



Lcdmod Kit

U162FB-A1

USB interface LCD PC modding

16 characters x 2 lines

White characters with blue background

With Black PVC cover

User Manual

Website: <http://www.lcdmodkit.com>

Rev: 1.01 June 2011

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Chapter 1 Introduction

1.1 Package Contents



1.2 Specification

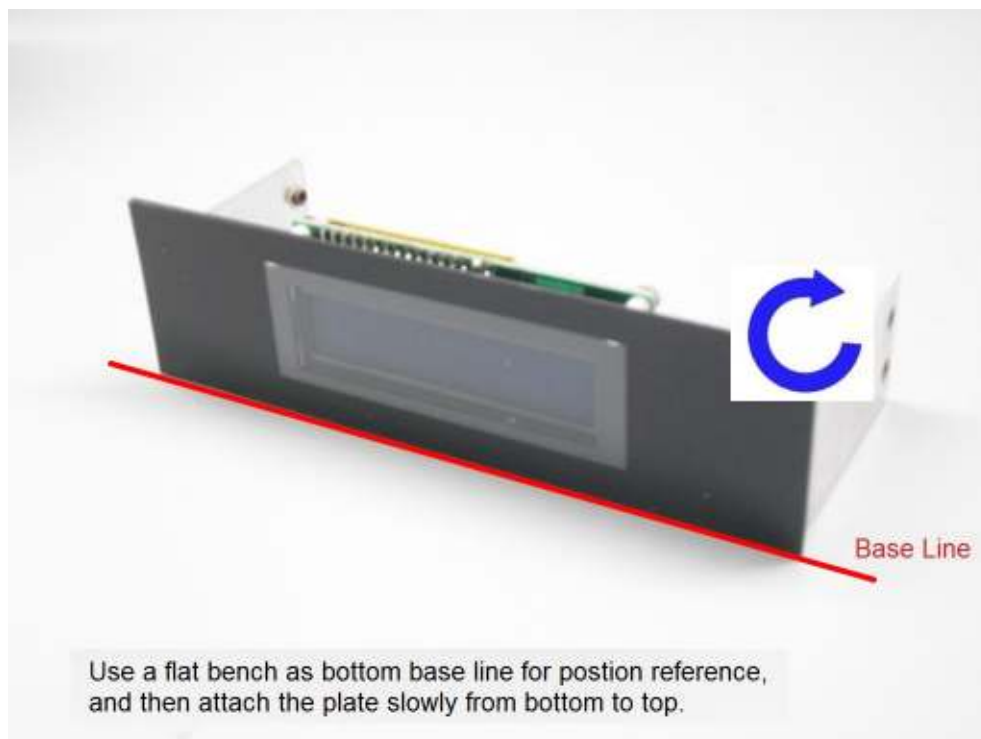
Data Transfer	USB 1.1 compliant
Driver	Lcd2usb compatible (without buttons)
LCD Resolution	16 Characters x 2 Lines
LCD color	White characters / blue background
Screen Size	64.5 x 14.5 mm
Frame Size	5 1/4" bay drive
Work with	Lcd Smartie, lcd4linux and LCDProc
Operating System	Linux, Windows 98, XP, 7 32 & 64 bits
USB connection	mini USB / 600mm long internal USB cable for mother board

