this example.

You are now ready to carry out the ELITE update procedure.. see the following section for more details.

## Carrying out the ELITE update..

The ELITE update procedure is made up of two stages. Stage one involves the installation of the ELITE driver software on your PC. The driver software allows your PC to communicate with the ELITE. Stage two is the actual ELITE firmware update.

**NOTE**: If you have previously used this PC to update your ELITE or, have used the PC to run **Hornby RailMaster**, the required drivers have already been installed.. **please skip Stage 1 and move on to Stage 2.. the actual ELITE firmware update procedure described on page 10**.

# **Stage 1**, Installation of the ELITE PC Driver software.

If required, please follow the entire procedure below...

**1**, In the "Elite V1.41 Update" folder double Left Click the shortcut "Device Manager XP and NT" .. this will start the "Device Manager" which will be used later in the procedure.



**2**, Connect your ELITE to the PC with a USB cable. Connect the ELITE power supply.. and turn on the power.

Windows will now detect the new hardware (the ELITE) and will start the driver installation procedure. When the ELITE is initially plugged in Windows may display system information messages at the bottom right of the screen referring to new hardware detected etc.

These messages will then fade out... this is normal. Windows will now start the "Found New Hardware Wizard" .. see next page.



Please ensure that "No, not this time" is selected in the search options section of the dialogue box.. and click "Next."

When the ELITE is initially detected it is shown as CSC RS-232 Emulation Demo.. i.e. the following Windows dialogue box is displayed.



Please ensure that "Install from a list or specific location (Advanced) is selected in the "What do you want the Wizard to do?" section of the dialogue box.. and click "Next"

The following Window will now be displayed..

Search for the best driver in these locations.	
Jse the check boxes below to limit or expand the baths and removable media. The best driver found	default search, which includes local d will be installed.
Search removable media (noppy, CD-NOM)	]
D:\	Browse
Don't search. I will choose the driver to install.	
Choose this option to select the device driver from he driver you choose will be the best match for yo	ra list. Windows does not guarantee our hardware.
	Search for the best driver in these locations. Use the check boxes below to limit or expand the paths and removable media. The best driver found Search removable media (floppy, CD-ROM. ✓ Include this location in the search: D:\ Don't search. I will choose the driver to install. Choose this option to select the device driver from the driver you choose will be the best match for you

Un-tick the "Search removable media" option, and tick the "Include this location" option.. Click the "Browse" button and navigate to the ELITE v1.41 Update folder on your Desktop.. see below...

Found New Hard Please chore	ware Wizard See your search and installation ontions Browse For Folder [?] Select the folder that contains drivers for your hardware.	×
ເ⊂ Sea Use path Γ Γ O Dor	<ul> <li>Desktop</li> <li>My Documents</li> <li>My Computer</li> <li>My Network Places</li> <li>My Network Places</li> <li>elite grabs</li> <li>Elite-v1.41-Update</li> <li>Elite v1.41 Update</li> </ul>	cludes local
Chor the c	To view any subfolders, click a plus sign above.          OK       Cancel         < Back	ot guarantee that

#### Click "OK"

The location of the update folder now appears in the dialogue box.. see below.

ar	and i	insta	allati	on opl	ions.				EV.
er in	in the	ese la	ocatio	ons.					
low dia.	w to l a. Th	limit o he be	or exp ist driv	and the	e defaul id will b	t searcl e install	n, whicl ed.	h inclu	ides local
e me	media	a (flop	opy, C	D-ROM	1)				
on I	n in th	he se	arch:	-	-	-			
id S	Setti	ings\	PC A	dmin\D	esktop\	Elit 💌		Brows	e
se t	e the	anve	er to ir	nstall.			F.		
ect	t the	e devi	ice dr	iver fro	n a list.	Windo	ws doe	es not g	guarantee t
ii De	De lí li	ie Des	semae	ch for y	our nan	Jvvare.			
				. 5		l N		1 1	Canaal
				< E	ack		N	Next >	Next >

Click "Next" The following Warning Message will be displayed..

