




Ramonville, 17th January 2006


NS/NT/GC/06.007

<p>eLocust2 installation guide</p>

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1 Hardware

Deploying the eLocust2 application requires the following hardware:

- a Wescor RX600 Touchpad,
- a SAT-201,
- a specific connection cable,
- a plastic mounting bracket for the Wescor,
- a magnetic mount for the SAT-201.

1.1 Wescor RX600 Touchpad

This console is the user interface, and exchanges information with the SAT-201. In this document, it is simply referred to as “Wescor”.




1.2 SAT-201

This antenna can receive the position and time from GPS satellites, and transmit messages to Inmarsat D+ satellites. The Inmarsat satellites are geostationary, thus to get a good signal, your SAT-201 must be positioned outdoor in an open area, and oriented to the South (if you are situated in the Northern hemisphere).



You can find more information in the document *SAT-201 Installation Instructions* delivered with the SAT-201.

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1.3 Connection cable

The connection cable is composed of four in/outputs:

- a DB15 female connector to plug the Wescor in **(1)**,
- a DB9 female connector to plug in the PC **(2)**,
- a specific blue round connector to plug in the SAT-201 **(3)**,
- a cigar lighter adaptor for the power supply **(4)**.




The cable to the SAT-201 is 5 meters long, the cable to the cigar lighter adaptor is 1.5 meters long.

1.4 Wescor mounting bracket

It is a plastic base to fix the Wescor inside the vehicle.




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1.5 Rooftop magnetic mount

This magnetic mount is designed to receive the SAT-201 and to stick magnetically to the roof of the vehicle.



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2 Installation

The installation is done in 3 steps:

- Step 1: Installation and connection of the SAT-201
- Step 2: Installation and connection of the Wescor
- Step 3: Power supply

2.1 Installation of the SAT-201 on the roof of the vehicle

Unscrew the nut of the SAT-201. Pass the connector and mounting thread of the SAT-201 through the central hole on the top of the magnetic mount. Screw down the nut.

Plug the specific connector under the SAT-201. Screw down the connector to the SAT-201.



Put the magnetic mount on the top of the vehicle. Bring along the cable inside the vehicle.

2.2 Installation of the Wescor inside the vehicle

Choose a place inside the vehicle for the Wescor. The Wescor should be easy to access for the driver but should not disturb him while driving.

Once the place is chosen, fix the base of the Wescor and put the Wescor in it.



You can always withdraw the Wescor from its base, so that you can use it inside or outside the vehicle.

2.3 Power supply

Plug the cigar lighter adaptor in the cigar lighter of the vehicle.

The cable is protected by a fuse inside the cigar lighter adaptor. The characteristics for the power supply are given in the table below.

Tension	9 - 30 V
Max intensity	3 A

If your connections are correct, you should see:

- the LED blink on the side of the SAT-201;
- the *SELECT* button of the Wescor blink 4 times;
- the following message on the screen of the Wescor (to see it more clearly, press both *SELECT* and *PWR* buttons on the right side of the Wescor):

loading eLocust2 ...

... followed by...

eLocust2 version 1.08

After one minute of powering on, you can see the start-up page:

