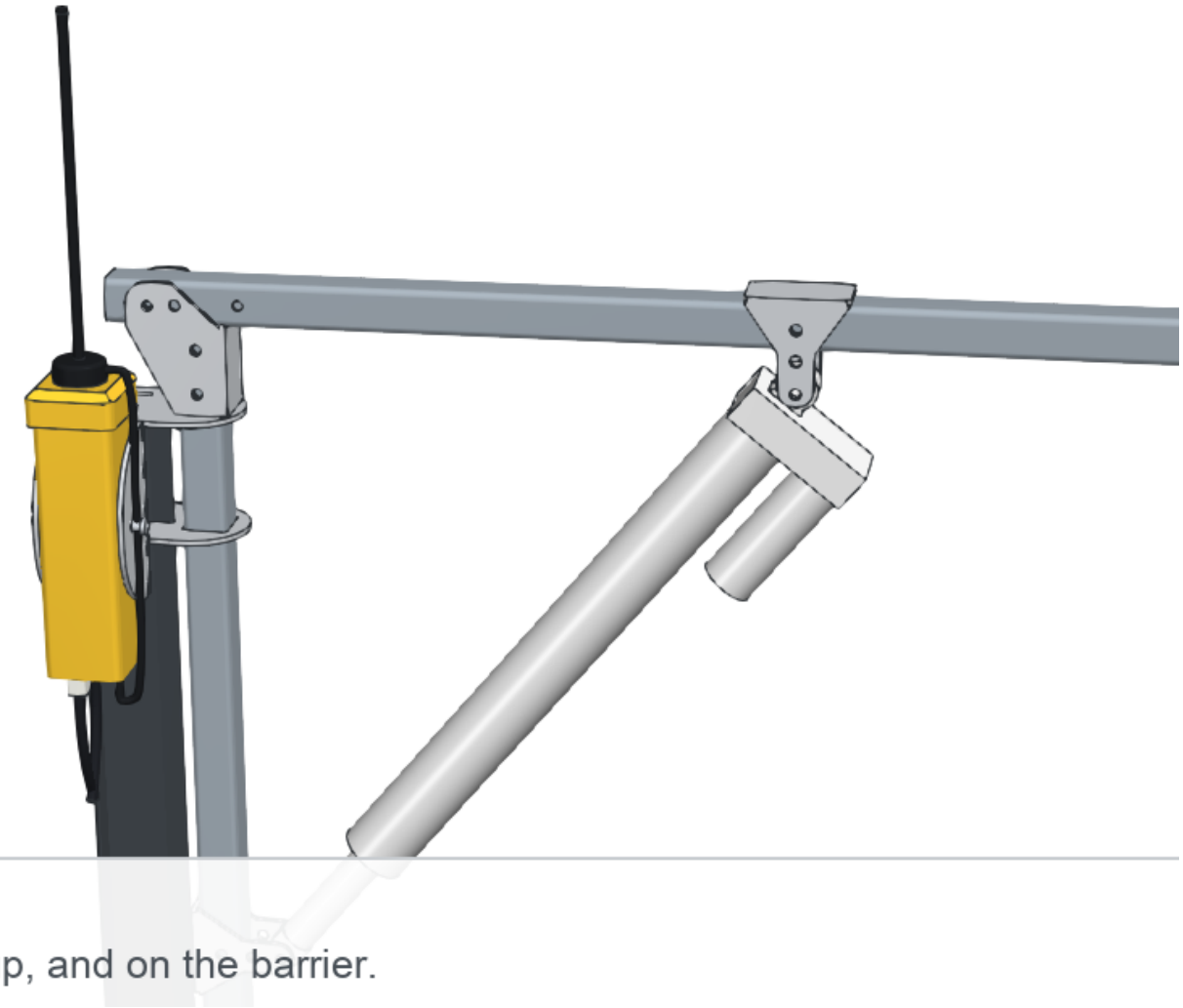
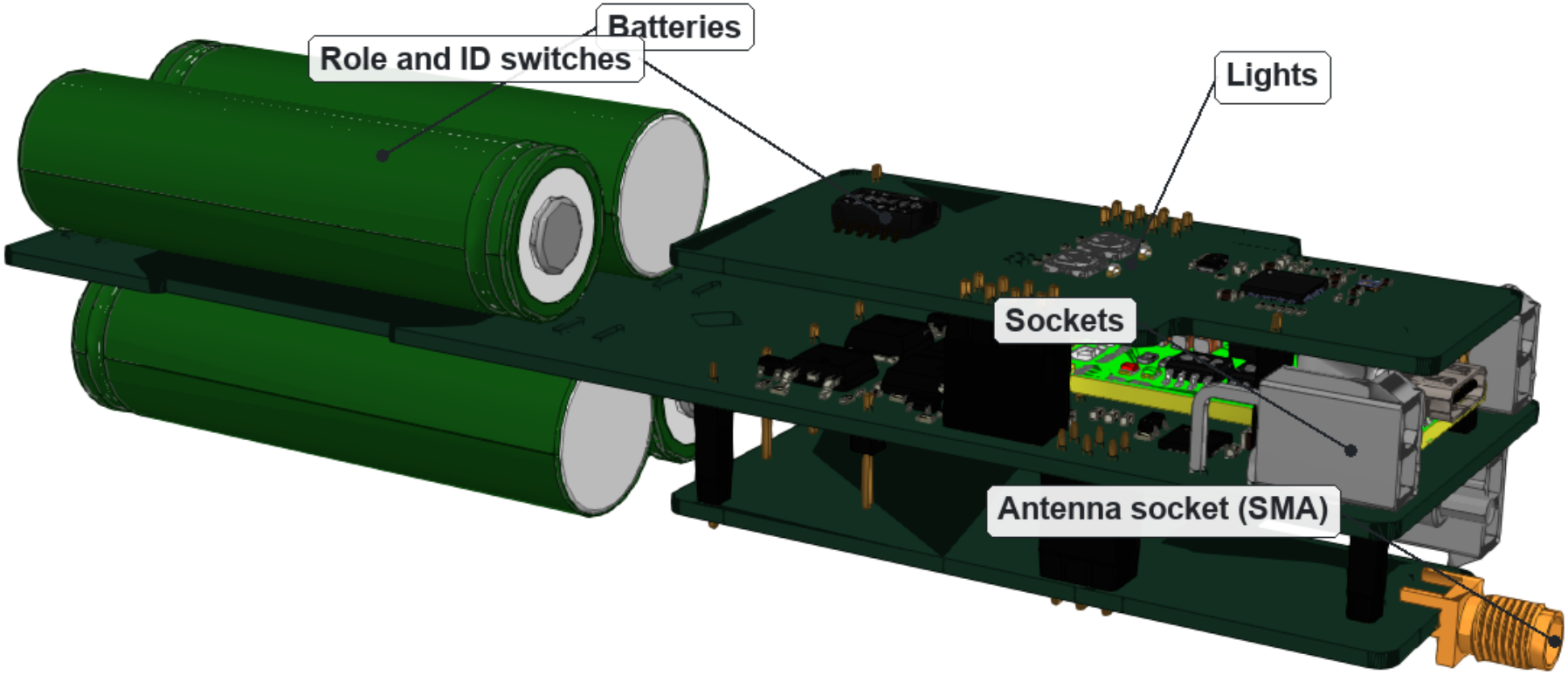


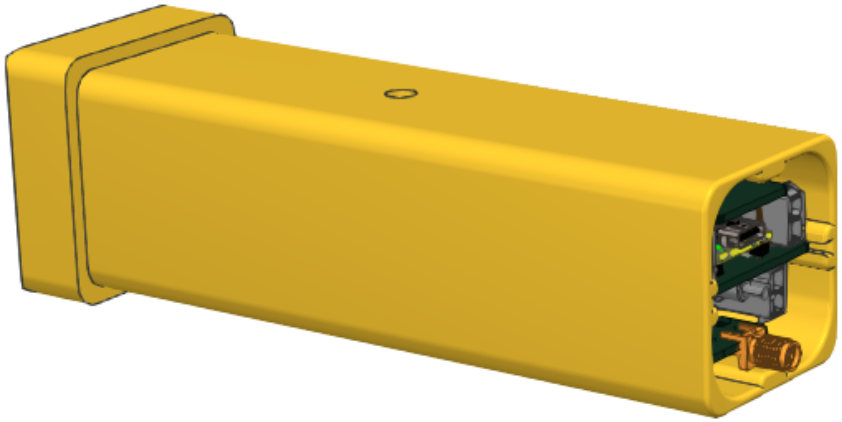
barrierView controller guide

Seven sections: the controllers, setting them up, and on the barrier.



