



THERMAL PRINTING SOLUTIONS

EASYCOM Operating Guide

This guide provides first level information on the Axiohm software tool EASYCOM for downloading, configuring and sending commands to Axiohm printer solutions.

1- Select your Communication (USB, RS232, etc).....	2
RS232.....	2
USB	3
Ethernet	4
2- DOWNLOAD a BOOT (*.PBT), Configuration File (*.EEP) , Bar Code modules (*.pmd) or Print file (*.TST).....	4
3- DOWNLOAD a FLASH firmware (*.BIN)	5
4- SEND a COMMAND (in hexa or ASCII).....	5
In USB mode (normal and real time)	6
5- Procedure to change the baud rate in RS232:	7

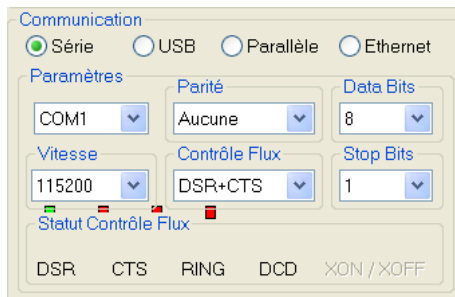
22 June 2013

1- Select your Communication (USB, RS232, etc)

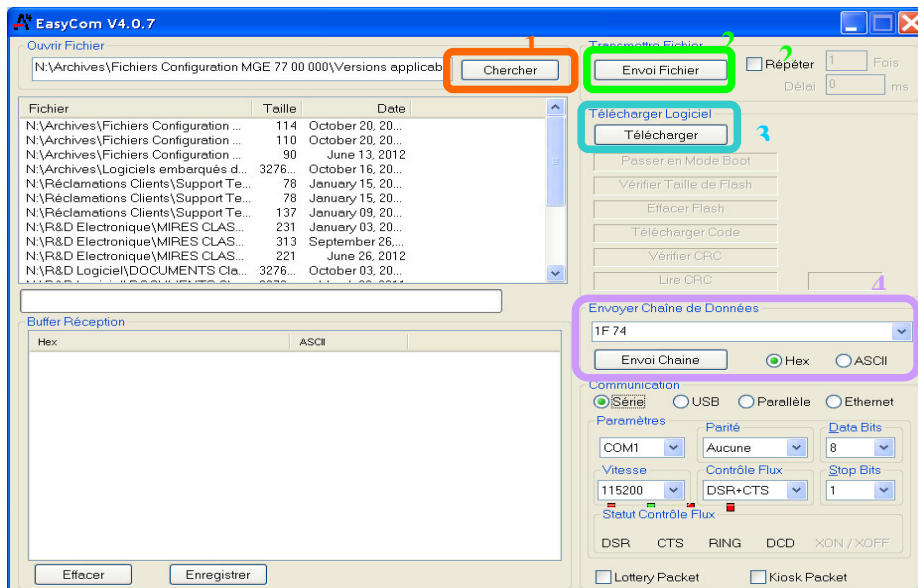
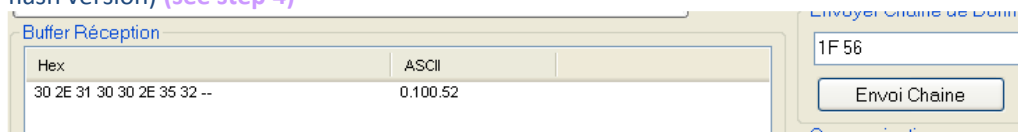
RS232

1) First check the current baud rate. Print an autotest (Push paper feed and POWER ON) and check the communication interface

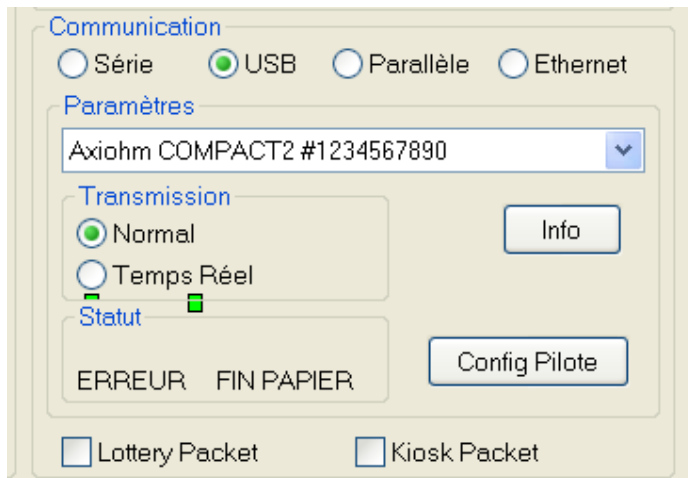
2) Set the same parameters in EASYCOM (see example below)