Found New Ha	ardware Wizard	
Please wa	ait while the wizard installs the software	
Ą	R8214 Homby Elite	
Hardware	Distallation	1
rial oware		
	The software you are installing for this hardware:	
	R8214 Homby Elite	
	has not passed Windows Logo testing to verify its compatibility with Windows XP. ( <u>Tell me why this testing is important.</u> )	Cancel
	Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.	
	Continue Anyway STOP Installation	

Click "Continue Anyway" ... The ELITE driver will now install..

und New Hardware Wizard			
Please wait while the wizard installs	the software	8	E Com
B8214 Hornby Elite			
Ď	7	D	
usbser.sys To C:\WINDOWS\syste	m32\DRIVERS		
	< Back	Nevts	Cancel

When the ELITE driver installation has completed the following screen is displayed.

Found New Hardware Wizard	
	Completing the Found New Hardware Wizard The wizard has finished installing the software for: R8214 Homby Elite
	Click Finish Colose the wizard.
	< Back Finish Cancel

Click "Finish"

Now look at the "Device Manager" window that you opened at the beginning of Stage 1.. driver installation...



Note the new entry under "Ports (COM LPT)"

The ELITE driver has now installed correctly.

Make a note of the COM number.. in this case it is COM4. You will require the COM number in order to install the firmware update to the ELITE. See next section... Stage.. 2

#### If you wish you may now close the Device Manager.

# **Stage 2,** Updating the ELITE firmware..

#### Starting the ELITE in "upload mode" and Connect to your PC..

With the ELITE unpowered.. Hold the "STOP" button and plug the power cable in, keep holding the "STOP" button for 15 seconds.

Release the "STOP" button and wait for 15 seconds.

Plug in the USB cable and wait for 15 seconds.

## Start the Update process..

**Note: Windows XP:** When running the ELITE v1.41 set up ensure that you are logged in as the PC administrator.

1, Browse to the "Elite V1.41 Update" folder and **double** left Click the file..

#### "ELITE V1\_41 UPDATER.exe"



If Windows is up to date then the ELITE V1.41 Updater will run as normal.. **Jump to page 18.** 

However, if Windows is not completely up to date the following error message may be displayed.. see page 11...

### WINDOWS may in some cases display an error message..



If the Windows Update system has not updated certain components of Windows; you will need to manually update the .NET Framework component. This is unavoidable in order to carry out the update procedure of the ELITE. Please note this is a factor outside of Hornby's control and affects installation of other software applications etc. from other manufacturers. i.e. it is not unique to Hornby.

Updating is straight forward and explained in the procedure below..

## How to update the .NET Framework component.

Start Internet Exporer and click "Safety" .. From the drop down menu select and click "Windows Update" see below.



You will now be taken to the Microsoft Windows Update web-site.

The update system will make a check to see if you computer has the latest version of the Windows Updating Software.. this is usual.



If the Windows Update Software requires updaing the following will be displayed. **If the Windows Update Software is up to date... please continue on page 14..** 



### Click "Install Now"

Security warning message will be displayed Click "Install"
--

Alternation (Mindows Update	e - Windows Internet Explorer	-O×
😋 💿 🗢 🐚 http://www.u	update. <b>microsoft.com</b> /windowsupdate/v6/defa 💌 😣 🚱 🔀 🔎 Yahoo! Search	P -
File Edit View Favorites	Tools Help	
🙀 Favorites 🛛 🙀		
🍓 Microsoft Windows Update 🃊	nternet Explorer - Security Warning	ols + 🔞 + 👋
Windows Update Windows Family   Window Windows Update Home	Do you want to install this software?       e   Worldwide         Name: Windows Update       ort         Publisher: Microsoft Windows Component Publisher       iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	<u>60</u>
Options Review your update history Restore hidden updates Change settings FAQ	your computer. Only install software from publishers you trust. <u>What's the risk?</u> The website uses ActiveX controls to determine which version of the software your computer is running an ActiveX warning, make sure the control is digitally signed by Microsoft before installing it or allowing is a first of the software installing it or allowing is a software installing it or allowing is a software warning.	. If you see t to run.
Get neip and support	nent.	oment
© 2012 Microsoft Corporation. A	All rights reserved. Terms or Use   Trademarks   Privacy Statement	1000
Done		100% * //

The following will be displayed..

