JOY-iT

5inch HDMI LCD

Contents

1. Introduction

5 inch Resistive Touch Screen LCD, HDMI interface, supports various systems

2. Working with PC

This product supports Windows 10/8.1/8/7 operation systems.

For the Windows 10/8.1/8 OS, the touch screen supports multi-touch up to 10 points.

For some Window 7 OS, the touch screen supports single touch only.

Turn on the "backlight" switch then connect the LCD to your PC
(USB Port of LCD -> USB Port of PC; HDMI Port of LCD -> HDMI Port of PC.
Please first connect the USB Ports then connect the HDMI Port).

A new touch drive will be recognized by Windows and you can use the LCD as a human interface device.

When multiple displays are detected by your PC, the LCD can only be used to control the cursor on main display. So it is proposed to set the LCD as the main display.

3. Working with Raspberry Pi

When working with Raspberry Pi, you should set the resolution of the LCD by yourself, or else the LCD screen will not work.

For more detail information, please read the following section.

You can choose to use our preinstalled Raspbian image or to install the drivers on your own.
Both ways are described below.

In any case, turn on the "backlight" switch then connect the LCD to your Pi (HDMI Port of LCD -> HDMI Port of Pi; USB Port of LCD -> USB Port of Pi; 5V~2A power supply).

3.1 Using our Raspbian-image

You can find our preinstalled Raspbian Image here.
Write the image to a micro SD card .
The display should work automatically.

Download the Raspbian image from Raspberry Pi web site.

Write the image to a micro SD card and

3.1 Using our drivers

Download our driver here and copy the file on your system.

Append the following lines to the **config.txt** file which is located in the boot Folder of your micro SD card:

```
max_usb_current=1
hdmi_group=2
hdmi_mode=1
hdmi_mode=87
hdmi_cvt 800 480 60 6 0 0 0
```

Make sure that there are no spaces on either side of the equal sign.

Now, that you prepared the LCD-Screen, you have to install the drivers.
Navigate into the folder where your downloaded driver is located and use the following commands:

```
tar xzvf joy-IT-lcd5-driver.tar.gz
cd LCD-show/
sudo bash ./LCD5-show
```

After rebooting your device the display should work fine.

4. Support

If you have any questions , or problems please contact us via e-mail, phone or support system.

E-Mail: service@joy-it.net

Support-System: http://support.joy-it.net

Phone: +49 (0)2845 98469 – 66 (11- 18 Uhr)

Please visit our website for more information:

www.joy-it.net