

How to install the LCD driver

(Raspberry Pi LCD)

Method1: Online installation

This manual is applicable to all series of Raspberry Pi LCD, Raspberry Pi board should be connected to Internet during the installation.

Step 1, Install Raspbian official image

- 1) Download the latest **Raspbian** Image from the official website: <https://www.raspberrypi.org/downloads/>
- 2) Format Micro SD card by **SDFormatter**
- 3) Burn the official image into Micro SD card by using **Win32DiskImager**.

Step 2, obtain the LCD driver

Log onto the **Raspberry Pi** users system to command line (The initial user name: pi Password: raspberry)

Get the newest driver from **GitHub** (Raspberry Pi LCD should be connected to internet)

```
sudo rm -rf LCD-show
git clone https://github.com/goodtft/LCD-show.git
chmod -R 755 LCD-show
cd LCD-show/
```

Step 3, install LCD driver

In case of 2.4" RPi Display (MPI2401):

```
sudo ./LCD24-show
```

In case of 2.8" RPi Display (MPI2801):

```
sudo ./LCD28-show
```

In case of 3.2" RPi Display (MPI3201):

```
sudo ./LCD32-show
```

#In case of 3.5" RPi Display(MPI3501):

```
sudo ./LCD35-show
```

#In case of 3.5" HDMI Display-B(MPI3508):

```
sudo ./MPI3508-show
```

In case of 4.0inch HDMI Display(MPI4008):

```
sudo ./MPI4008-show
```

In case of 5inch HDMI Display(Resistance touch)(MPI5008):

```
sudo ./LCD5-show
```

In case of 5inch HDMI Display-B(Capacitor touch)(MPI5001):

```
sudo ./MPI5001-show
```

In case of 7inch HDMI Display-B-800X480(MPI7001):

```
sudo ./LCD7B-show
```

In case of 7inch HDMI Display-C-1024X600(MPI7002):

```
sudo ./LCD7C-show
```

the corresponding execution to switch back to Traditional HDMI display.

```
sudo ./LCD-hdmi
```

Wait for a moment after executing the above command, then you can use the corresponding raspberry LCD.

Method2: Offline

This manual is applicable to all series of Raspberry Pi LCD; if you already have the driver installation CD, can just use it offline.

Step 1, Install Raspbian official image

- 1) Download the latest **Raspbian** Image from the official website: <https://www.raspberrypi.org/downloads/>
- 2) Format Micro SD card by **SDFormatter**
- 3) Burn the official image into Micro SD card by using **Win32DiskImager**.

Step 2, obtain the LCD driver

Extract from the companion CD or Download from the following address;

<http://www.lcdwiki.com/res/RaspDriver/LCD-show.tar.gz>

Copy the LCD-show.tar.gz drive to the **Raspberry Pi** system root directory (Suggestion: copy flash driver directly to Micro SD card after completion of Step 1, or copy by SFTP or other methods for remote copy). Unzip and extract drive files as the following command:

```
cd /boot
sudo tar zxvf LCD-show.tar.gz
cd LCD-show/
```

Step 3, install LCD driver

The same as **Method1-Setp3**.