



## SMALLTRACK MOUNTING GUIDE CAR – SSV - TRUCK

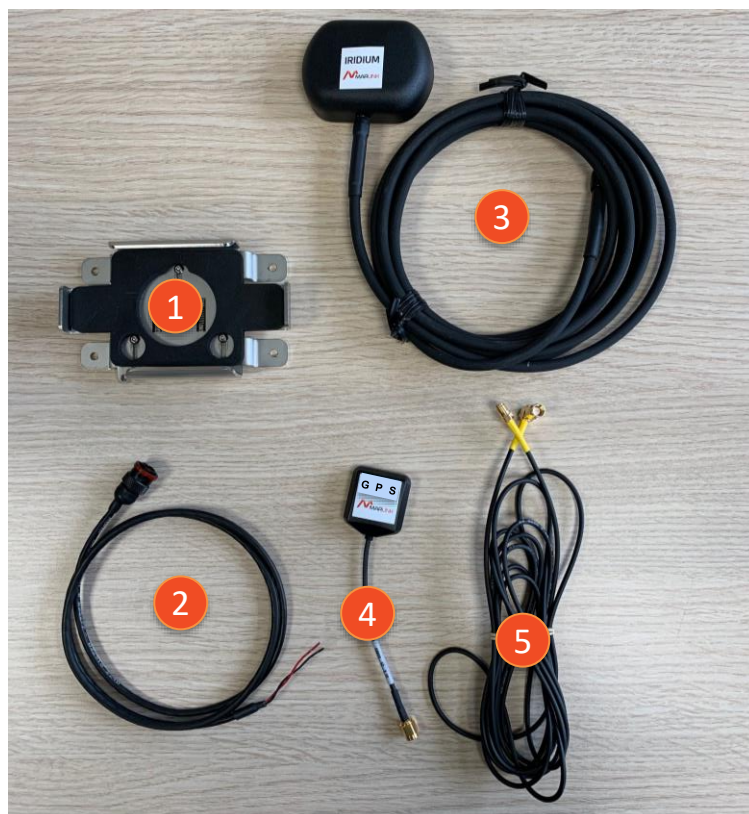
### Technical characteristics :

- 1) Dimensions: 123,5 x 76 x 33 mm (L x W x D), without bracket and cable
- 2) Weight: 440g
- 3) External power supply: Input DC 6-42V (1A)
- 4) Internal battery: Rechargeable 1800mAH Li-ion battery
- 5) Internal antennas Iridium, GPS
- 6) 3 axis G-force sensors : Inclinometer and accelerometer



### Kit composition :

- 1) Smalltrack bracket – APR4072
- 2) Smalltrack power cable – APR4080
- 3) Antenna Iridium 3m (car/SSV), 5m (truck) – APR4053/4056
- 4) GPS antenna – APR2861
- 5) GPS cable 3m (car/SSV), 5m (truck) – APR4030/4032



# POWER SUPPLY



The power cable must be directly connected to the battery or fuse box with permanent power supply (no breaker – fuse 3A).

If the configuration of your vehicle doesn't enable it, you can connect your power cable to a power extension as shown below (available on our e-shop APR4033) :

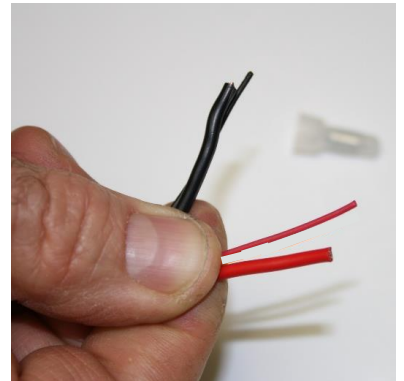
- 1) Prepare your Smalltrack power cable separating the red wire from the black
- 2) Connect the power extension cable (direct battery) with the Smalltrack power cable using terminals provided :
  - red wire avec red wire
  - black with black
- 3) Use a plier for the connection
- 4) Connect the power extension cable to the battery, red wire on +12V/+24V (red terminal) and the black wire on the negative pole.
- 5) Connect the fuse



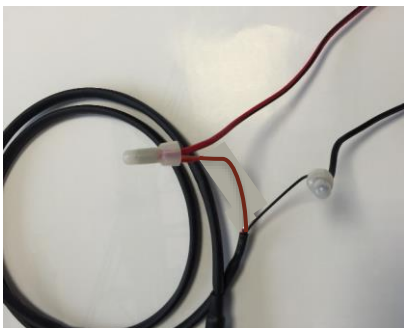
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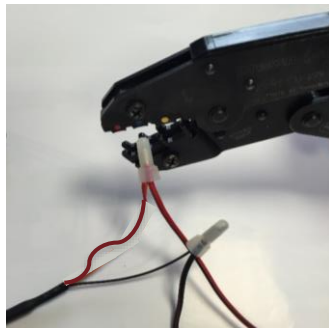
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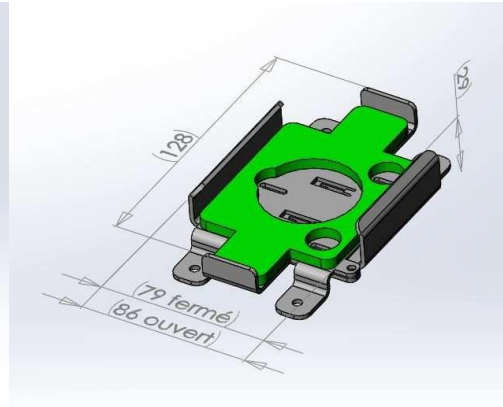
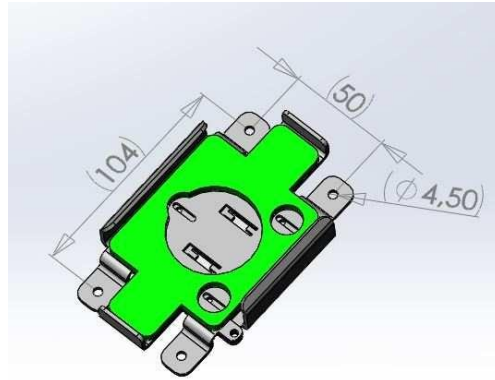
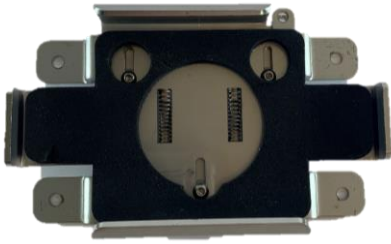


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4 5

# BRACKET



Total height of the Smalltrack in the bracket is 50mm (29mm for bracket only).

## SMALLTRACK FIXATION

**Recommended solution :** bracket fixed to the navigation board by the 4 fixation points with use of external GPS & Iridium antennas (page 4) → same antennas as Iritrack.



**Alternative solution:** fixation in proximity with the windscreen → no external antennas  
Setup subject to validation by the Marlink staff on the Rally.



You must have access to the buttons easily



## ANTENNAS AND CABLES

**Magnetic antennas must be installed horizontally and clear of all obstacles at 180 degrees towards the sky, either on the roof or bonnet of the vehicle (metal surface).**

GPS and Iridium antennas can be side by side. It is forbidden to paint or integrate them into the core of the vehicle.

**Connect the GPS cable to the GPS antenna and bring the GPS connector to the bracket. Then, bring the Iridium connector to the bracket.**

### **WARNING :**

**- The antenna cables should not go through the door seals but in the walls of the vehicle or via a cable gland.**



**- It is very important to put a shrinkable tube on each antenna / cable to couple them. Before heating the shrinkable tube, make sure the connectors are properly locked.**

