

IMPORTANT:

The machine must be presented at the technical verifications with the bracket, cabling and antennas mounted, ready to receive the Iritrack



KIT COMPOSITION:

- 1 : Iritrack bracket
- 2 : Power cable 3 m / 5m
- 3 : Iridium antenna with 3m cable
- 4 : Square GPS antenna cut at 10cm
- 5 : GPS antenna cable 3m / 5m
- 6 : Skrinkcable tube, protect cables, 3 amp fuse

Technical characteristics of the Iritrack:

- Dimensions of the V2/V2.5 without bracket: 175 mm x 125 mm x 48 mm (without plugs and cables)
- Weight of the box Iritrack: about 1.0 Kg
- Environment: Operating from - 30 ° C to + 55 ° C and storage from -40 ° C to +65 ° C
- Consumption under 12V for Iritrack, 100mA on rest, 1000mA on communications

BRACKET

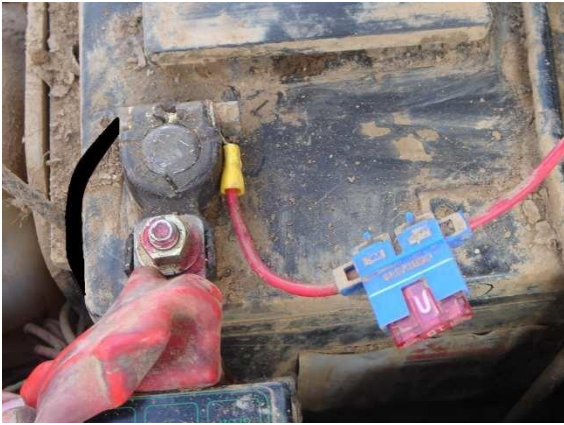


The bracket can be mounted on the dashboard. The buttons on the Iritrack must be visible and accessible by the pilot and copilot in case of emergency.



It is essential to have sufficient space in order to move fingers at the back of the box to check the connection of the cables: about 10cm.

EXTENSION OF POWER



Connect the red wire to the +12V/+24V (red terminal) and the black wire on the negative pole of the battery.

L'IRITRACK must be connected directly to the battery, as required by the FIA rules (no breaker and no contact on power).

Install the 3A fuse on the red wire.

Bring power to the bracket.



ANTENNAS AND CABLES



The magnetic antenna must be installed horizontally and clear of all obstacles at 180 degrees towards the sky, on the roof or on the bonnet of the vehicle (metal surface).

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

CAUTION:

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

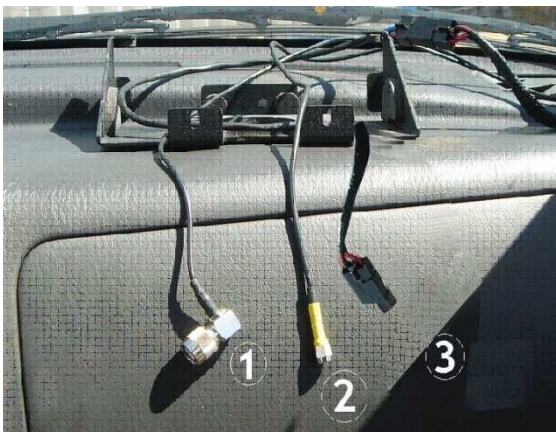


Connect the GPS cable to the GPS antenna and bring the GPS connector (SMA) to the bracket. Then, bring the Iridium connector (TNC) to the bracket.



CAUTION : 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.



At this stage of the installation you must have at the back of the support with a margin of 10 cm:

1. the Iridium antenna cable
2. the GPS antenna cable
3. the power cable

→ Treat your cable ducts.

Avoid friction locations.

→ It is recommended each day to check the fixings, the wear of the cables and to tight the connectors.