

User manual

- Driver installation

Nr. 402339 English

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Preface

Communication between the Efka controller and a PC takes place over a USB-RS232 connection. Before the IF232 USB cable can be used, the USB driver must be installed in the PC.

The following description will take you through the installation of the USB driver step by step.

1 Downloading the driver from the Efka Website

Start your Internet browser and enter the following link as the address:

http://www.efka.net/



You can download the file under Downloads/Software/IF232-USB.



A connection to the Efka download server is established.



Save the file on drive "C:".

Speichern unte	r			? 🛛
Speichern in:	🗢 (C:) System	~	3 🗊 📂 🖽 •	
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Extract the stored zip file "AL_SO_IF232-USB-Driver.zip". On drive "C", a folder "IF232-USB-Driver" will be created containing the appropriate driver data.

Now connect the IF232-USB cable to the USB connector of the PC. The following message appears on the PC:



The following request then appears:



Select, "No, not this time". Click "Next"

The following request then appears:



Select the option "Install software from a list or a specific source".

Click "Next".

The following message appears:



Click "Search following source as well", and select the folder "IF232-USB-Driver".

Then click "Next".



The USB driver for IF232-USB has been installed.



Click "Finish".

The following message appears on the PC again:



The following request then appears:



Select, "No, not this time". Click "Next".

The following request then appears for the USB serial port:



Select the option "Install software from a list or a specific source".

Click "Next".



Click "Search following source as well", and select the folder "IF232-USB-Driver".

Then click "Next".



The USB serial port driver for IF232-USB is being installed.



Click "Finish". The notification then appears:



- Your PC is now ready to be connected to the IF232-USB. -

2 Changing the COM port number

After driver installation, Windows specifies a COM port number. For use with the Efka Loader, only COM ports 1 through 4 are permitted.

To check and correct the COM port number, please proceed as follows:

In the System properties, go to Hardware, and click Device manager.

System	Restore	Automa	atic Updates	Remote
General	Comp	uter Name	Hardware	Advanced
Device M	anager			
Ż	The Device M on your compo properties of a	lanager lists all uter. Use the D any device.	the hardware devic evice Manager to c	es installed: hange the
			Device M	lanager
Drivers				
	Driver Signing compatible wil how Windows	lets you make th Windows, W s connects to V	sure that installed o 'indows Update lets /indows Update for	frivers are you set up drivers.
(Driver Signing compatible wil how Windows Driver	lets you make th Windows. W connects to V Signing	sure that installed o 'indows Update lets /indows Update for Windows	frivers are syou set up drivers. Update
Hardware	Driver Signing compatible wil how Windows Driver Profiles	l lets you make th Windows. W connects to V Signing	sure that installed of indows Update lets /indows Update for Windows	frivers are i you set up drivers. Update
EV (Hardware	Driver Signing compatible with how Windows Driver Profiles Hardware prol different hardw	I lets you make th Windows. W s connects to V Signing files provide a (ware configurat	sure that installed o indows Update lets /indows Update for Windows with the set up ions.	trivers are you set up drivers. Update



Check whether the COM port number for the USB serial port is between COM1 and COM4. If so, close the Device Manager and change the Efka Loader to the selected COM port on later downloads.

If the COM port number is higher than COM4, double-click "USB Serial Port (COMx)".

The following window appears:

Seneral	Port Settings	Driver	Details		
	Coursessesses		020202021		
		Bits pe	r second:	9600	~
			Data bits:	8	~
			Parity:	None	~
			Stop bits:	1	~
		Flo	w control:	None	~
			Ad	vanced F	Restore Defaults

Click "Advanced".

The following window appears:

ranced Settings for CO	W4			<u> </u>
COM Port Number:	COM4	~		ОК
	COM1 (in use)	~		
USB Transfer Sizes	COM2 (in use)			Cancel
Select lower settings to corr	COM3 (in use)	d rates.		
	COME			Defaults
Select higher settings for fas	COM6			2
	COM7			
Receive (Bytes):	COM8			
	COM9			
Transmit (Bytes):	COM10			
	COM11			
	COM12			
BM Options	COM14	Miscella	aneous Options	
Select lower settings to corr	COM15		1	-
-	COM16	Serial b	numerator	Ľ
	COM17	Serial P	Printer	-
Latency Timer (msec):	COMIS	Donari	TIRCO	
	COM20	Cancel	If Power Off	
Timeouto	COM21			
Timoodes	COM22	Event	On Surprise Removal	L.
Minimum Road Timoout (mcc	COM23	Cab DT	c on daar	_
minimum keau nineouc (inse	COM24	Sec RT	5 Un Close	- L
Minimum Hubba Time and Anna	COM25	Disable	Modem Ctrl At Startun	_
Minimum while nineouc (inse	COM27			_
	COM28			
	COM29			

Select a port from COM1 to COM4 and click "OK".

To reach a higher speed for the flash update change the waiting period on 1ms and click on "OK".

	12 			<u></u>
COM Port Number:	COM4		~	ОК
USB Transfer Sizes				Cancel
Select lower settings to c	orrect performance prob	blems at lov	/ baud rates.	
Select higher settings for	faster performance.			Defaults
Receive (Bytes):	4096	~		
Transmit (Bytes):	4096	~		
BM Options			Miscellaneous Options	
Select lower settings to c	orrect response problem	ns.	Serial Enumerator	E
Latency Timer (msec):	1	~	Serial Printer	C
			Cancel If Power Off	E
Timeouts			Event On Surprise Removal	E
Minimum Read Timeout (msec): 0	~	Set RTS On Close	E
			Disable Mades Chil At Charles	Г

Close the device manager and then open it again. Now you can see the changed COM port number.

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ile Action View Help	
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EFKA	
🛨 🕌 Disk drives	
😐 😼 Display adapters	
표 🕝 DVD/CD-ROM drives	
😥 📹 Floppy disk controllers	
主 🖾 Human Interface Devices	
🗄 🗃 IDE ATA/ATAPI controllers	
🕀 🧼 Keyboards	
Mice and other pointing devices	
H g Monitors	
Million adapters	
Algendetwices	
A PCI Device	
Ports (COM & LPT)	
Communications Port (COM3)	
PCI_COM (COM1)	
PCI_COM (COM2)	
USB Serial Port (COM4)	
主 🕷 Processors	

- Your PC is now ready for communication with the Efka controller via IF232-USB. -

For your notes:

Efkc

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