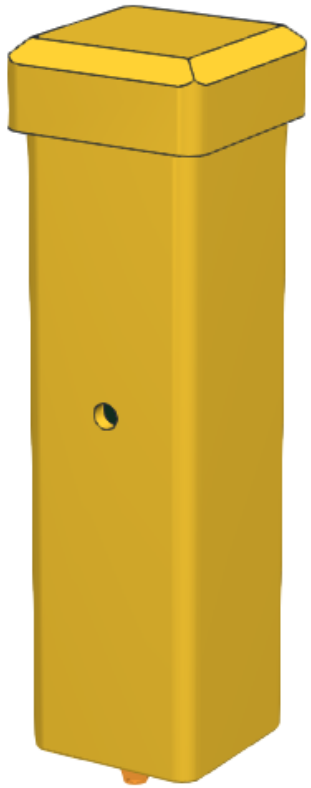
1.1 The barrier controller

Two radios: Bluetooth to your phone, LoRa to the barriers. Its batteries are built in.



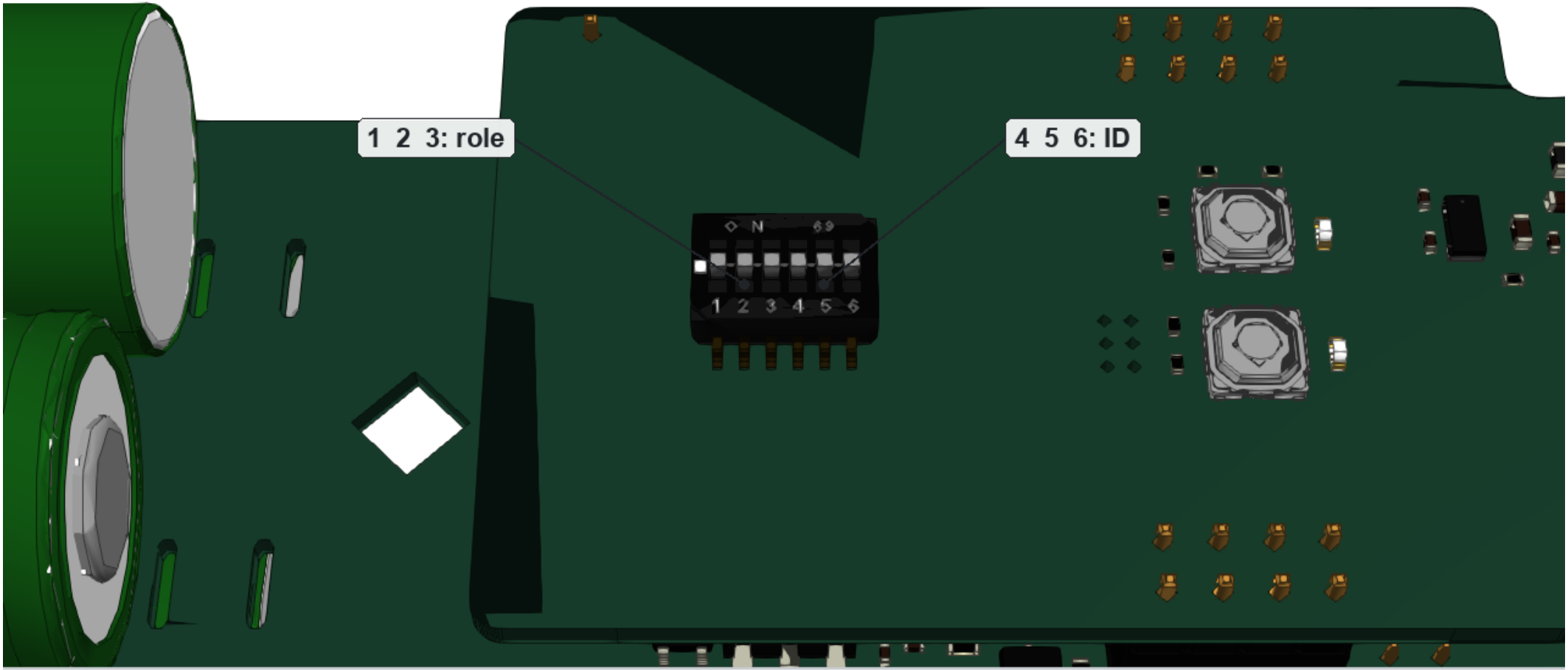
1.2 Into its case, battery end first

Along the case's slot until it stops: its centre hole meets the case's.



1.3 Open end down

Hold it by the case, not the board: static can damage it. The open end faces the ground.



2.1 Six switches on the radio board

1 to 3, nearest the batteries, set its role; 4 to 6 its ID, 1 to 8.

Switches 1, 2 and 3 (nearest the batteries): the role



Slave
the second arm of a two-arm barrier

Master
the first arm of a two-arm barrier

Gate
a gate or a one-arm barrier

Repeater
passes on the messages of its ID

Bluetooth controller
talks to the phone (MONITOR)

APP
role and ID set from the app

2.2 The role

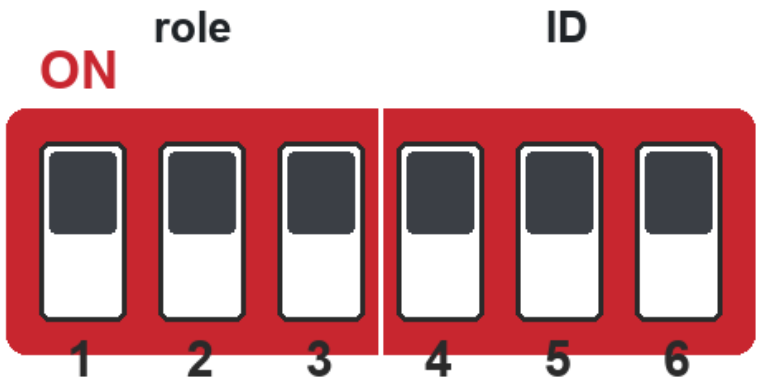
A two-arm barrier has a master and a slave; one arm or a gate, a gate controller.

Switches 4, 5 and 6: the ID, the number on the barrier's sign



2.3 The ID

Each barrier its own, the number on its sign. A repeater takes the ID it relays.

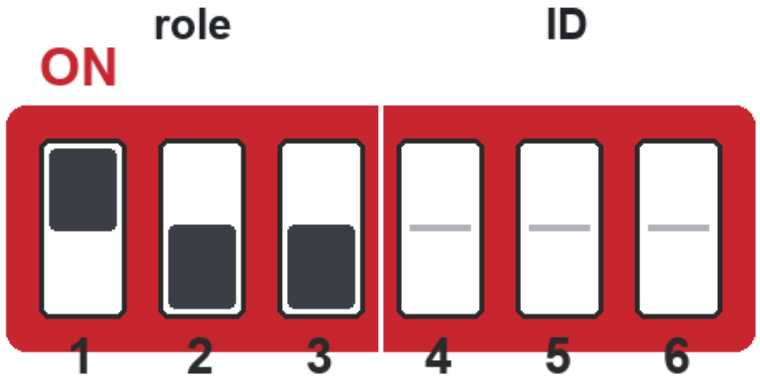


Slave, ID 1

Switches 1 to 6 all on

2.4 Example: a slave on barrier 1

All six on. Set the master of the same barrier to ID 1 as well.