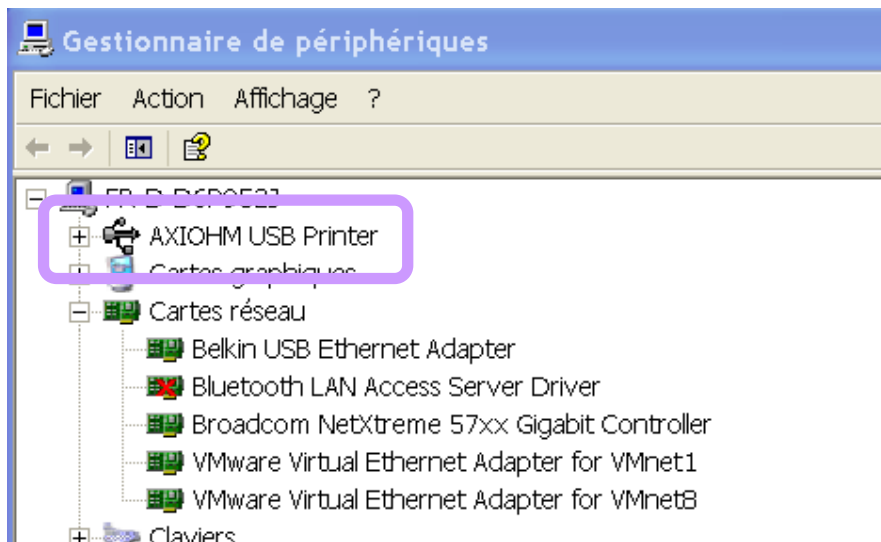
3) You can check if you communicate operates by sending the command 1F 56 (return Boot and flash version) (see step 4)



USB



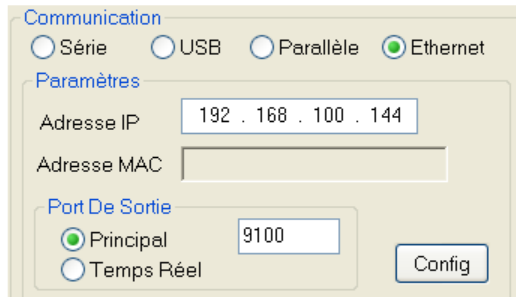
Check the parameters. Be careful for USB you must use the USB AXIOHM DRIVER (not USB PRINT from windows), you can check this in file “material in windows system”)



If you don't have this driver installed but the USB print from windows, it's necessary to change to AXIOHM driver !

See also the manual “Step by Step installation set up XP driver USB” to change.

Ethernet



Indicate your IP address and port used, (The LAN connexion TCP/IP, must be configured to accept this IP address).

2- DOWNLOAD a BOOT (*.PBT), Configuration File (*.EEP) , Bar Code modules (*.pmd) or Print file (*.TST)

The Boot file has this extension *.PBT (ex 7300xxx.PBT)

