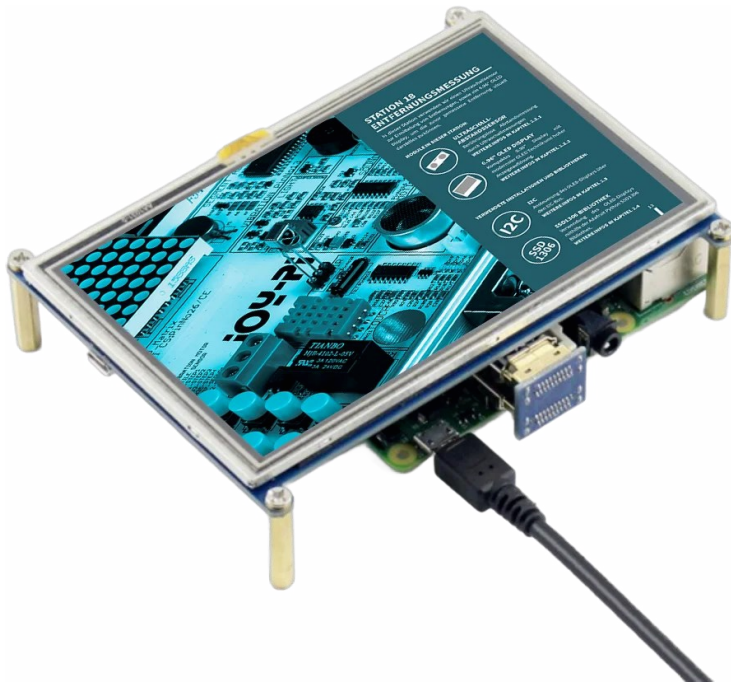# 5"-TOUCH DISPLAY

RB-LCD-5

5"-TOUCH DISPLAY

RB-LCD-5

1. GENERAL INFORMATION

Dear customer,

thank you very much for choosing our product.
In the following, we will introduce you to what to observe while starting up and using this product.

Should you encounter any unexpected problems during use, please do not hesitate to contact us.

i

These instructions were written under Raspberry Pi OS Bookworm for the Raspberry Pi 4 and 5. It has not been checked with newer operating systems or hardware.
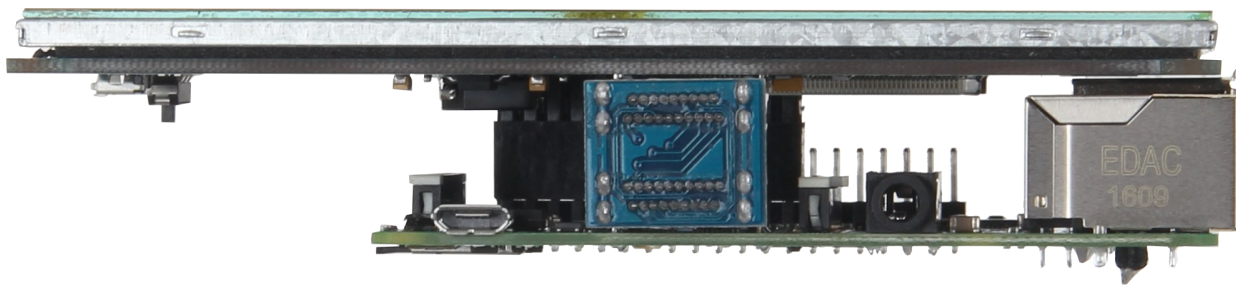
2. CONNECTION

The display is simply plugged onto the GPIO strip of your Raspberry Pi. Then take the enclosed HDMI adapter and plug it into the HDMI port of the display and the HDMI port of your Raspberry Pi. Make sure you use the HDMI adapter that matches your Pi.

Pi3   Pi4/5

3. INSTALLATION

To install the display, open a terminal window and enter the following commands in sequence:
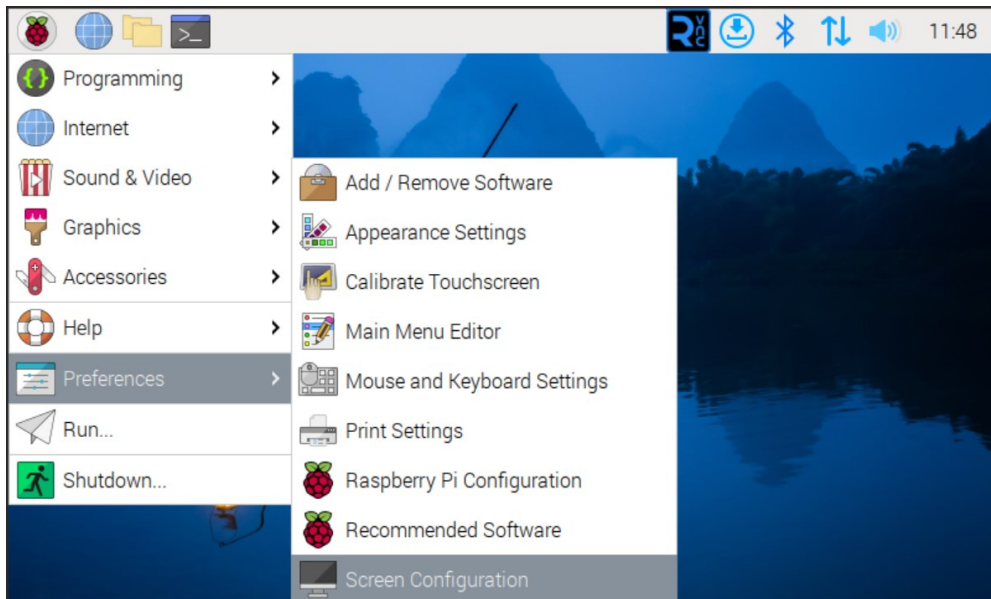
```
sudo rm -rf LCD-show

git clone https://github.com/goodtft/LCD-show.git

chmod -R 755 LCD-show

cd LCD-show/

sudo ./LCD5-show
```

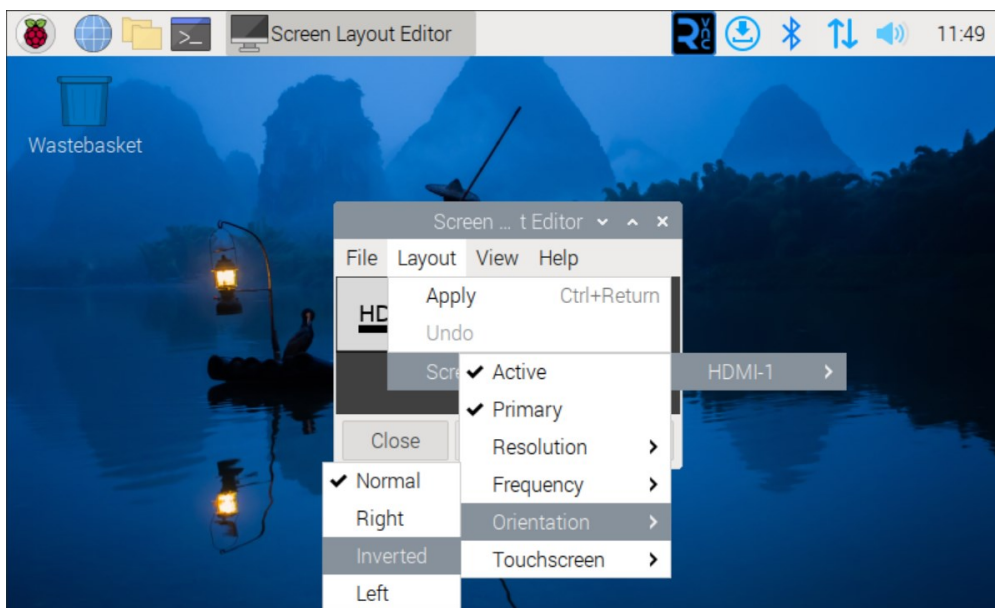Your Raspberry Pi will then restart automatically.

To rotate the display on the screen, proceed as follows:

Go to **Start** → **Preferences** → **Screen Configuration**

Go to **Layout** → **Screen** → **HDMI-1** → **Orientation** and select the desired orientation of the display.

Then click **Apply** to confirm.

You must now rotate the touch input accordingly.

Open a terminal window and enter the following commands one after the other:

```
cd LCD-show/

sudo ./rotate.sh 180
```

In this case, the touch input would be rotated by 180°. To set a different orientation, you must adjust the 180 in the command according to your orientation.