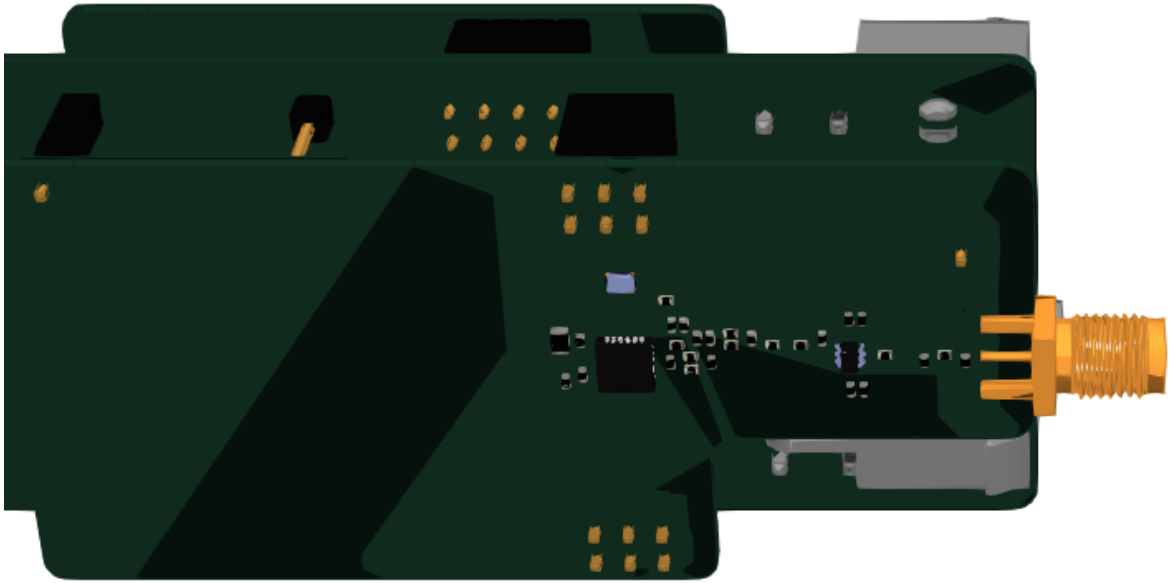


APP

Switch 1 on, 2 and 3 off; the app guide's Scan and Set does the rest

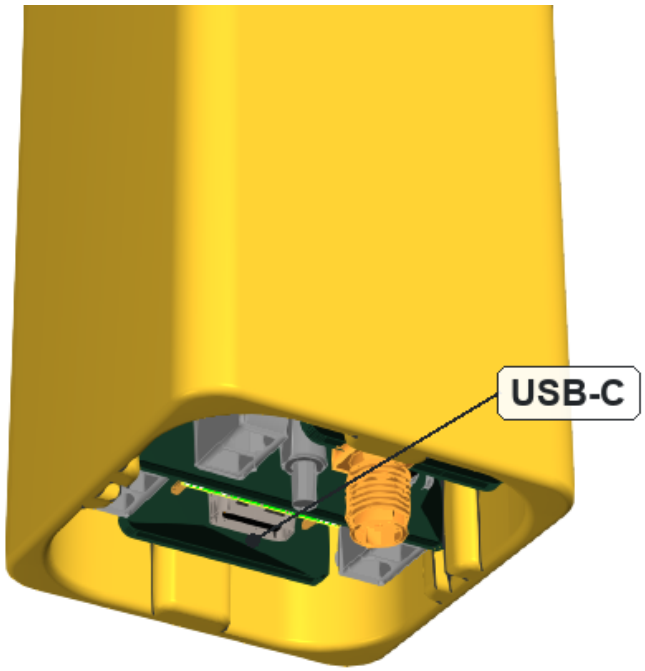
2.5 APP: set from the phone

With 1 to 3 at APP, the app's Scan and Set picks the role and ID.



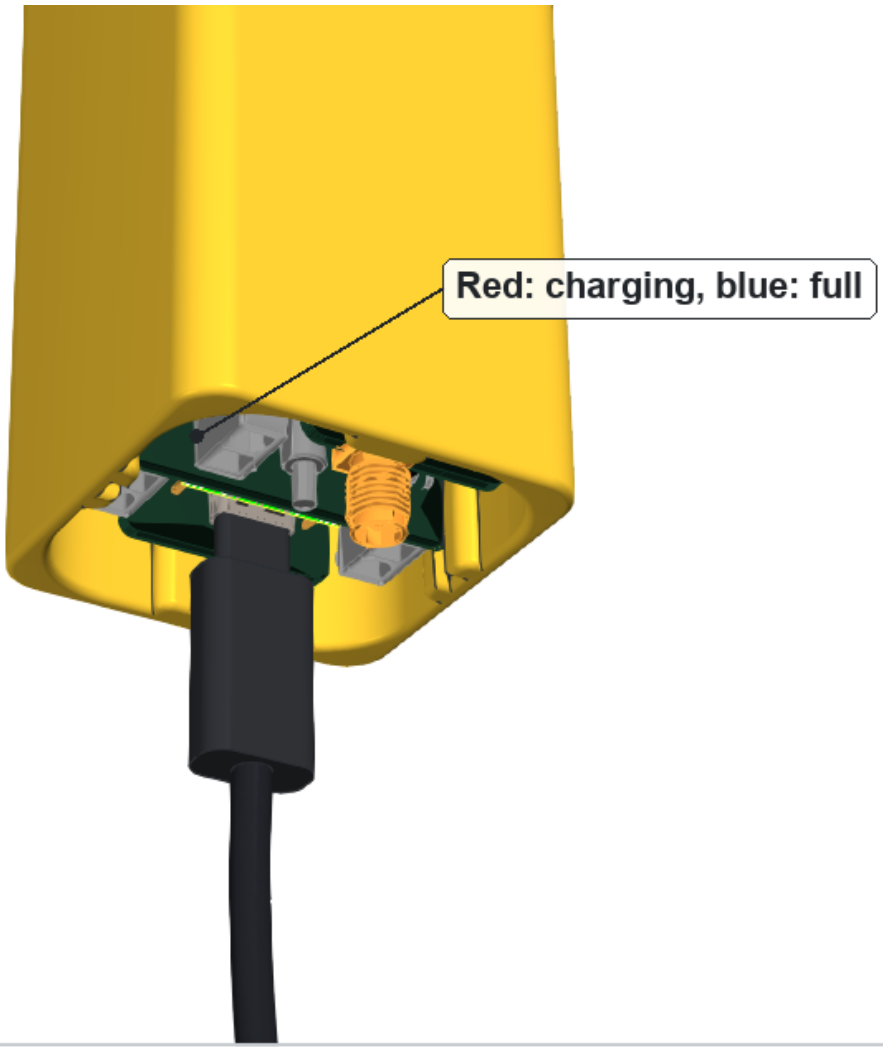
2.6 Then switch it off and on

The switches are read once, as it starts: after a change, switch it off and on.



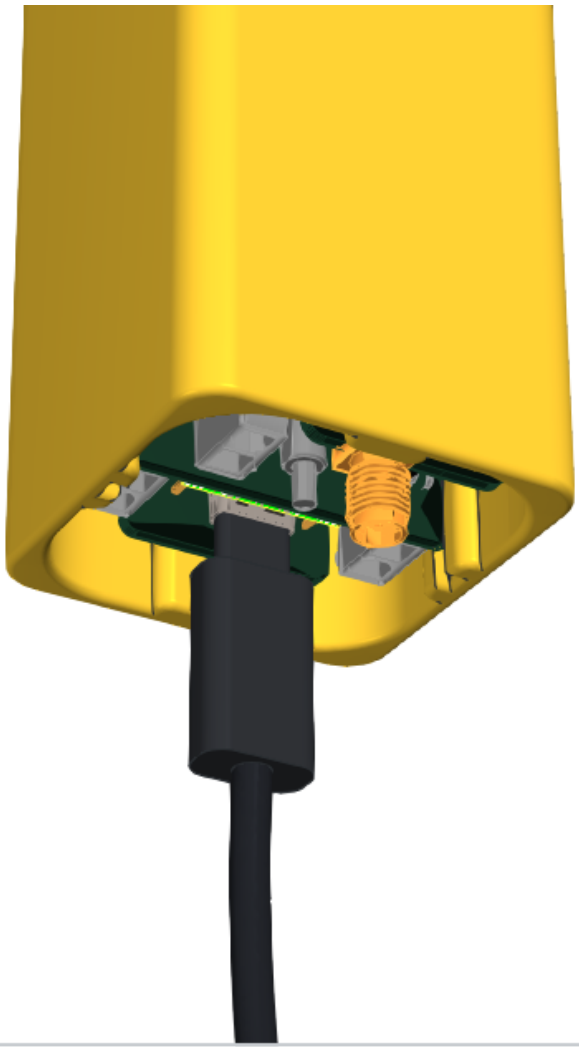
3.1 The USB-C socket

At the open end, beside the sockets. Use a 5 V USB charger and cord.