Chapter 2 Hardware Setup

2.1 Install the side frame both side



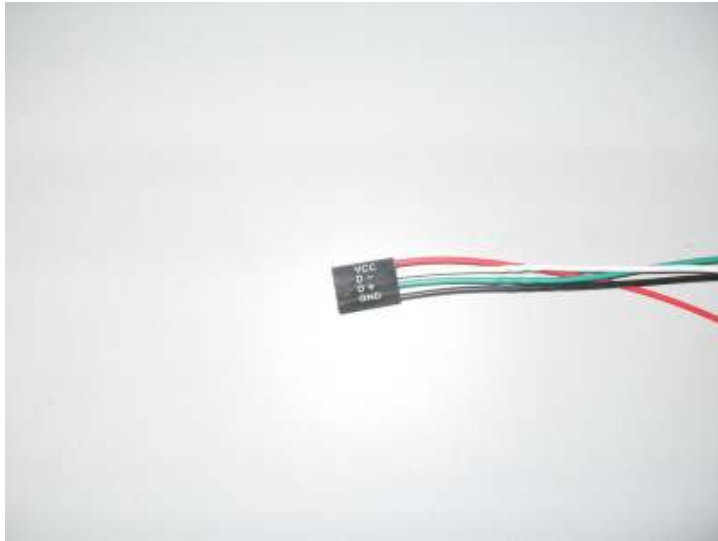
2.2 Attaching the cover plate



2.3 Install it on bay drive

2.4 Peel off the protective layer of front PVC cover sheet

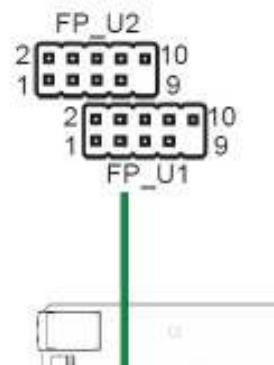
2.5 Connecting internal USB cable of Motherboard port side



(D- = USBP*- , D+ = USBP*+)

USB-Pin Definition

PIN	Assignment	PIN	Assignment
1	VCC	6	USBP1+
2	VCC	7	GND
3	USBP0-	8	GND
4	USBP1-	9	KEY
5	USBP0+	10	OC#



Chapter 3 Driver Installation

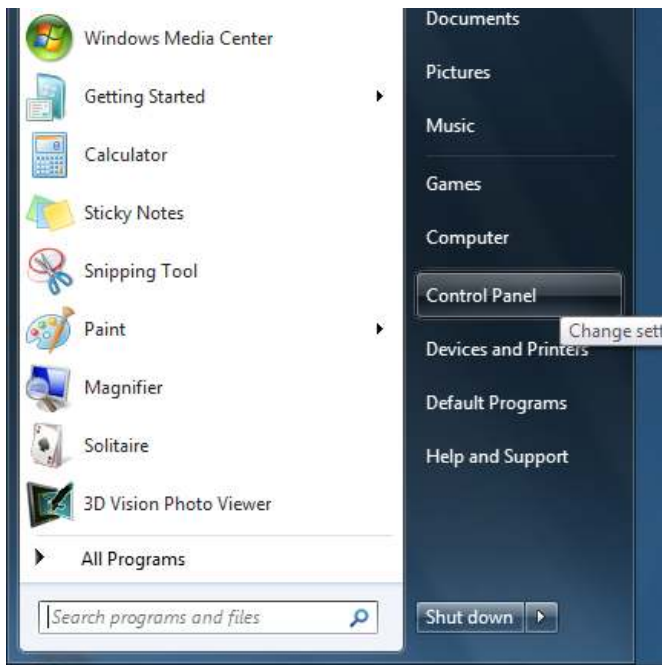
3.1 Power up message

3.2 Error message may be shown on your screen



3.3 Copy the driver folder to any driver or desktop of your computer

3.4 Go to “Control Panel”



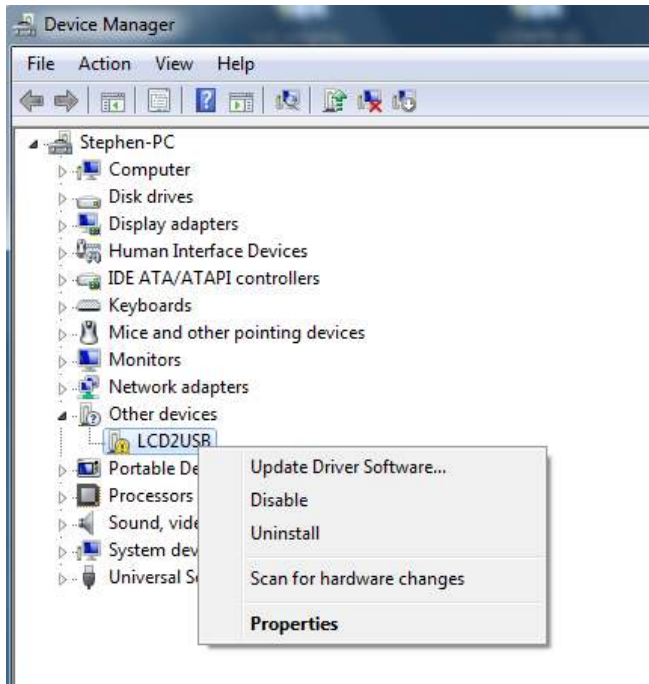
3.5 Go to “System and Security”