To calibrate the touch input, open a terminal window and enter the following command:

```
sudo apt-get install xserver-xorg-input-evdev xinput-calibrator
```
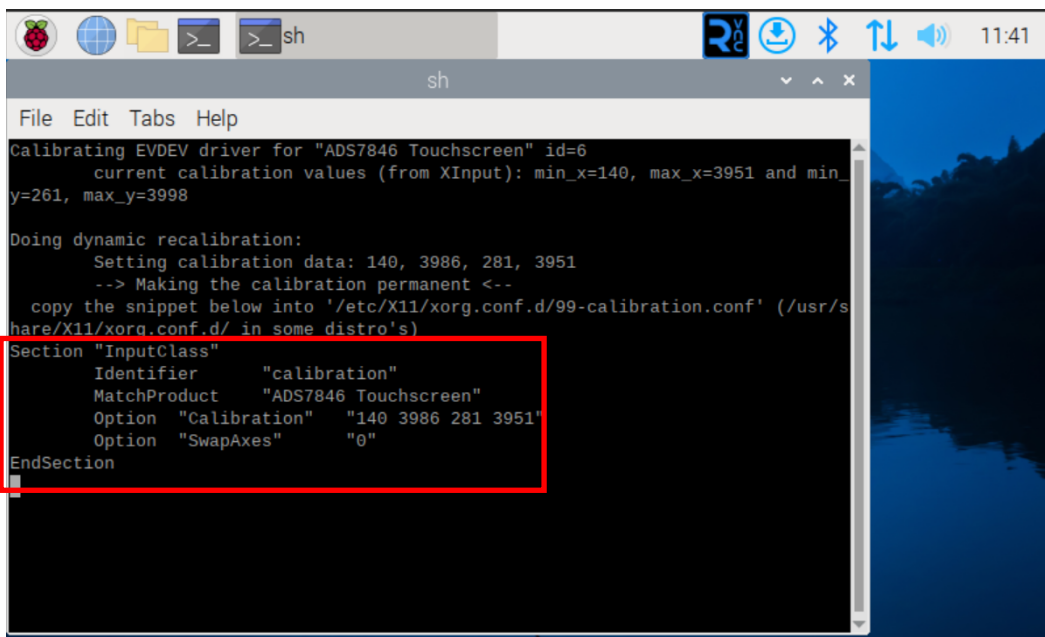
Go to **Start → Preferences → Calibrate Touchscreen**
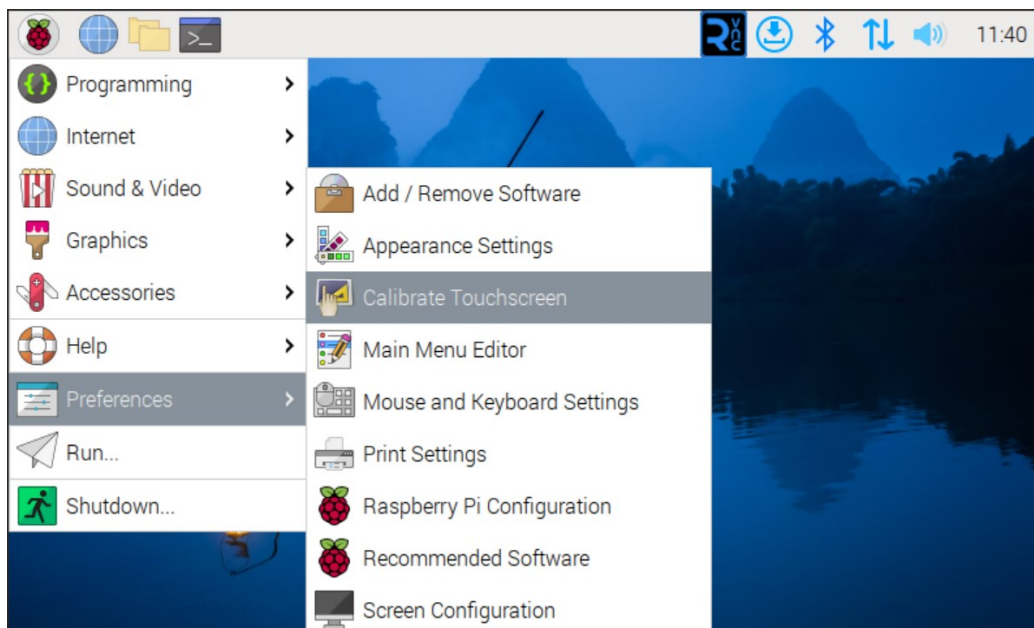
Now follow the instructions on the display and press the red dots that appear on the display. For increased precision, we recommend using an input pen (stylus).