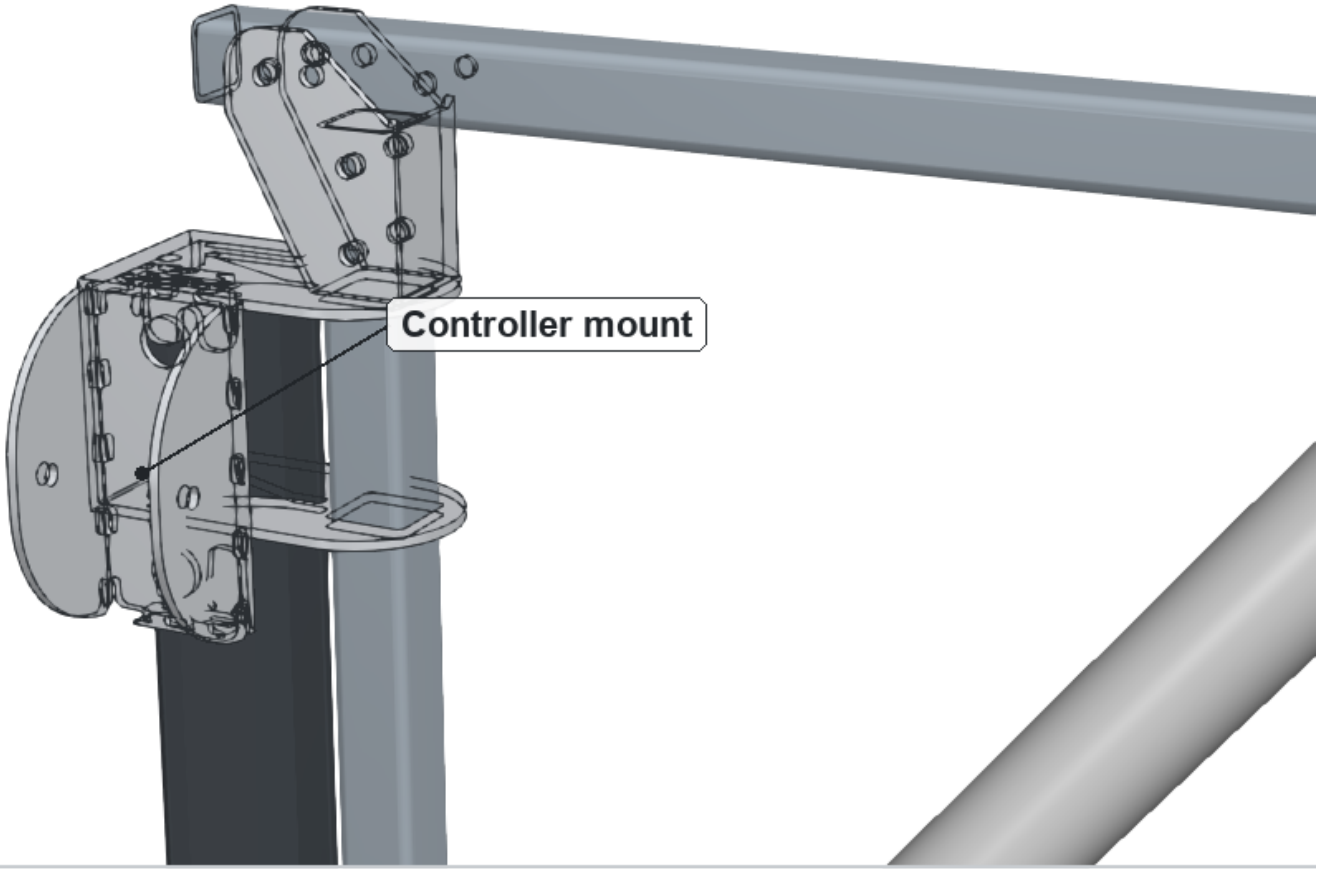
3.2 Plug in

Its light is red while it charges and turns blue when full: 6 to 8 hours from flat.



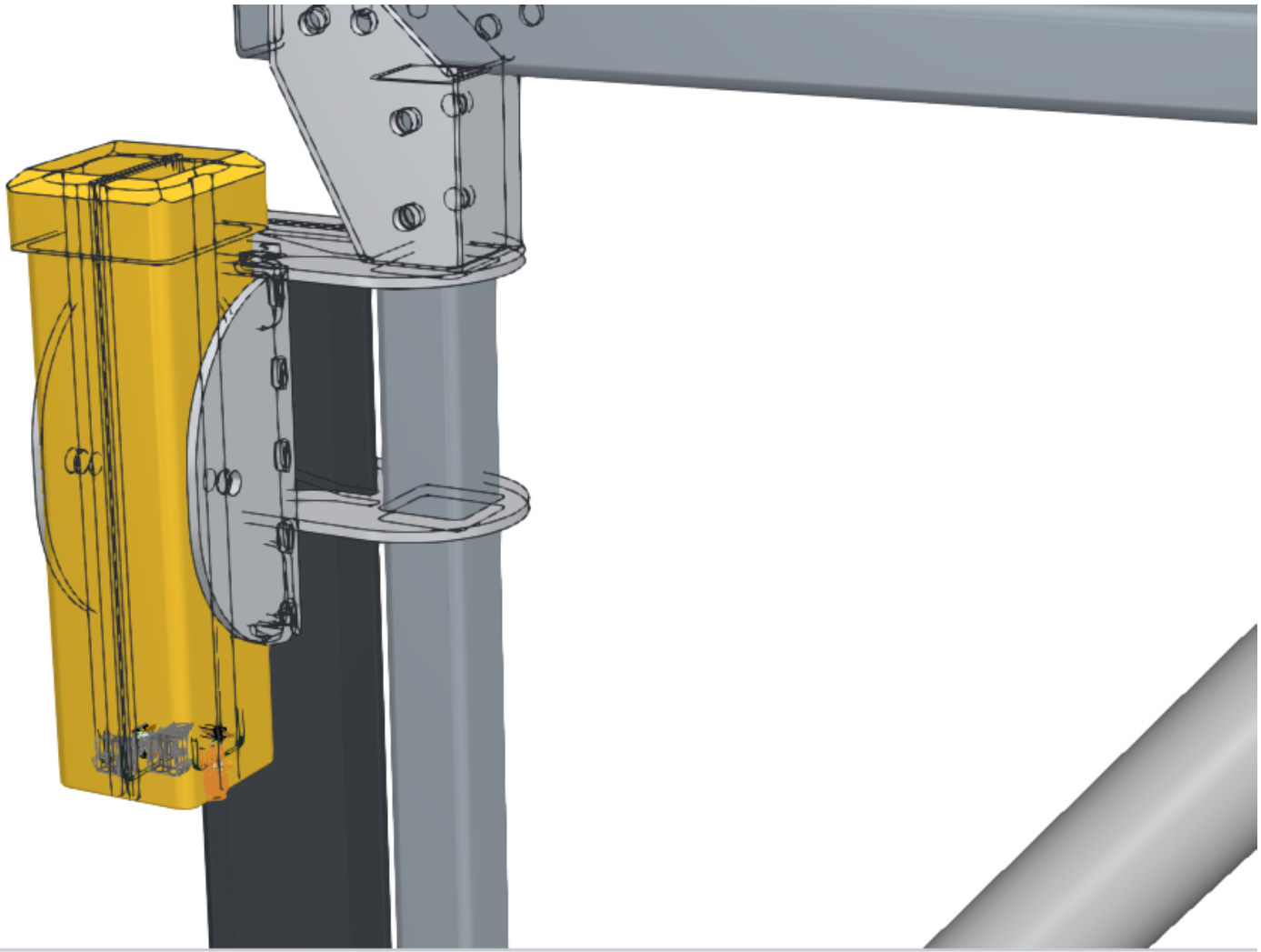
3.3 After a short circuit

If it will not switch on after a short, plug the charger in to reset it.



