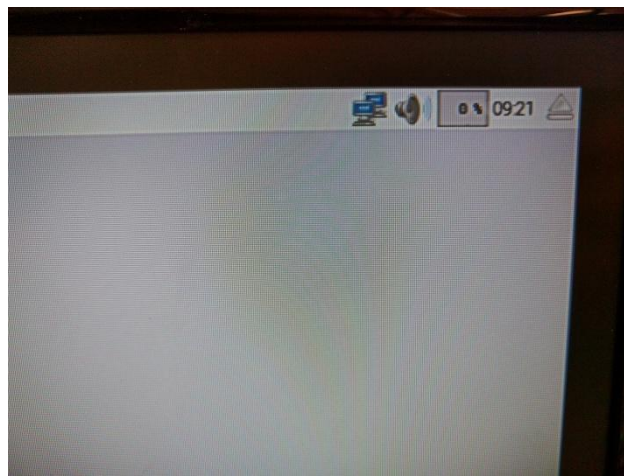


Rapoo E6700 Setup Instructions

Setup Using GUI (NOOBS/Raspbian)

1. Insert SD card into Raspberry Pi.
2. Connect HDMI cable from Raspberry Pi to monitor.
3. Connect a standard USB keyboard and mouse into USB sockets on Raspberry Pi.
4. Connect the power supply to the Raspberry Pi, and switch on.
5. Once the Raspberry Pi has fully booted, you should be in the standard Raspbian desktop. The version of Raspbian on the SD card provided does not currently have Bluetooth support installed, so you should not see a Bluetooth icon on the taskbar.



However, upgrading Raspbian will cause Bluetooth support to be installed. To do this, you will need to be connected to the internet; so either connect to a WiFi connection by clicking on the network icon at the top right of the desktop screen and select the required network, or connect an Ethernet cable between the Pi and the router.

6. Open a terminal window on the Raspberry Pi, and type in the following commands:-

```
sudo apt update
```

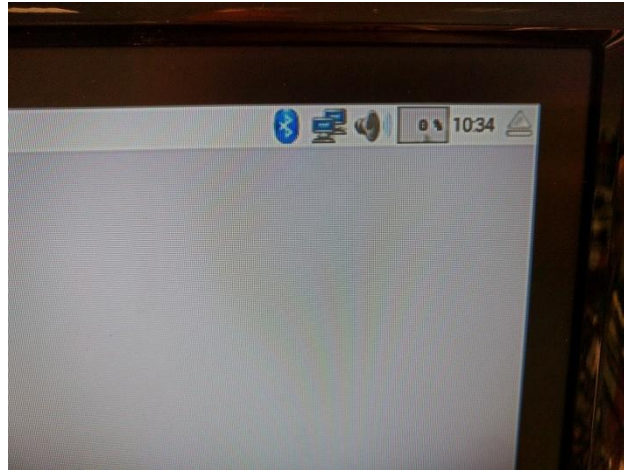
```
sudo apt upgrade
```

If you find that the **apt** command does not work, you should use the **apt-get** command instead:-

```
sudo apt-get update
```

```
sudo apt-get upgrade
```

7. Once the upgrade has completed, you should see a Bluetooth icon in the taskbar.



If this icon is not present, you may need to reboot using the following command:-

```
sudo reboot
```

8. Open a terminal window on the Raspberry Pi, and type in the following commands:-

```
sudo apt install bluetooth
```

```
sudo apt install blueman bluez python-gobject python-gobject-2
```

```
sudo reboot
```

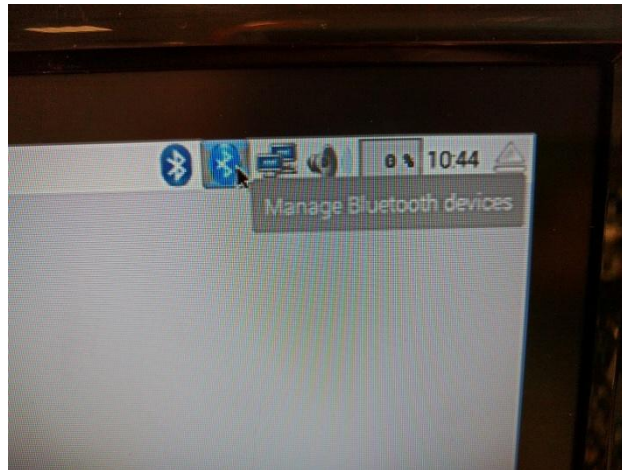
as with step 6, if you find that the **apt** command does not work, use **apt-get** instead:-

```
sudo apt-get install bluetooth
```