All Microsoft Windows Update - Windows Internet Explore	r _ D X
CO O V Nttp://www.update.microsoft.com/windowsup	date/v6/defa 🔽 🗟 🐓 🗙 🔎 Yahoo! Search
File Edit View Favorites Tools Help	
🖕 Favorites 🛛 🛵	
Nicrosoft Windows Update	🔓 🔹 🔂 👻 🖃 🖶 💌 Page 🔹 Safety 🔹 Tools 🔹 🔞 🔹 🎽
	Quick Links   Home   Worldwide
At Windows	Search Microsoft.com for:
Windows Update	
Windows Family   Windows Marketplace   Office Fam	ily   Microsoft Update
Windows Update Home Windows Update 1000	ate is downloading and installing the updated software
Options	<b>0</b> V
Review your update history	
Restore hidden updates	
Change settings	
FAQ	
Get help and support	
<u>Windows Update Privacy Statement</u> © 2012 Microsoft Corporation. All rights reserved. <u>Terms of Use</u>	Trademarks Privacy Statement Microsoft
Done	💽 Internet 🖓 🔹 🕄 100% 🔹 🎢

Once the Windows Update Software has been downloaded and installed you will be taken to the usual Windows Update Pages.. see next.

On the Windows Update page click "Custom"

🤇 Microsoft Windows Update - Wind	lows Internet Explorer				<u>_    ×</u>
🕒 💿 🔻 🐚 http://www.update.n	nicrosoft.com/windowsupdate/v6/de	efa 💌 🗟 😽 🗙	🎾 Yahoo! Sea	rch	P -
File Edit View Favorites Tools	Help				
🔆 Favorites 🛛 👍					
🌯 Microsoft Windows Update		🙆 ·	• 🗟 • 🖃 🖷	🛛 🕶 Page 🕶 Safety 🕶 Too	ls + 🔞 + 🕺
			Quick Link	s   Home   Worldwide	
Windows			Search Microso	oft.com for:	
			1		GO
Windows Update					
Windows Family   Windows Marke	stplace   Office Family   Mic	crosoft Update			- Com
Windows Update Home	Express Get high-pri (recom	iority updates [] <b>nded]</b>		Upgrade to Microsoft Update. Automatically receive updates for Windows, Office and more	
Options	Custom Select from	optional and high-			_
Review your update history	priority upd	lates for Windows			
Restore nidden updates					
EAO	Concerned about privacy? V information about your compute	When you check for upo er, not you, is used to d	dates, basic letermine which		
Cathele and support	updates your programs need. To	o learn more, see our p	rivacy		
	statement.				
Windows Update Privacy Statement					
© 2012 Microsoft Corporation. All rights	reserved. <u>Terms of Use</u>   <u>Tradema</u>	rks   Privacy Statemer	<u>it</u>	Mic	rosoft
			C Tabaural		100%
	J.		The meetine	· ]	10070 +

The Windows Update system will now check for updates for your computer..

Microsoft Windows Update - Windows Internet Explorer		
😋 😔 🗢 📘 http://www.update. <b>microsoft.com</b> /windowsupda	ate/v6/defa 🔽 🐼 🛠 🔎 Yahoo! Search	<del>،</del> ۹
File Edit View Favorites Tools Help		
🌽 Favorites 🛛 🚖		
🌯 Microsoft Windows Update	🏠 🔹 🔜 👻 🖃 🖶 👻 Page 🔹 Safety 👻 Tools 🔹	<b>@</b> - <sup>3</sup>
	Quick Links   Home   Worldwide	
Nindows 🖉	Search Microsoft.com for:	Go
Windows Update		
Windows Family   Windows Marketplace   Office Family	y   Microsoft Update	
Windows Update Home Checking for the computer	he latest updates for your automatically. Pick a time to install updates.	
Options Review your update history Restore hidden updates Change settings FAQ	Vpgrade to Microsoft Upgrade to Microsoft Update. Automatically receive updates for Windows, Office and more	
Get help and support		
© 2012 Microsoft Corporation. All rights reserved. <u>Terms of Use</u>   1	Trademarks   Privacy Statement Micros	soft
	Internet	% •

When the search for updates has completed.. click the "Software, Optional button"  $\ldots$  see below  $\ldots$ 

A list of updates will appear in the main window on the page.. scroll through them until the .NET Framework appears..