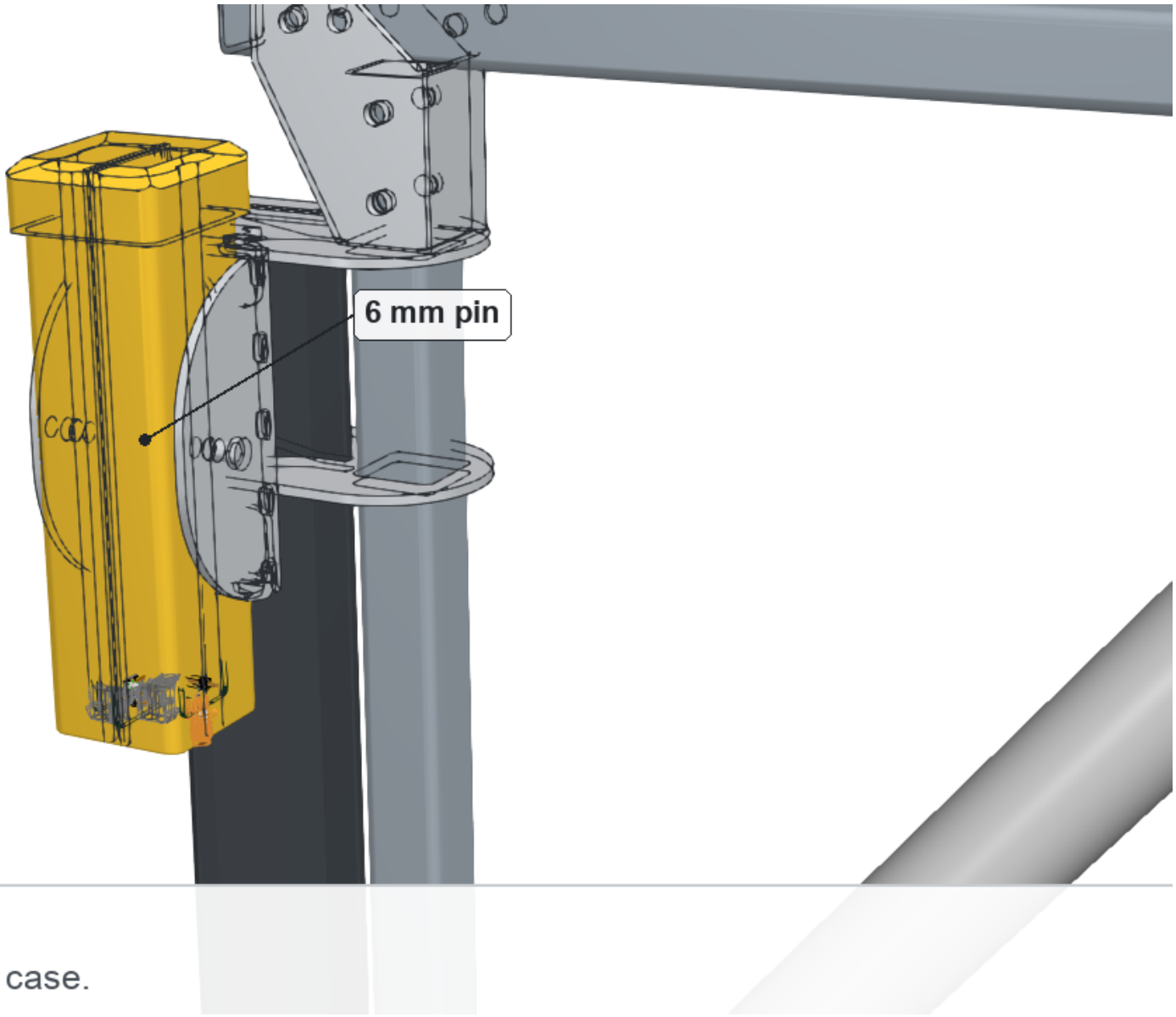
4.1 The mount onto the top post bracket

A hook's tip down through either slot in its top, over the edge.



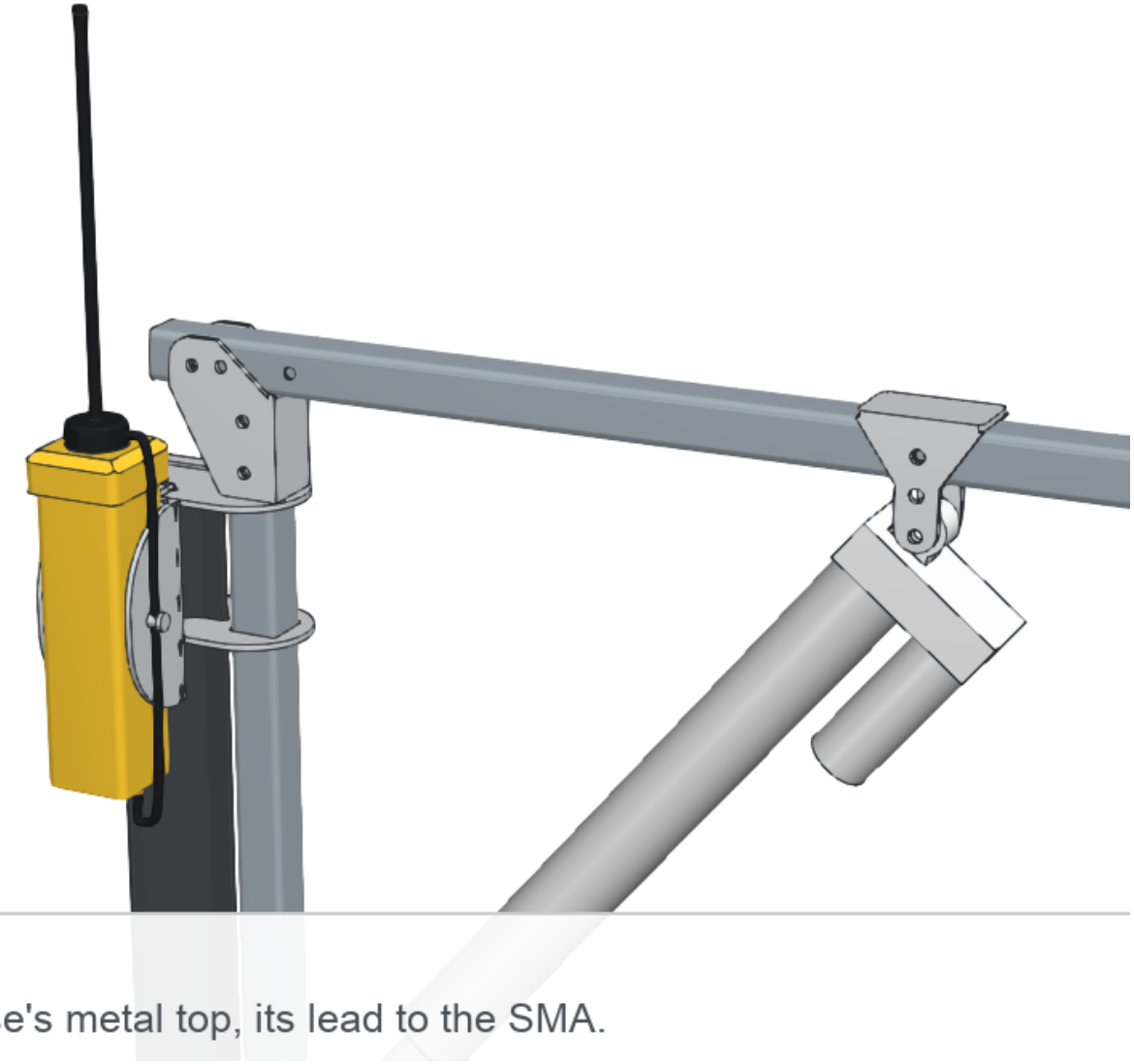
4.2 The controller into the mount

Sockets down, between the mount's cheeks, its hole in line with theirs.



