


# LCD Smartie

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## LCD2USB Button support

Moderators: **mattcro**, **limbo**, **\_X7JAY7X\_**, **caesar**, **IFR**, **Fast351**[Post Reply](#) 10 posts • Page **1** of **1****shinobi\_h2o**

### LCD2USB Button support

 January 6th, 2008, 1:29 am

Hey all.

I got myself an LCD2USB (<http://www.harbaum.org/till/lcd2usb/>) and it's great and all, but the buttons are not implemented in the LCDSmartie driver.


The guy who made the controller (Till Harbaum) didn't really care about it. It actually looks like he asked somebody else to make the windows versions for the drivers and this other guy didn't implement the buttons.

What is funny is that I can see the source code for the buttons in the "TestApp", in the firmware and all. The TestApp shows the states of the buttons, but the source of the LCDSmartie plugin doesn't.

So off I went, with no knowledge at C-programming, and managed to download some includes from AVR and stuff, but I can't compile it (shows a lot of errors).

Can anyone PLEASE take a look at the source code (you can find it in the URL above) and see if it's easy to implement the buttons...? Please! lol

Thanks a lot in advance, guys.

**shinobi\_h2o** January 12th, 2008, 10:01 pm

Just for the record, maybe I managed to implement it in the source, but I can't get to compile it. 😊

I don't know if I'm using the wrong includes, but apparently it shows a lot of errors that are not related to the code I added myself...

So any suggestions? 😊

**Henk**

## LCD2SUB buttons are working in Smartie

July 18th, 2008, 7:26 am

Hi,

I managed to modify the LCD2USB.DLL for smartie so that the buttons do work. I have programmed it so that:  
Upper button returns '1'

Lower button returns '2'

Both buttons together return '3' (with only two buttons one has to be creative)

I also have a working config.ini to use the buttons with the menu-plugin.

But I don't know where and how I can post this new version of dll.

If someone is interested and would like to make this new version official. Let me know and I can e-mail it.

best regards,

Henk



**limbo**

Plugin Author



## Re: LCD2SUB buttons are working in Smartie

July 18th, 2008, 9:34 pm

“ Henk wrote:

Hi,

But I don't know where and how I can post this new version of dll.

If someone is interested and would like to make this new version official. Let me know and I can e-mail it.

best regards,

Henk

You can upload the file 9zipped here to forums. Just use the attachment option when you posting a new thread



**Henk**



July 21st, 2008, 4:23 pm

Nope, I can't attach anything to a post.

Probably because I'm a newbie I don't have the rights to do so.

But it is actually very simple. Just add this one function to the lcd2usb.cpp file:

CODE: SELECT ALL

```
unsigned short __stdcall DISPLAYDLL_ReadKey(void)
{
    int keymask = lcd_get(LCD_GET_KEYS);

    if(keymask > 0)
```

```
        return (keymask & 3) + '0';  
    else  
        return 0xFF00;  
}
```

And this line to LCD2USB.DEF

CODE: [SELECT ALL](#)

```
DISPLAYDLL_ReadKey @11
```

Recompile and that's it.

Henk



**RAIDER**



### Re: LCD2USB Button support

September 5th, 2010, 12:56 pm

Hello,

I succeed to build and compile the LCD2USB driver and here it is:

<http://rapidshare.com/files/417198973/LCD2USB.rar>



**caesar**

Forum Supporter



### Re: LCD2USB Button support

September 6th, 2010, 11:01 pm

And here is RAIDER's file as an attachment (Rapidshare tends to terminate them pretty fast).  
LCD2USB.rar

You do not have the required permissions to view the files attached to this post.



**schnubbi-gilles**



### Re: LCD2USB Button support

April 29th, 2011, 10:21 pm

Nicely Done!

I've searched a long Time till i found this 😊

Thanks a lot for the driver!



**schnubbi-gilles**



### Re: LCD2USB Button support

April 29th, 2011, 10:24 pm

Can anyone write the LCD2USB driver for Windows x64 Systems?

fritech

**Re: LCD2USB Button support**

March 28th, 2012, 7:33 pm

Hi,

i have a question about LCD2USB extended Button Support

Originally i use a LCD2USB (no pushbuttons connected) and a keypad matrix connected to parport0 together with LCDproc/LCDD.

i use firmware from :

[http://www.dl9sec.de/LCD2USB/LCD2USBsed\\_1V0.zip](http://www.dl9sec.de/LCD2USB/LCD2USBsed_1V0.zip)

The keypad is connected as following:

```

+5V -----+-----+-----+-----+
| | | |
22k 22k 22k 22k
| | | |
/STRB (1) -|<---+-----+-----+-----+ |
| | | | | | | |
o | o | o | o |
S1 \ | S2 \ | S3 \ | S4 \ |
o | o | o | o |
| | | | | | | |
+---+ +---+ +---+ +---+
| | | |
/LF (14) -|<---+-----+-----+-----+ |
| | | | | | | |
o | | o | o |
S5 \ | | S6 \ | S7 \ |
o | | o | o |
| | | | | | | |
+---+ | +---+ +---+
| | | |
/ACK (10) -----+ | | |
BUSY (11) -----+ | |
PE (12) -----+ |
SELIN (13) -----+

```

Is it possible to use the smartie LCD2USB.dll together with this keypad ?

Thx in advance

**Post Reply**

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