



## FREQUENTLY ASKED QUESTIONS

### USB KILLER DETECTOR

Instant Devices

VERSION 1

#### **What is the use of this device?**

Device detects a USB Killer, which is a USB flash drive that damages hardware. Device works as a security layer to protect your computer/phones or any other device that has a USB port.

#### **Does this device require batteries?**

Yes, this device requires the following battery:

<https://www.digikey.com/en/products/detail/sparkfun-electronics/PRT-13813/6605198>

<https://www.sparkfun.com/products/13813>

#### **Can I recharge batteries using device?**

Of course!

#### **Will a regular USB flash drive be damaged if connected to device?**

No, regular USB flash drives are not damaged.

USB Killers will still be functional after device detection.

#### **Are batteries included in my purchase?**

Batteries are NOT included in your purchase.

**Can this device be used as a middle point between USB flash drive and computer/phone?**

No, device will only show if USB flash drive inserted is a USB Killer.  
Data transference is not possible in this version yet.

**How do I know if device is on, charging or if USB flash drive will damage my computer/phone?**

Charging = yellow light turns on.

On (ready to detect) = green light.

USB Killer detected = red light turns on.

**How long does a battery charge last?**

This depends on the use. Regularly, a fully charged battery can last several days.

**How should I use this device?**

Insert USB flash drive into USB port and press switch. Repeat this step at least 2 times.

**Is there a limit in the number of times I can detect a USB Killer?**

Battery charge is the limitation.

**Does this device have a case?**

There are currently 2 different cases available, which are both compatible with PCB and battery.

One case request battery to be internal. This case should have a Nomex Sheet between PCB and battery.

The other case was designed to allow battery to be removable. The following JST PH extension cable should help remove battery in an easier way.

<https://www.adafruit.com/product/1131>

Neither Nomex Sheet nor extension cable are included in the purchase.

#### **How many versions does this device have?**

There are 2 versions: This version (battery powered) and a non-battery version, which should be available soon.

#### **What is the future of this device?**

We plan to add data transference and also some minor changes to PCB in order to increase reliability.

#### **Is intellectual property legally protected?**

Device is patent pending.

#### **What company and configuration do you recommend for 3D printing?**

We recommend using Sculpteo.

SLS (Plastic)

Nylon PA12 100-120µ (White)

Finish: Dyed Polished, Black

**What weaknesses have this device? How do you plan to solve them?**

If USB Killer is connected to micro-USB port (charging port), then detector should be affected. We are already working in a solution, which should be out in the next revision of this version.

**What charger do you recommend to charge device?**

Regular micro-USB phone chargers with an output of 5V/1A or also 5V/2A.

**What screws uses case of device?**

Self-tapping M2x6 screws.

**If I have a question/problem, how may I ask for a solution?**

Post a question in device campaign forum.

**Is there any troubleshooting guide?**

Yes, there is a troubleshooting guide.

**How is this device superior to competitors?**

Device can detect USB Killers without involving a valuable hardware in the process. Besides, device is small, portable and its use is very straightforward. Device can be used at any place and time. Finally, obtaining a result takes less than a minute, if not a few seconds.