Make sure that the .NET Framework update is selected i.e. there is a "dot in the little circle" next to the name of the update.. see above.

Now scroll to the top of the update page.. Click "Review and install updates"

🖉 Microsoft Windows Update - W	indows Internet Explorer		
🕒 🕞 🗢 🐚 http://www.updat	e. <b>microsoft.com</b> /windowsupdate/v6/de	fa 🔽 😣 🐼 🔎 Yahoo! Search	<b>P</b> -
File Edit View Favorites Too	s Help		
🔆 Favorites 🛛 🚖			
🌯 Microsoft Windows Update		🏠 🔹 🔂 🔹 🖃 🖶 🔹 Page 🔹 Safety 🔹 Tools 🔹	<b>@</b> • *
		Quick Links   Home   Worldwide	
Mindows		Search Microsoft.com for:	Go
Windows Lindate			
Windows Family   Windows Ma	rketplace   Office Family   Micr	rosoft Update	
Select by Type High Priority (41)	🚽 🎝 Customi	ze your results	-
Software, Optional (8) Hardware, Optional (2)	Select Optional Soft	ware Updates your computer's security or performance but they can improve how some ork. To help protect your computer, make sure you install all high-priority	
Options	updates.		
Review your update history	Review and install updates	Total: 1 updates , 28.9 MB , 1 mi	nute
Restore hidden updates			
Change settings	· [ • ]		
Windows Update Privacy Statement			
© 2012 Microsoft Corporation. All righ	ts reserved. <u>Terms of Use</u>   <u>Trademar</u>	ks Privacy Statement Micro	soft
avascript:parent.fnDisplayBasketUpda	:es();	🛛 🕞 Internet 🖉 🙀 10	0% - //

## You will be taken to the "Review and Install Updates" page..

🖉 Microsoft Windows Update - Windows Internet Exp	lorer
😋 😔 💌 🐚 http://www.update.microsoft.com/windo	wsupdate/v6/defc 💌 🔯 😽 🔀 🎾 Yahoo! Search
File Edit View Favorites Tools Help	
🙀 Favorites 🛛 🛵	
🌯 Microsoft Windows Update	🎦 🔹 🔂 🔹 🖃 👘 🔹 Page 🔹 Safety 🔹 Tools 🔹 🔞 🔹
	Quick Links   Home   Worldwide
Nindows 🗧	Search Microsoft.com for:
Windows Update	
Windows Family   Windows Marketplace   Office	Family   Microsoft Update
Select by Type High Priority (41)	istomize your results
Software, Optional (8) Review an	d Install Updates
Hardware, Optional (2)	s Download size (total): 28.9 MB
Options	Esumated time at your connection speed; 1 minute
Review your update history This updat	e must be installed separately
Restore hidden updates After you ins	tall it, remember to check again for any more updates your computer might
Change settings	
Windows Update Privacy Statement	
© 2012 Microsoft Corporation. All rights reserved. <u>Terms of</u>	Use   Trademarks   Privacy Statement Microsoft
Done	📔 📄 💽 Internet

Click "Install Updates" .. the following will be displayed..

Microsoft Windows U	pdate - Windows Internet Explorer	- <b>D</b> ×
😋 💿 🗢 🚺 http://	www.update. <b>microsoft.com</b> /windowsupdate/v6/defa 🗾 🗟 🐓 🗙 🔎 Yahoo! Search	P -
File Edit View Favo	rites Tools Help	
🙀 Favorites 🛛 🙀	Installing Updates	×
Section 2017 Microsoft Windows	The updates are being downloaded and installed	/ + Tools + @ + <sup>»</sup> lwide
all Window 🖉	Installation status:	<u>Go</u>
Windows Upda Windows Family	Downloading Microsoft .NET Framework 4 Client Profile for Windows XP x86 (KB982670) (update 1 of 1)	
Select by Type High Priority (41)	×	
Software, Optional ( Hardware, Optional (	Downloading: 1.90 MB of 28.80 MB	
Options Review your update		
Restore hidden upda Change settings	Cancel	puter might
Windows Update Privacy : © 2012 Microsoft Corpora	<u>Statement</u> tion. All rights reserved. <u>Terms of Use</u>   <u>Trademarks</u>   <u>Privacy Statement</u>	Microsoft
-	Internet	👍 • 🔍 100% • //

Please be patient...

