

# Setting for Recalbox

Step 1. Download the latest Recalbox image from the link as below:

<https://forum.recalbox.com/topic/16576/february-2019-beta-version/2>

## New February 2019 Beta version! For Pi3B+ and ALL platforms!

### HISTORY

From the latest stable, this is the 3rd beta version. And the last until the next stable release!

We know you're all impatient, and the team has been working hard to provide you with this almost-final beta version. The changelog is pretty long, and from now on, the repository includes a more user-friendly list of changes, available here [RELEASE-NOTES.md](#)

or here, if you want to follow *work-in-progress* developments: [WIP RELEASE-NOTES.md](#)

Thanks to all people that made bug reports in the previous beta thread. Almost everything has been fixed since the last beta.

Beware: some emulators have been updated and requires new bios (i.e: Amiga - [Read Here](#))

### INSTALL

Here we go! As usual, download the image and use Etcher to flash it on your favorite SD Card.

~~2019-02-23: Images have been updated to include important fixes~~

Please read this post CAREFULLY, especially the part that says: NO UPDATE!

#### Raspberry:

- Pi 0(w) and Pi 1 : [Download Pi1/Pi0 Image](#)
- Pi 2 : [Download Pi2 Image](#)
- Pi 3B and 3B+ : [Download Pi3 Image](#)

#### Odroid:

- Odroid XU4 & XU4Q : [Download XU4 Image](#)
- Odroid C2 : [Download C2 Image](#)

#### PC:

- x86 (32bits) : [Download PC 32bits Image](#)
- x64 (64bits) : [Download PC 64bits Image](#)

### TESTING & REPORTING

Step 2. Configure the config.txt file (config.txt file is in root directory of

SD card)

```
hdmi_force_hotplug=1
avoid_warnings=1
max_usb_current=1
hdmi_group=2
hdmi_mode=1
hdmi_mode=87
hdmi_cvt 640 480 60 6 0 0 0
hdmi_drive=2
display_rotate=0
```

Step 3. Access Raspberry Pi (Recalbox) via SSH (User: root Password:

recalboxroot)

### Modify conf file:

```
nano /recalbox/share/system/recalbox.conf
```

- Change statement **controllers.gpio.enabled=0** to **controllers.gpio.enabled=1**
- Change statement **controllers.gpio.args=map=1,2** to  
**controllers.gpio.args=map=4 gpio=5,6,13,19,21,4,26,12,23,20,16,18, -1**

### Enable file rw permission:

```
mount -o remount, rw /
```

### Modify recalbox-config.sh file:

```
nano /recalbox/scripts/recalbox-config.sh
```

Add statement **extra3="\$5"** following:

```
mode="$2"  
extra1="$3"  
extra2="$4"
```

Change map="**\$extra2**" to **map="\$extra2 \$extra3"**

```
if [ "$command" == "gpiocontrollers" ];then  
    command="module"  
    mode="load"  
    extra1="mk_arcade_joystick_rpi"  
    extra2="map=1,2"  
fi  
  
if [ "$command" == "module" ];then  
    modulename="$extra1"  
    map="$extra2"  
    # remove in all cases
```

Save and restart Raspberry Pi. After restarting, you need to re-configure buttons (press any key to close the pop-up update box). Just following guide to finish configuring.