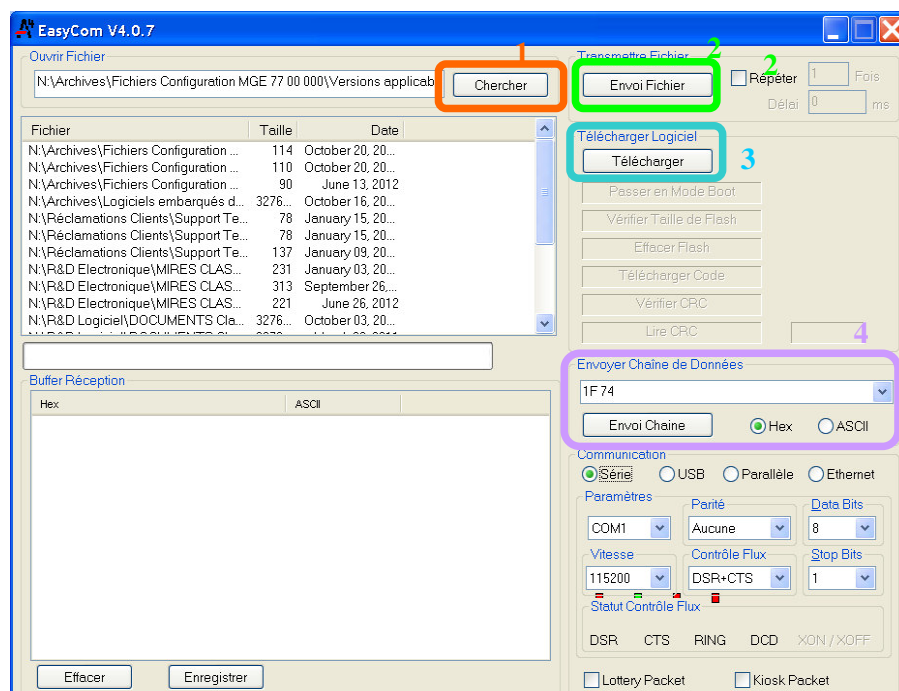
The 2D bar code file has this extension *.PMD (ex 7300xxx.PMD)

The configuration file has this extension *.EEP (ex 7700xxx.EEP). This file configures the settings according to the application (mechanism type, interface settings, sensor configurations etc)

Step 1: Start by selecting your file (browse)

Step 2: send the file (Envoi Fichier)

NB: after this operation it is possible that the led flashes quickly because the previous flash is not compatible with the latest boot.

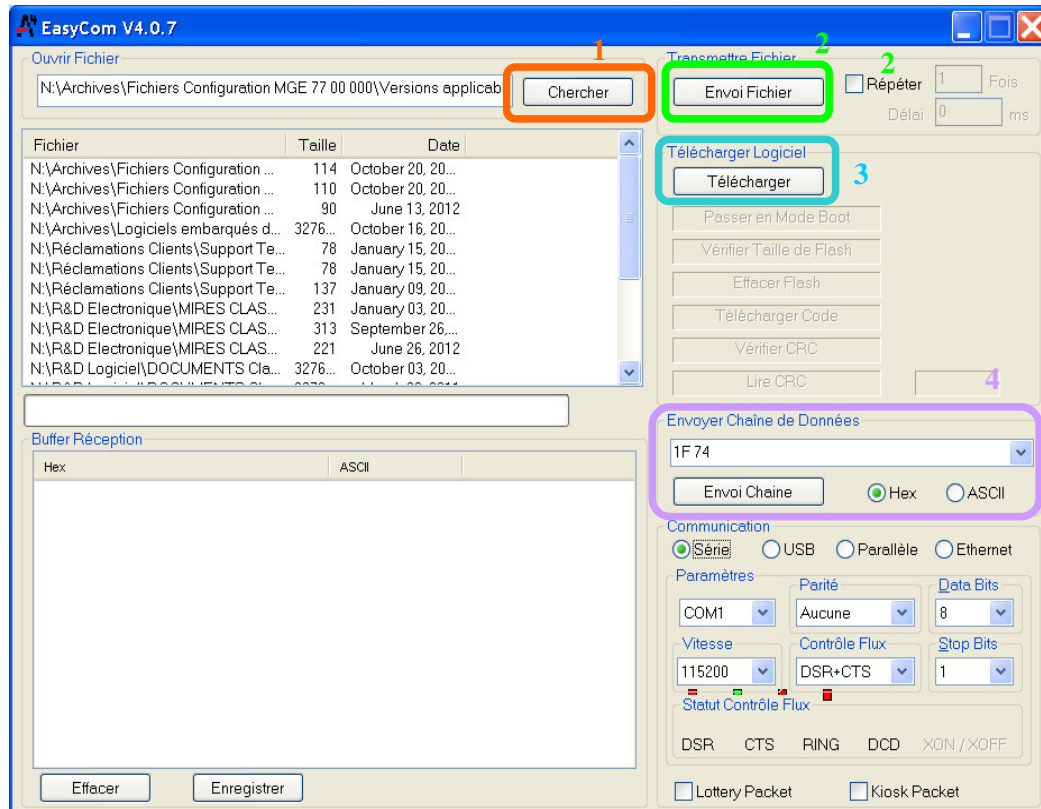


3- DOWNLOAD a FLASH firmware (*.BIN)