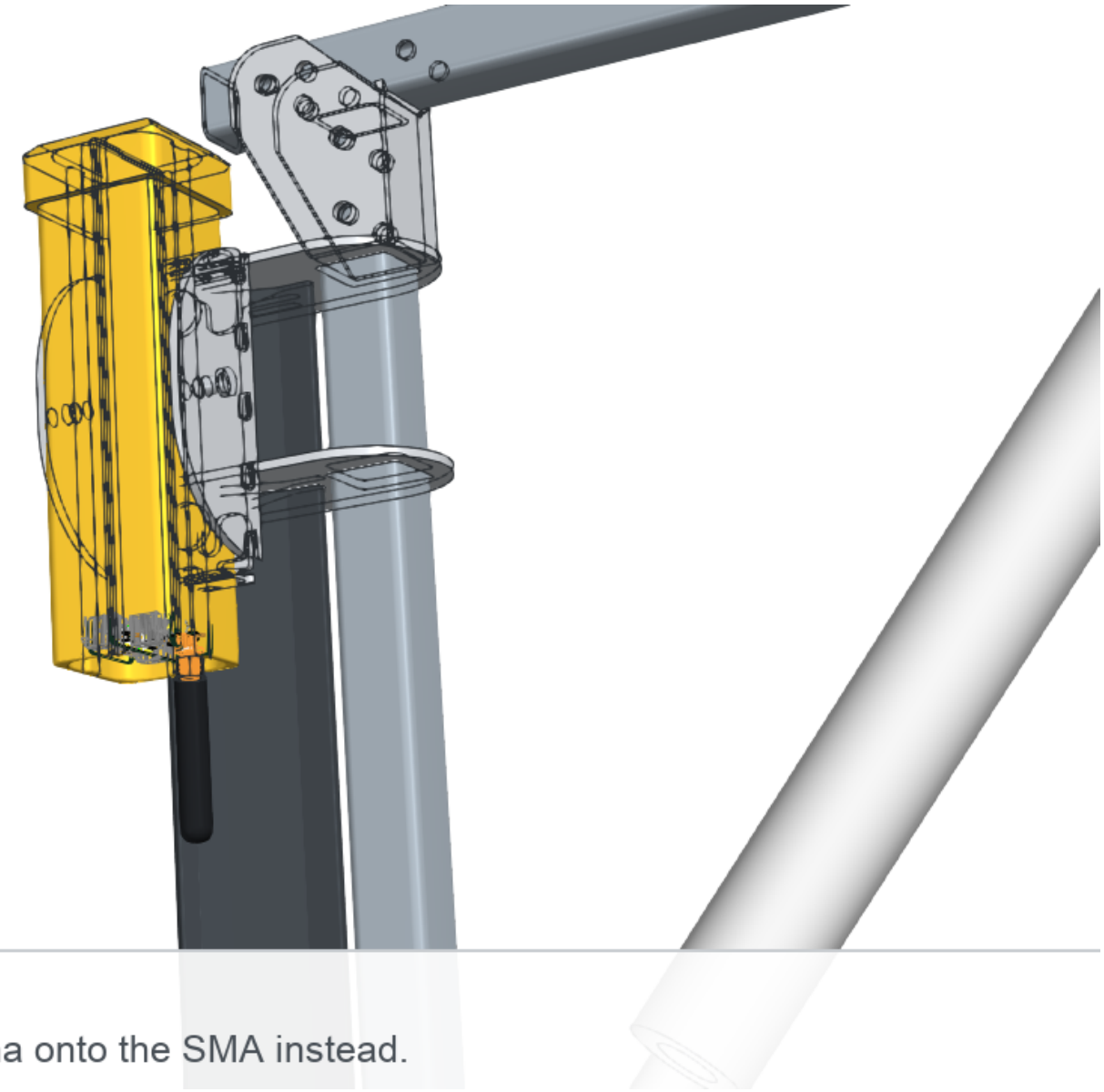
4.3 The 6 mm pin

Through the mount's cheeks and the case.



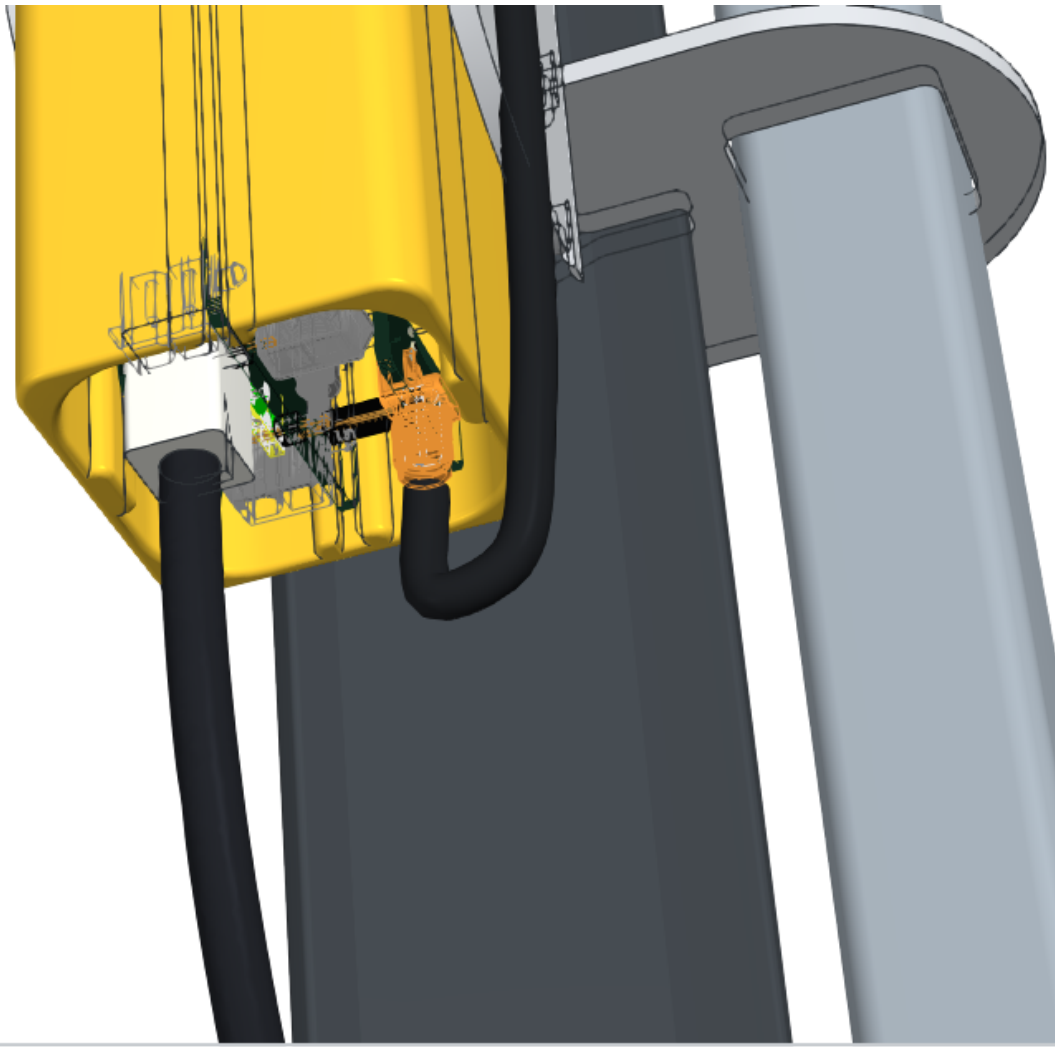
4.4 Magnetic antenna

Master, gate and Bluetooth controller: on the case's metal top, its lead to the SMA.



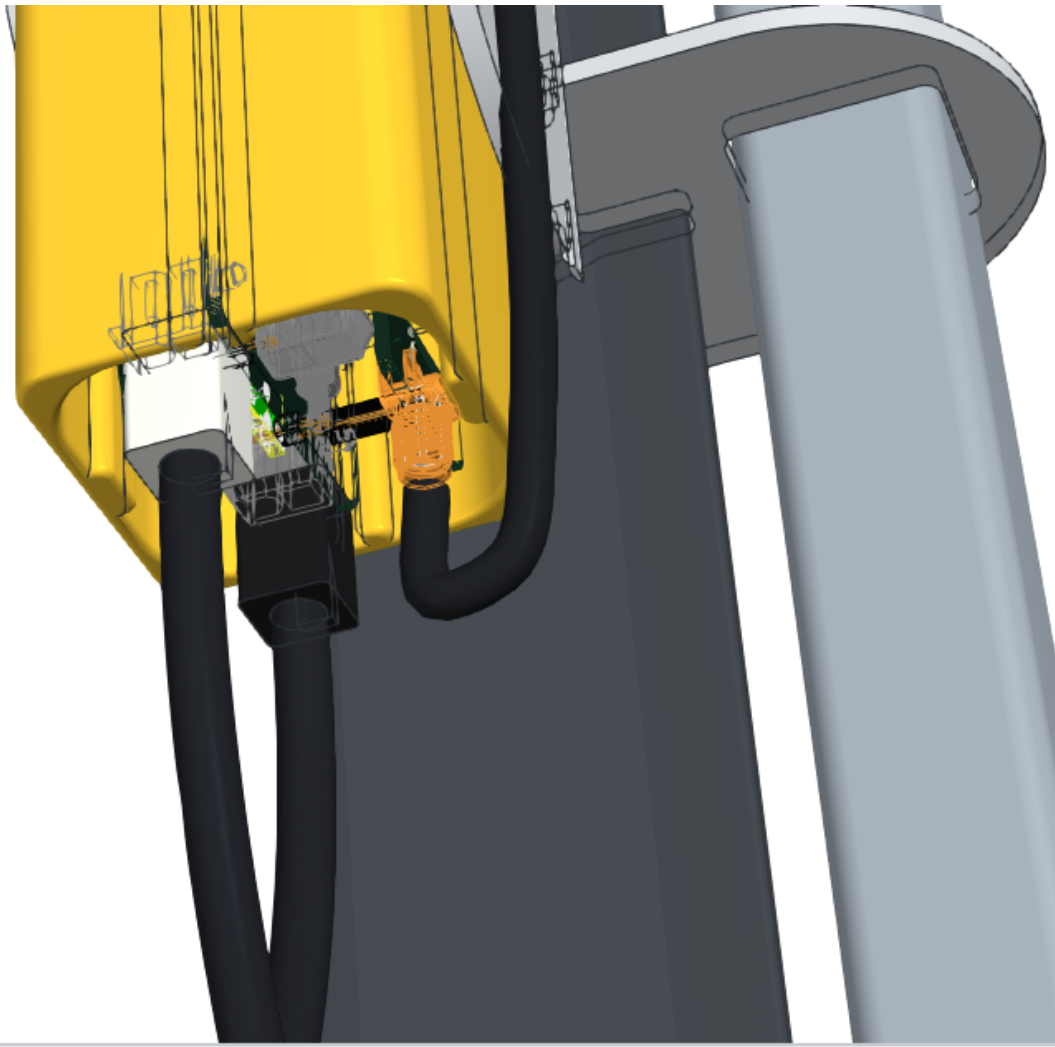
4.5 Stub antenna

A slave controller: screw the short stub antenna onto the SMA instead.