The following will be displayed..

Microsoft Windows U	pdate - Windows Internet Explorer	<u> </u>
😋 🕞 🗢 💊 http://	www.update. <b>microsoft.com</b> /windowsupdate/v6/defa 🗾 🗟 🔧 🔀 🗡 Xahoo! Search	<u>- ۹</u>
File Edit View Favo	rites Tools Help	
🔆 Favorites 🛛 🔒	Installing Updates	×
Microsoft Windows I	The updates are being downloaded and installed	/ + Tools + @ + <sup>≫</sup> Ivide
💐 Windov	Installation status:	Go
Windows Upda Windows Family	Downloading Microsoft .NET Framework 4 Client Profile for Windows XP x86 (KB982670) (update 1 of 1) done! Initializing installation done! Installing Microsoft .NET Framework 4 Client Profile for Windows XP x86 (KB982670) (update 1 of 1)	
High Priority (41) Software, Optional (		
Hardware, Optional (	Installing:	
Options Review your update	k	
Restore hidden upda Change settings	Cancel	
Windows Update Privacy S © 2012 Microsoft Corpora	itatement tion. All rights reserved. <u>Terms of Use</u>   <u>Trademarks</u>   <u>Privacy Statement</u>	Microsoft
	Internet	🖓 • 🔍 100% • //

Please be patient..

Finally...

Aicrosoft Windows	Update - Windows Internet Explorer	_ 🗆 ×
🕒 🗢 💌 http:/	/www.update. <b>microsoft.com</b> /windowsupdate/v6/defa 💌 😣 🐓 🔀 🔎 Yahoo! Search	P -
File Edit View Fav	orites Tools Help	
🙀 Favorites 🛛 🙀	4 Installing Updates	×
Microsoft Windows I		/ + Tools + @ + <sup>≫</sup> Iwide
Windows Upda		Go
Windows Family		
Select by Type High Priority (41)		-
Software, Optional (		
Hardware, Optional (	N	
Options Review your update	hŝ	
Restore hidden upda Change settings	Configure automatic updates Close	puter might
Windows Update Privacy © 2012 Microsoft Corpor	Statement ation. All rights reserved. <u>Terms of Use</u>   <u>Trademarks</u>   <u>Privacy Statement</u>	Microsoft
	Internet	👍 🕶 🔍 100% 💌 //.

Please click "Close"

The ELITE update procedure will now run... please go to page 18.

# Updating the ELITE v1.41 Firmware.. Continued..

Browse to the "Elite V1.41 Update" folder and **double** left Click the file..

### "ELITE V1\_41 UPDATER.exe"

Note.. If you have just carried out an update of .NET Framework, the updater may already have run automatically.. The following Window will now be displayed.



Left Click the "Next" Button.. the following window will be displayed..

Firmware Versi	on: 1.41		$\searrow$	HORNBY
Warning: This copyright law. distribution of t All rights reserv	computer prog Unauthorized his program is /ed.	gram is protecte reprouction or not allowed.	d by	J.J.
Port: COM4		<b>•</b>		DIGITAL
Please COM3 conne COM2 COM1		is		<b>v</b>  .4
LUM4		_	<b>D</b> 1	

From the "Port" drop down list Left Click the COM number noted previously in the "Device Manager" e.g. COM4 in our example.



Left Click the "Download" Button to start the ELITE update process.

As the update process runs the following Window will be displayed showing a "Progress Bar" .

Elite_V1.4		Elite_V1.4	
Process: Downloading	HORNBY	Process: Update Rinished	(HORNBY)
Port: COM4    Please select the COM port that is connected to the Homby Elite	DIGITAL vI.4	Port: COM4  Please select the COM port that is connected to the Homby Elite	VI.4
[	Download Cancel		Finish Cancel

When the update has finished your ELITE will restart.. Left Click the "Finish" button to exit the update procedure....