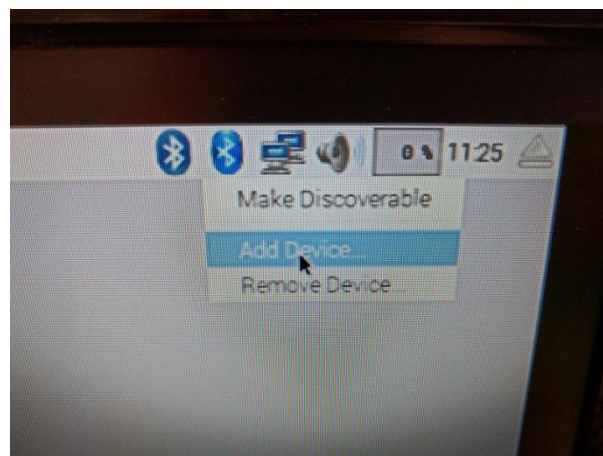
```
sudo apt-get install blueman bluez python-gobject python-gobject-2
```

```
sudo reboot
```

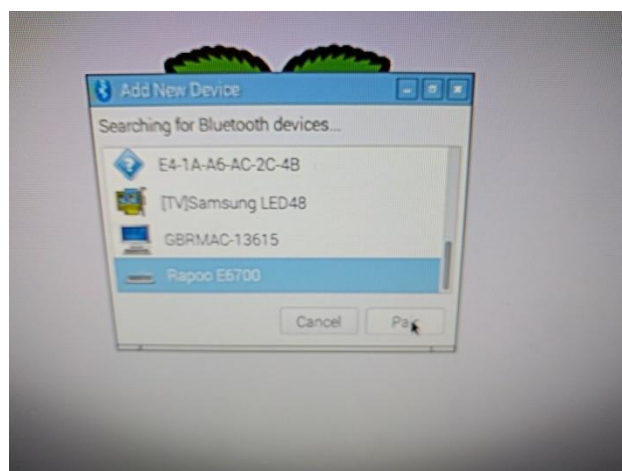
9. After this reboot, you should notice a second Bluetooth icon in the taskbar. If you hover your mouse over one of the Bluetooth icons, you should see the text 'Manage Bluetooth devices'. This is the icon that you should use to add your Bluetooth keyboard.



10. Switch on the Bluetooth keyboard, and press the connect button on the underside of the keyboard. The blue 'connect' LED should flash.
11. Click on the Bluetooth icon at the top right of the desktop screen, and select 'Add Device ...'.

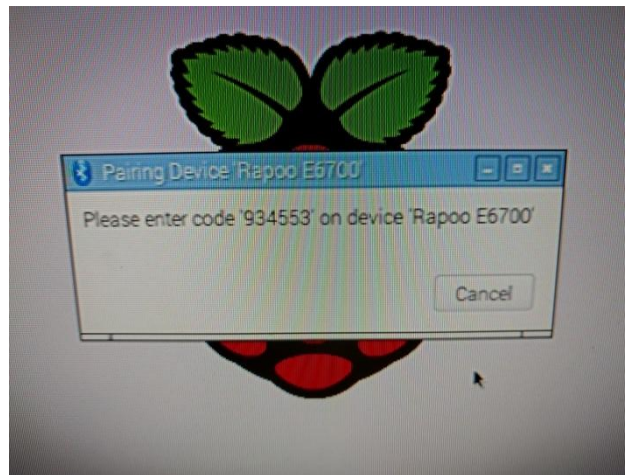


You should see an entry 'Rapoo E6700' in the list of Bluetooth devices.