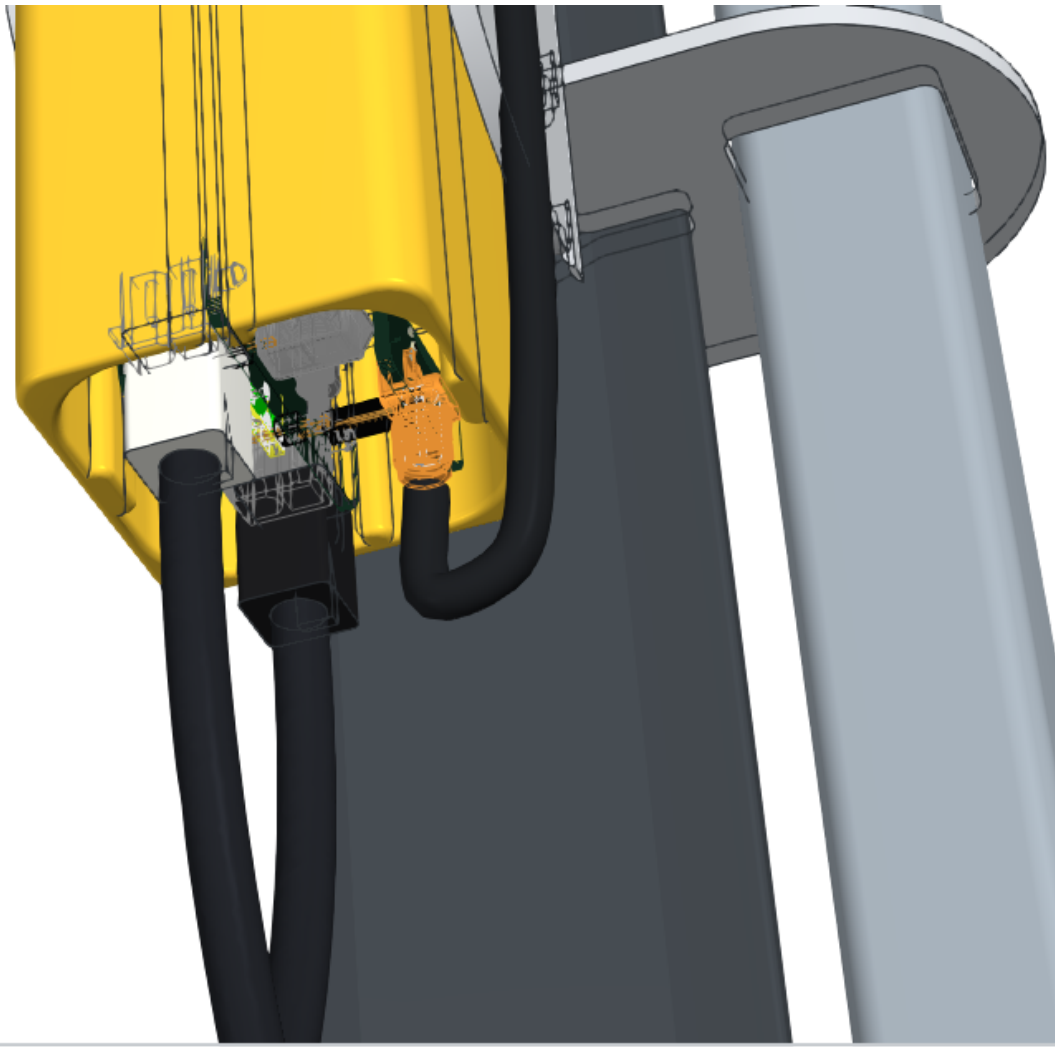
5.1 White plug: the actuator

Colour into colour: the actuator's white plug, the white socket.



5.2 Black plug: the tilt sensor

The tilt sensor's black plug into the black socket.



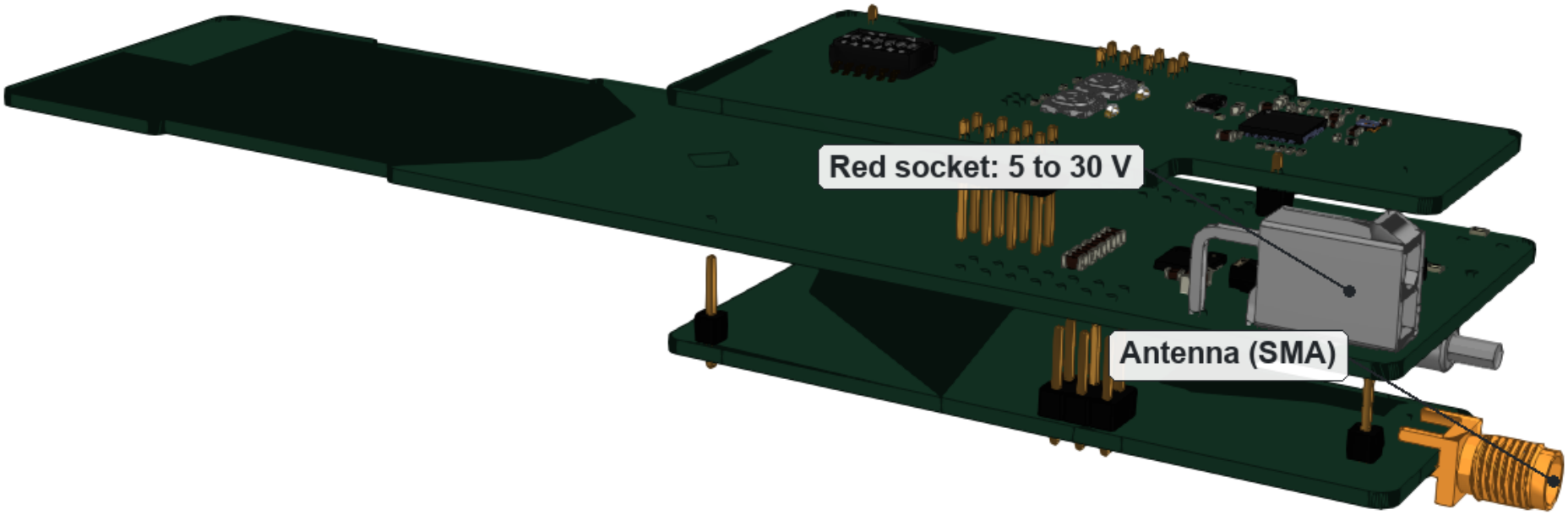
5.3 Switch on

The power light blinks every 2.5 s; the Bluetooth light stays on until the app connects.



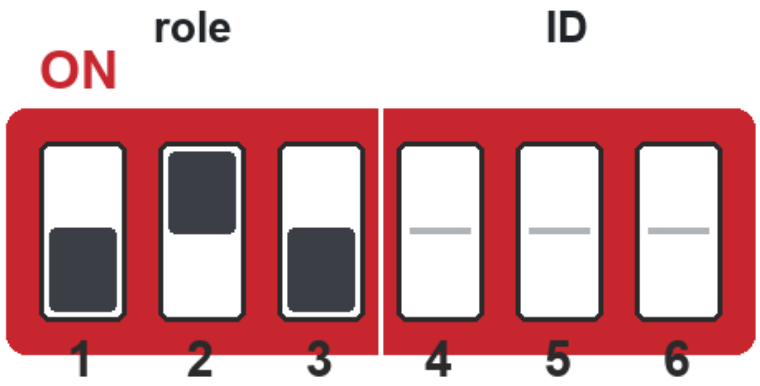
5.4 Keep clear

A master, slave or gate controller moves its arm when it is switched on.



