

Eobody2 Connections: A Quick Overview


External powering

Some sensors need more than the USB current. In this case, you can power the unit externally with a 9 V DC / 500 mA power supply. Connect the 9 V DC / 500 mA power supply into the power plug connector of Eobody2. The red activity LED lights up when the unit is well connected. An internal fuse is activated when not plugged right to avoid major internal damages.



USB in to be connected to your computer or to a USB hub

USB enables self powering. Just plug the usb from Eobody2 to your computer usb in. The red activity LED lights up when the unit is well connected.

 Keep in mind that the power delivered via USB is not always stable and, depending on your computer, can be too weak to power sensors which would normally require a 0,5V.

6,35" jack sensor analogue inputs

Eowave sensors compatible with eobody2 interface have TRS 1/4" jack connectors. Note that Eowave sensors compatible with Eobody1 are compatible with Eobody2. Other kind of sensors can also be used. (See Make Your Own Sensor DIY Tutorial)



How do I know that I need an external powering?

All 5V sensors need external powering. Eowave 5V sensors are distance sensors.



Check the activity LED!

In most cases, when the activity LED stops lighting when a new sensor is plugged, it indicates a bad contact. Now, the activity LED can also indicate that an external powering is required if it does not light when a new sensor is plugged. Try to unplug some sensors to reduce powering needs. If the activity LED lights up again when less sensors are plugged, connect an external powering before plugging more sensors.



Note that this is highly recommended to connect the sensors to Eobody2 before starting your sequencer software.



Unplugging sensors while using your sequencer software may cause breaks during the usb data transmission which could lead you to restart your software.