

UNIX & LINUX

Pairing LOGITECH K380 in Ubuntu 20.04

Asked 2 years, 4 months ago Modified 1 year, 2 months ago Viewed 17k times



16



I connected to my new K380 **without the pairing process** using bluetooth manager. After that, using for some time, I notice that the keyboard was not answering anymore, and I've always to reconnect it to have it working.

I'd like to know if there is a commandline way to get it paired, because the bluetooth manager says that there is a "Pairing problem with the device".

I'm using Ubuntu 20.04 with a Dell Latitude e5450 and Intel Wireless 7265 (rev 59)

ubuntu

keyboard

bluetooth

Share Improve this question Follow

edited Aug 6, 2021 at 18:16



Roman Riabenko
1,843 2 12 34

asked Jun 1, 2020 at 11:19



tonispa
311 1 3 6

- 1 This worked for me on Ubuntu Mate + Logitech K380 keyboard. The GUI bluetooth tools on Ubuntu Mate didn't show me the pairing code from the keyboard despite repeated pairing attempts. Doing it "manually" via `bluetoothctl` finally worked. Now the keyboard re-connects automatically. Thanks for your hard work. – [dgo.a](#) Jun 25, 2021 at 17:35 ✎

1 Answer

Sorted by:

Highest score (default) ▾



The author of the question provided the following solution.

11



Install `bluetoothctl` if it is not already installed. In Ubuntu 20.04 it comes with the default install.



In terminal, run the command `bluetoothctl`:



```
$ bluetoothctl
Agent registered
```

```
[MX Vertical]# agent on
Agent is already registered
```

Start the scan:

```
[MX Vertical]# scan on
Discovery started
```

```
[CHG] Controller DC:53:60:0E:0A:C8 Discovering: yes
[CHG] Device 34:88:5D:EF:19:51 RSSI: -49
[CHG] Device 34:88:5D:EF:19:51 Class: 0x00002540
[CHG] Device 34:88:5D:EF:19:51 Icon: input-keyboard
[CHG] Device 88:0F:10:87:00:F1 RSSI: -87
```

In this output, the MAC address of the keyboard is this one: 34:88:5D:EF:19:51. Copy it! Then stop the scan:

```
[MX Vertical]# scan off
[CHG] Device 88:0F:10:87:00:F1 RSSI is nil
[CHG] Device 34:88:5D:EF:19:51 RSSI is nil
[CHG] Controller DC:53:60:0E:0A:C8 Discovering: no
Discovery stopped
```

Trust the device with:

```
[MX Vertical]# trust 34:88:5D:EF:19:51
[CHG] Device 34:88:5D:EF:19:51 Trusted: yes
Changing 34:88:5D:EF:19:51 trust succeeded
```

And pair it. Now the passkey shown in terminal (300892 in this case) must be typed in keyboard, and after that an should be pressed. It'll look like this:

```
[MX Vertical]# pair 34:88:5D:EF:19:51
Attempting to pair with 34:88:5D:EF:19:51
[CHG] Device 34:88:5D:EF:19:51 Connected: yes
[agent] Passkey: 300892
[agent] Passkey: 00892
[agent] Passkey: 0892
[agent] Passkey: 892
[agent] Passkey: 92
[agent] Passkey: 2
[agent] Passkey:
```

Hit now.

```
[CHG] Device 34:88:5D:EF:19:51 Modalias: usb:v046DpB342d4201
[CHG] Device 34:88:5D:EF:19:51 UUIDs: 00001000-0000-1000-8000-00805f9b34fb
[CHG] Device 34:88:5D:EF:19:51 UUIDs: 00001124-0000-1000-8000-00805f9b34fb
[CHG] Device 34:88:5D:EF:19:51 UUIDs: 00001200-0000-1000-8000-00805f9b34fb
[CHG] Device 34:88:5D:EF:19:51 ServicesResolved: yes
[CHG] Device 34:88:5D:EF:19:51 Paired: yes
Pairing successful
[CHG] Device 34:88:5D:EF:19:51 ServicesResolved: no
```

```
[CHG] Device 34:88:5D:EF:19:51 Connected: no
```

```
[MX Vertical]# connect 34:88:5D:EF:19:51
Attempting to connect to 34:88:5D:EF:19:51
[CHG] Device 34:88:5D:EF:19:51 Connected: yes
Connection successful
[CHG] Device 34:88:5D:EF:19:51 ServicesResolved: yes
```


And finally it's working!

Share Improve this answer Follow

edited Aug 6, 2021 at
16:11

community wiki
2 revs
Roman Riabenko

-
- 2 This method works. Some comments though. My laptop wasn't properly discovering the K380 keyboard until I made my laptop's bluetooth discoverable. I did this via the Bluetooth applet under "Adapters". In the "Attempting to pair" step, I had to hold the F1 (Bluetooth 1) key for three seconds until it starts rapidly blinking. After that I could execute the "pair" command and type the security code on the keyboard. – [Ferry Boender](#) Aug 7, 2021 at 7:39
-

 **Highly active question.** Earn 10 reputation (not counting the [association bonus](#)) in order to answer this question. The reputation requirement helps protect this question from spam and non-answer activity.