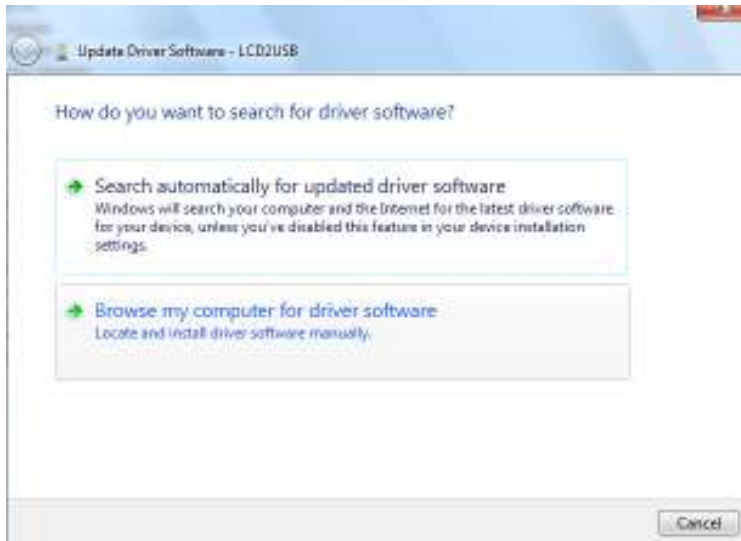
3.6 Go to “Device Manager”



3.7 “LCD2USB” with “!”, right click the mouse and “Update Driver Software”



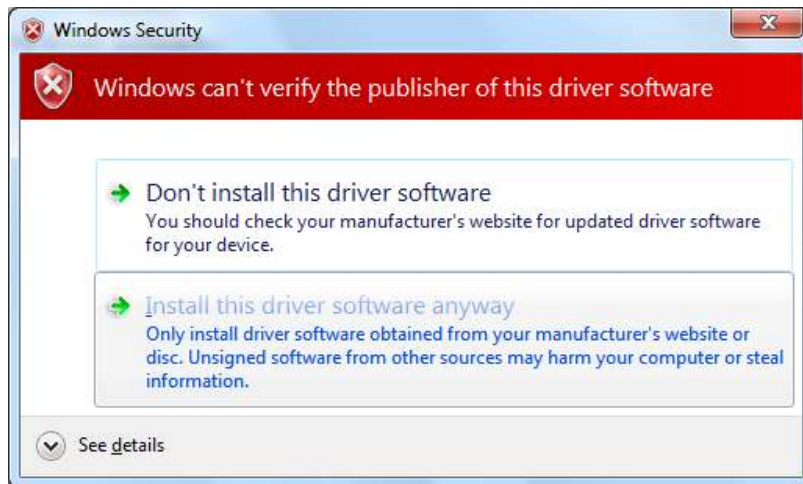
3.8 Choose “Browse my computer for driver software”