The Flash firmware has this extension *.BIN (ex 7300xxx.BIN)

Step 1: Start by selecting your file (browse)

Step 3: Downlaod (Télécharger)



4- SEND a COMMAND (in hexa or ASCII)

Use the WINDOW (indicated 4)



Select Hex if you use the hexa decimal format (Easier to send command controls see the user manual)

In this example the command 1F 74 prints an autotest (diagnostics ticket)

In USB mode (normal and real time)

Select Normal to send standard commands (not real time see the Manual)

Envoyer Chaîne de Données

The screenshot shows a software window titled "Envoyer Chaîne de Données". At the top, there is a text input field containing "1F 74" and a dropdown arrow. Below this is a button labeled "Envoi Chaîne". To the right of the button are two radio buttons: "Hex" (which is selected) and "ASCII". Below these is a section titled "Communication" with four radio buttons: "Série", "USB" (selected), "Parallèle", and "Ethernet". Underneath is a section titled "Paramètres" with a dropdown menu showing "Axiohm COMPACT2 #1234567890". Below the dropdown is a "Transmission" section with two radio buttons: "Normal" (selected) and "Temps Réel". To the right of the "Transmission" section is an "Info" button. At the bottom left, there is a "Statut" label and a small green square icon.

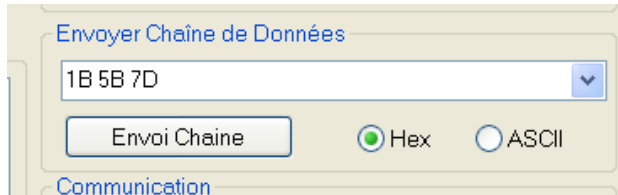
Select Real time (temps reel) if you want use real time commands as par example the status 10 04 n (NB: in this mode the printer return the status even if Busy!

Envoyer Chaîne de Données

This screenshot is similar to the one above, showing the "Envoyer Chaîne de Données" window. The text input field now contains "10 04 01". The "Hex" radio button remains selected. In the "Communication" section, "USB" is still selected. In the "Paramètres" section, the dropdown still shows "Axiohm COMPACT2 #1234567890". However, in the "Transmission" section, the "Temps Réel" radio button is now selected, and the "Normal" button is unselected. The "Info" button and the "Statut" label with the green square icon are still present at the bottom.

5- Procedure to change the baud rate in RS232:

1) To change the baud rate it's necessary to switch to the Boot mode (led flashing quickly) , so the command to is 1B 5B 7D



2) Once you are in the boot, it is possible to change Baud rate.

For example to set the baud rate to 9600 Send the command 1f 02 00 03 00 00 01 00 D FF. The Led will stop flashing quickly. For further configurations see the detailed command hereunder.



3) Check the current baud rate. Print an autotest (Push paper feed and POWER ON) that will give the printer settings.

Set Communication Parameters

ASCII:	US	STX	n1	n2	n3	n4	n5	n6
Decimal:	31	2	n1	n2	n3	n4	n5	n6
Hex:	1F	02	n1	n2	n3	n4	n5	n6

Description:

n1	Interface
00h	RS232
03h	USB

for RS232 interface

n2, bit [0..2]	Baudrate
00h	1200
01h	2400
02h	4800
03h	9600
04h	19200
05h	38400
06h	57600
07h	115200

n2, bit 4	Number of stop bits
0	1
1	2

n2, bit 5	Number of data bits
0	8
1	7

n3	Parity
0x00	Odd parity
0x01	Even parity

n4	Parity mode
0x00	No parity
0x01	Enabled and set using parameter described above

n5, bit 0	Handshaking
0	Xon/Xoff
1	DTR/DSR

n5, bit 1	RTS Control
0	Disabled => RTS line is fixed to 0
1	Enabled => RTS line follows DTR line

n6	Error Processing
0x00	Ignore
0x01	Print '?'