6.1 The Bluetooth controller

Like the barrier controller, without batteries; set its role to Bluetooth controller.

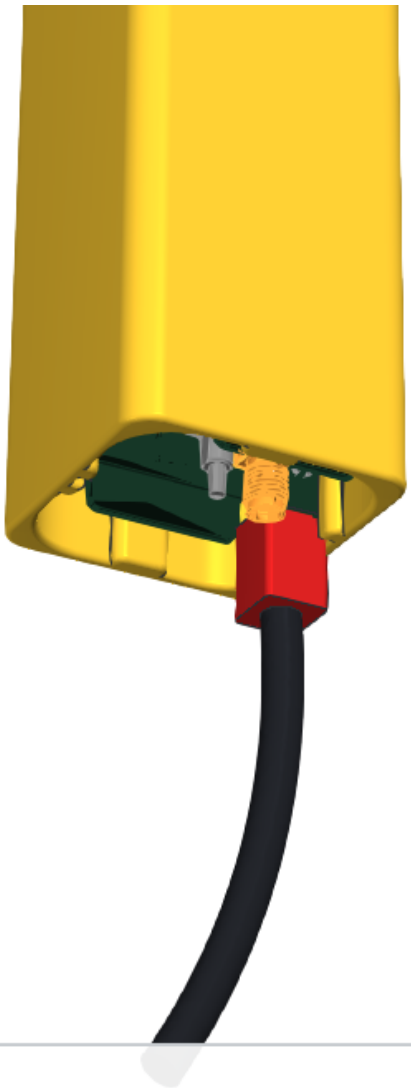


Bluetooth controller

Switch 1 off, 2 on, 3 off

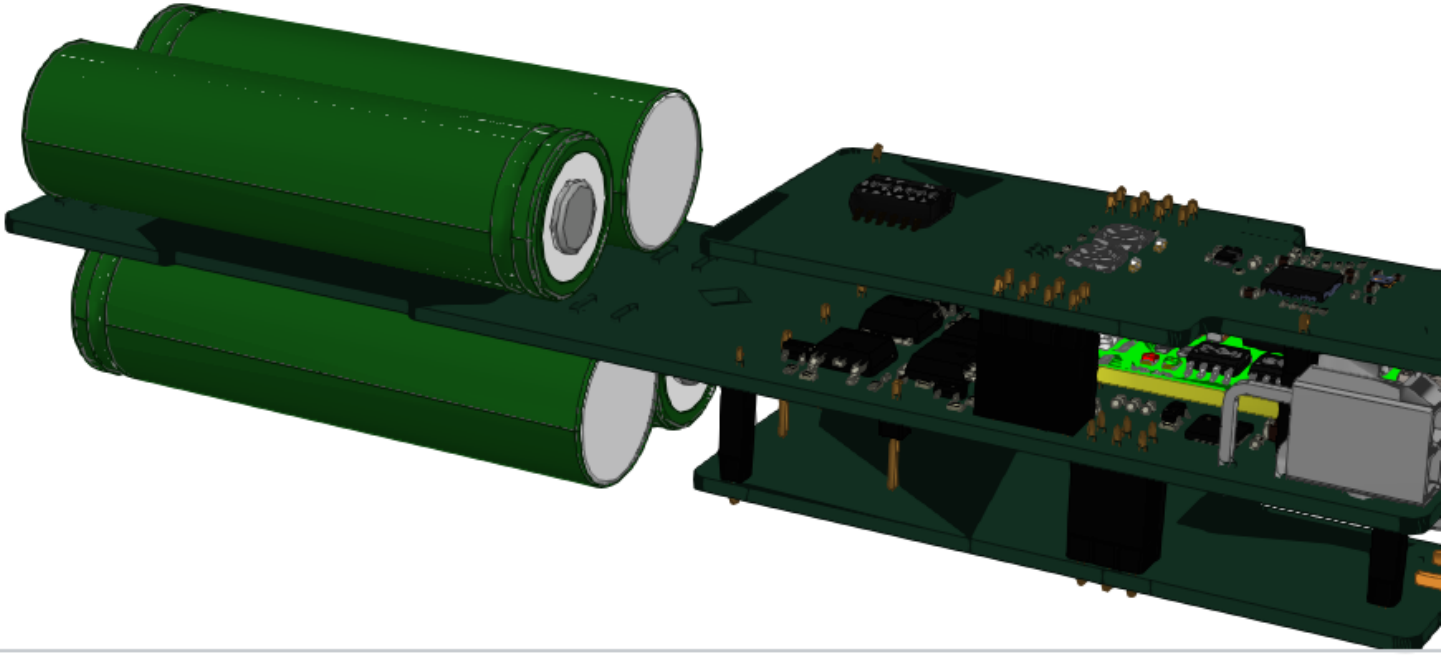
6.2 Its switches

Role: Bluetooth controller. It stays with the phone; the barriers come to it.



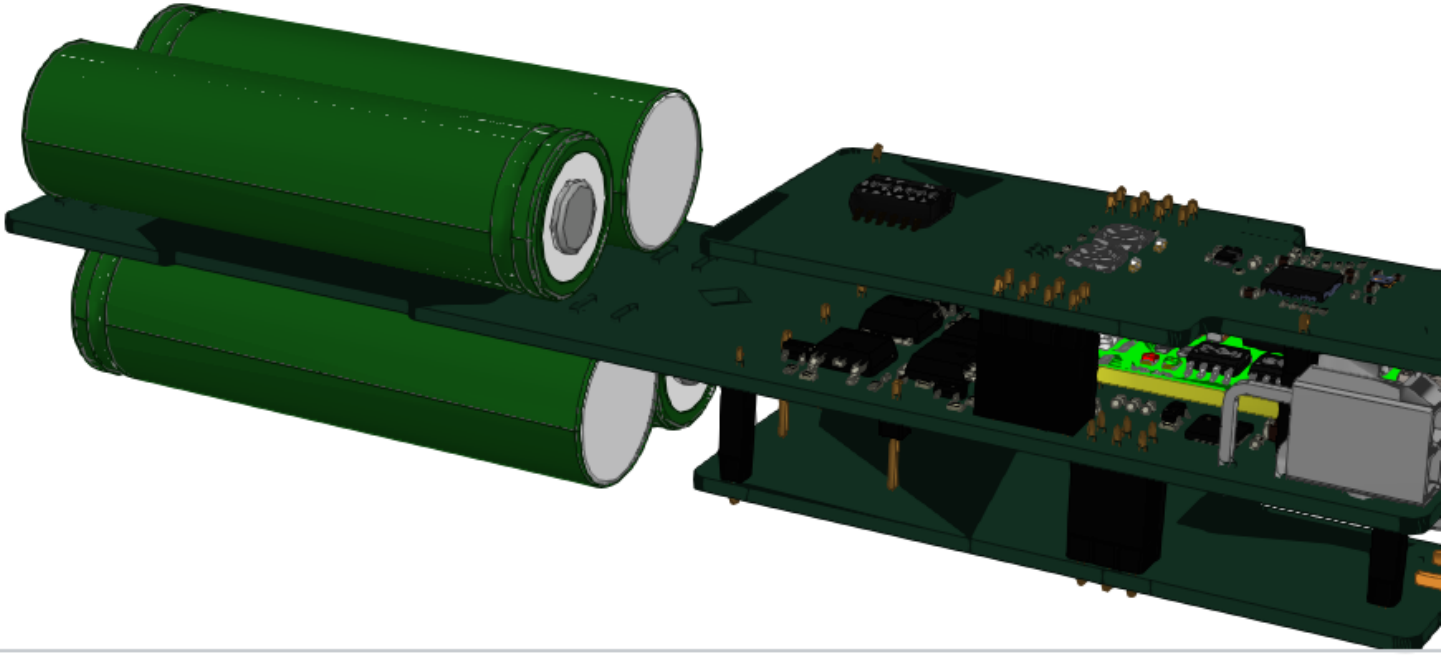
6.3 In a vehicle

The red cord to the vehicle's battery: many USB sockets go dead with the key off.



7.1 Lithium-ion cells

Don't crush, puncture, heat, wet or short them; stop using a swollen or leaking one.



7.2 Charging

Only with a 5 V USB charger, and not for longer than it needs. Recycle old cells.



7.3 Don't take it apart

Don't open or repair the radio or the actuator. Keep clear of a moving barrier.