JOY-IT

5 Inch HDMI LCD

Index

Dear customer,

thank you for purchasing our product. Please find our instructions below.

1. Introduction

5 Inch resistive LCD-Touchscreen with LCD and HDMI interface.
This display supports multiple systems.

Please make sure you set the *backlight* switch to ON first.
You can connect the display to the PC afterwards.
You have to connect both, the USB-connection and the HDMI-connection.

2. Working with a Raspberry Pi

While working with a Raspberry Pi, we recommend to set the display resolution by yourself.
Otherwise the display might not work properly.

You can either install our prepared image or you can install our display driver.
The choice is up to you.

If you choose to use our preinstalled system, please continue with the next step.
If you want to install the display driver on your own, please skip the next step and continue with chapter 3.2.

2.1 Using our system

You don't need to make any further configurations when you choose to use our preinstalled system.
After the system-installation, the display is ready to use.

First of all, please download your system from our website.

With the „Win32 Disk Imager"-utility you can copy the downloaded image to your SD-card.
Select, as seen in the image below, the image and the device.
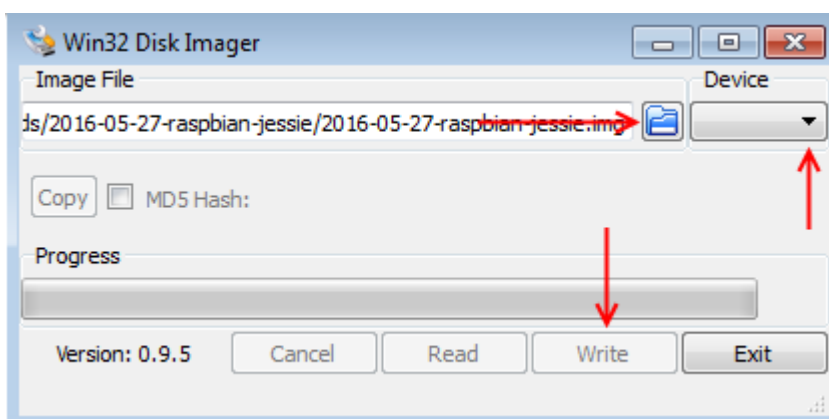Then you can start the writing process with *Write*.

Abb. 1: Win32 Disk Imager

2.2 Using our driver

Please download our driver here and copy it to your Raspberry Pi.

In the terminal of your Raspberry Pi, navigate to the *config.*txt file which is located in the boot-directory of your SD-Card.

Open the file with the following command:

```
sudo nano config.txt
```

In the now opened file, please append the following lines at the bottom.
You can save the file with *Ctrl+O* and leave with *Ctrl+X* afterwards.

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

Navigate in the terminal to the folder, which you transfered onto your Raspberry Pi, and install the drivers with the following commands:

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

After restarting your system, the display is ready to use.

3. Support

If there are any further questions or problems, we can help you by mail, phone or by our ticket-supportsystem.

E-Mail: service@joy-it.net

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

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

For further informations, please visit our homepage:

www.joy-it.net