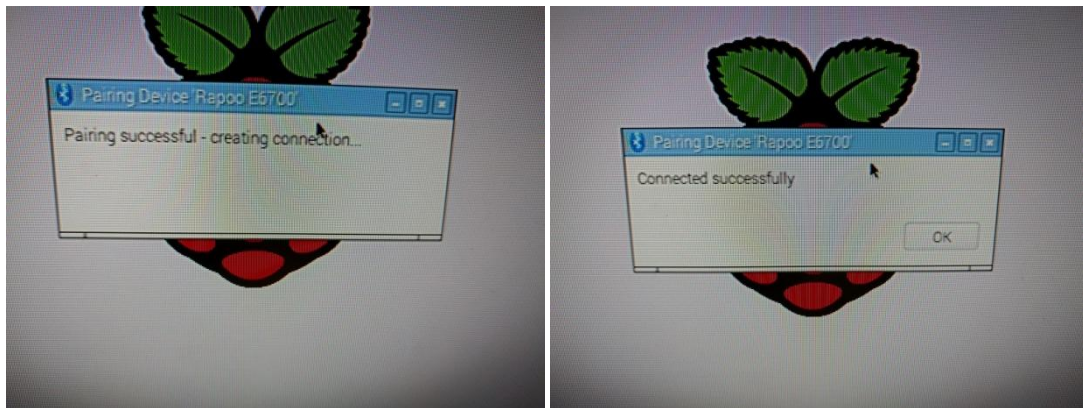


12. From the list of Bluetooth devices, select 'Rapoo E6700', and click on the 'Pair' button.

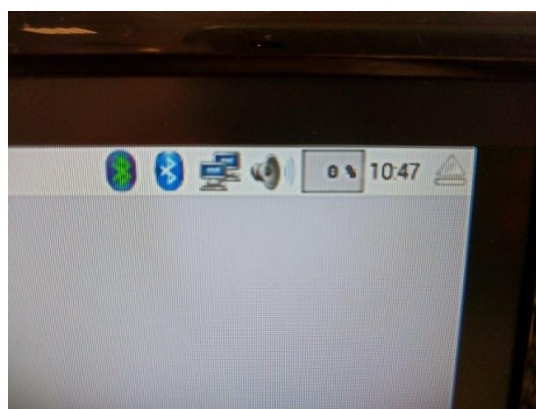
13. You should be instructed to enter a 6 digit passcode on the Bluetooth keyboard.



Type in the code, and press the enter key. At this point the keyboard should be successfully paired and connected to the Raspberry Pi.



Once the Bluetooth keyboard is connected, you should notice the second Bluetooth icon change to green, to indicate that a Bluetooth device is connected.



Alternative Setup For NOOBS/Raspbian (Using Command Line)

We have received a number of reports regarding customers being unable to connect their Bluetooth keyboard using the method above. If you have problems connecting to your

Bluetooth keyboard using this method, it should still be possible to connect your keyboard using the command window.

For more information, see:

<https://www.raspberrypi.org/forums/viewtopic.php?t=122872&p=827342>

Open a command window, and type in the commands shown below in **bold red** text. The other text shows the sorts of prompts, etc., that you should see at each stage of the process. **Note, before starting the Bluetooth scan, ensure that the keyboard is in pairing mode by pressing the 'Connect' button on the underside of the keyboard (the Bluetooth LED should start to flash).**

When entering the 'pair' command, you will need to replace the MAC address shown with the MAC address of your keyboard.

When you see the line shown in **bold blue**, enter the requested PIN code using the Bluetooth keyboard and hit 'Enter'. This should complete the pairing process.

```
pi@raspberrypi:~ $ sudo hciconfig hci0 down
pi@raspberrypi:~ $ sudo hciconfig hci0 up
pi@raspberrypi:~ $ bluetoothctl
[NEW] Controller B8:27:EB:20:99:D6 raspberrypi [default]
[bluetooth]# agent on
Agent registered
[bluetooth]# default-agent
Default agent request successful
[bluetooth]# pairable on
Changing pairable on succeeded
[bluetooth]# scan on
Discovery started
[CHG] Controller B8:27:EB:20:99:D6 Discovering: yes
[NEW] Device 6C:5D:63:22:42:BA Rapoo E6700
[bluetooth]# pair 6C:5D:63:22:42:BA
Attempting to pair with 6C:5D:63:22:42:BA
[CHG] Device 6C:5D:63:22:42:BA Connected: yes
[agent] PIN code: 383012
[CHG] Device 6C:5D:63:22:42:BA Modalias: usb:v0A5Cp8502d011B
[CHG] Device 6C:5D:63:22:42:BA UUIDs:
        00001000-0000-1000-8000-00805f9b34fb
        00001124-0000-1000-8000-00805f9b34fb
        00001200-0000-1000-8000-00805f9b34fb
[CHG] Device 6C:5D:63:22:42:BA Paired: yes
Pairing successful
[CHG] Device 6C:5D:63:22:42:BA Connected: no
[CHG] Device 6C:5D:63:22:42:BA Trusted: yes
[CHG] Device 6C:5D:63:22:42:BA Connected: yes
[bluetooth]# quit
Agent unregistered
[DEL] Controller B8:27:EB:20:99:D6 raspberrypi [default]
pi@raspberrypi:~ $
```

Further Information

We have found that the Bluetooth keyboard will automatically connect following a reboot (provided that the keyboard is switched on when you boot your Raspberry Pi). However we have also seen reports of situations where some Bluetooth keyboards do NOT automatically connect following reboot. In this situation, check the instructions relating to keyboards at the following link:-

<https://thepihut.com/blogs/raspberry-pi-tutorials/17841464-bluetooth-installing-and-using-bluetooth-on-the-raspberry-pi>

Setup Instructions for OSMC

Instructions for connecting to a Bluetooth keyboard when running OSMC can be found at the following link:-

<https://osmc.tv/wiki/general/connecting-a-bluetooth-device/>

When following these instructions, on step 4 (connect to Bluetooth device) it is necessary to select the 'Pair with PIN' option, at which point you will be prompted to enter a 6 digit PIN number on the Bluetooth keyboard, followed by the 'Enter' key.