The following window should then open:

Note or copy the lines marked in the picture.

Now open a terminal window and enter the following command:
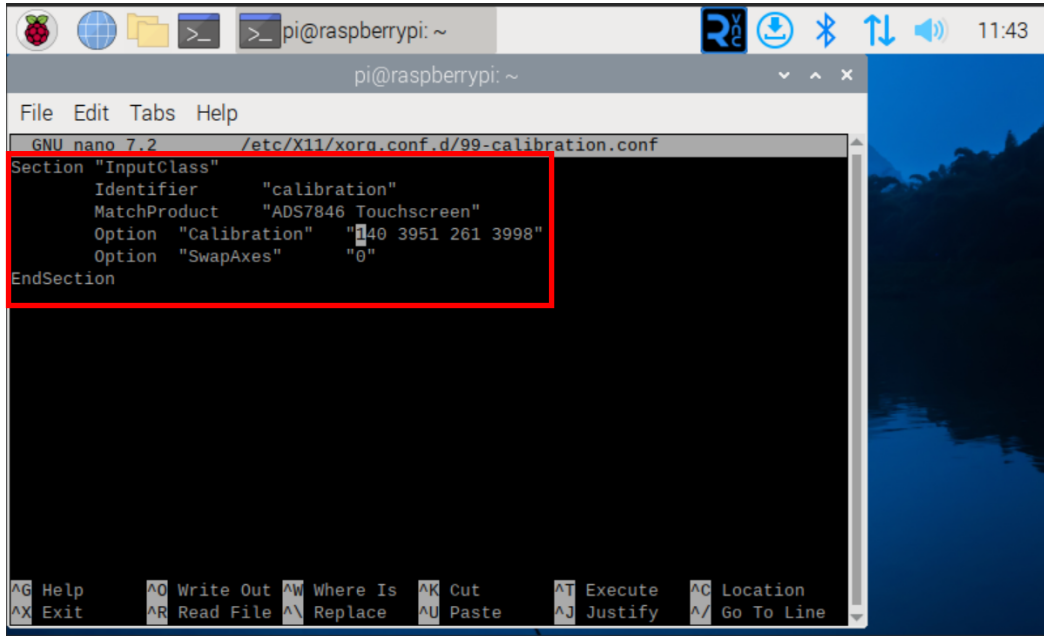
```
sudo nano /etc/X11/xorg.conf.d/99-calibration.conf
```

Now replace the lines marked in the image with the previously noted values.

Then save the changes with **CTRL+O** and close the file with **CTRL+X** and **Enter**.

Then restart your Raspberry Pi to apply the changes.

6. ADDITIONAL INFORMATION

Our information and take-back obligations according to the Electrical and Electronic Equipment Act (ElektroG)

Symbol on electrical and electronic equipment:

This crossed-out dustbin means that electrical and electronic appliances do not belong in the household waste. You must return the old appliances to a collection point.

Before handing over waste batteries and accumulators that are not enclosed by waste equipment must be separated from it.

Return options:

As an end user, you can return your old device (which essentially fulfills the same function as the new device purchased from us) free of charge for disposal when you purchase a new device.

Small appliances with no external dimensions greater than 25 cm can be disposed of in normal household quantities independently of the purchase of a new appliance.

Possibility of return at our company location during opening hours:

SIMAC Electronics GmbH, Pascalstr. 8, D-47506 Neukirchen-Vluyn, Germany

Possibility of return in your area:

We will send you a parcel stamp with which you can return the device to us free of charge. Please contact us by email at Service@joy-it.net or by telephone.

Information on packaging:

If you do not have suitable packaging material or do not wish to use your own, please contact us and we will send you suitable packaging.

7. SUPPORT

If there are still any issues pending or problems arising after your purchase, we will support you by e-mail, telephone and with our ticket support system.

Email: service@joy-it.net
Ticket system: http://support.joy-it.net
Telephone: +49 (0)2845 9360-50   (Mon - Thur: 09:00 - 17:00 o'clock,
                                                              Fri: 09:00 - 14:30 o'clock)

For further information please visit our website:
www.joy-it.net