3.9 Find out the driver folder you copied before



3.10 Install this driver anyway



3.11 Close it



Chapter 4 Software Installation

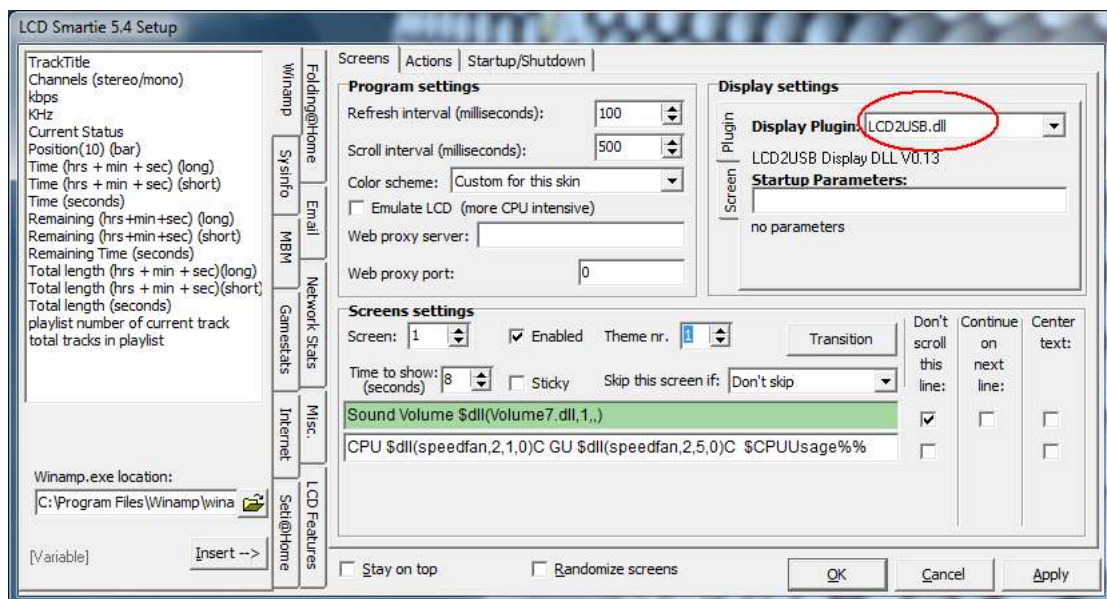
- 4.1 Unzip the "lcd_smartie_v5.4" to any drive any folder you like.
- 4.2 Unzip the "LCD2USB-smartie.zip" to any drive any folder you like.
- 4.3 Copy the LCD2USB.dll to the displays folder.



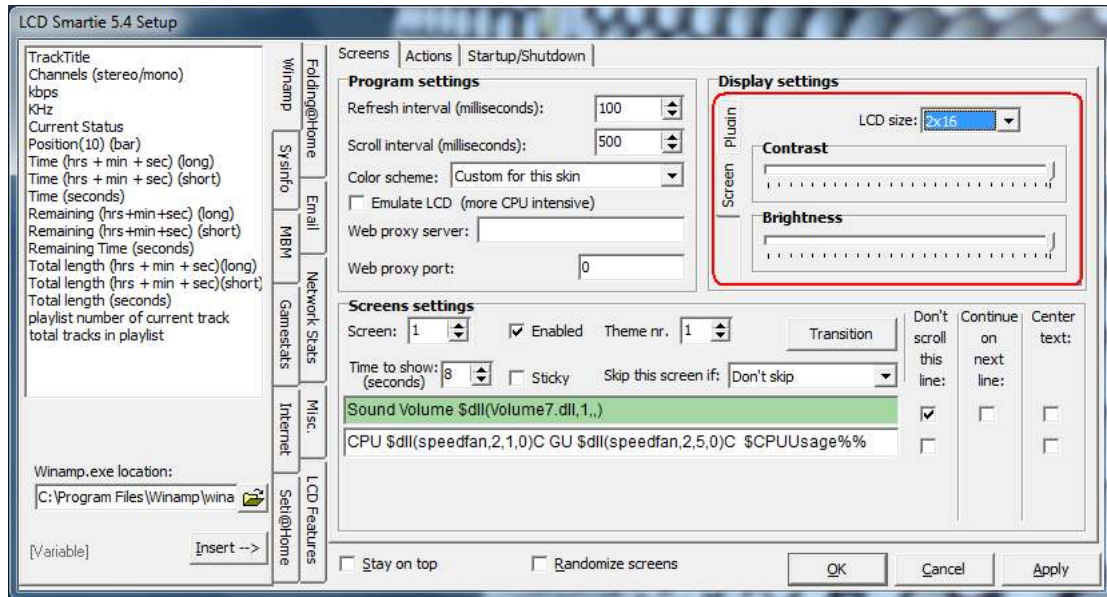
4.4 Run “LCDSmartie”



4.5 Set the display plugin to “LCD2USB.dll” in setup



4.6 Change the LCD size to “2x16” and tune the LCD contrast and brightness of backlight



Note: For more details about LCDSmartie, please go through the official site of LCDSmartie <http://lcdsmartie.sourceforge.net/>