

# Gosat Confort 65 with SSC unit.

## *User's guide*



Register pattern - Design & specifications are subjected to change without notice.

## Warnings:

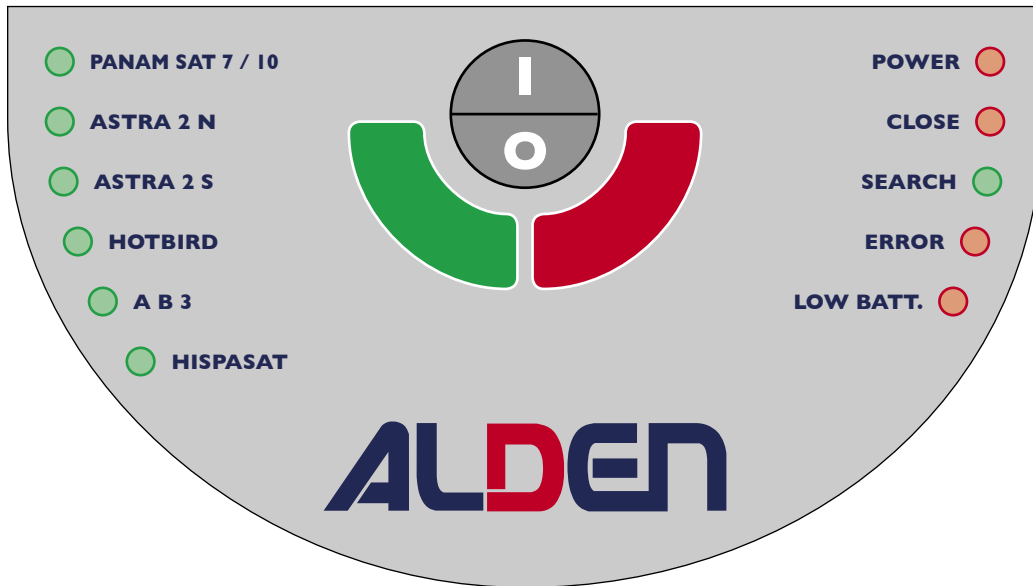
- ALDEN declines all responsibility in the event of incident or accident if they are due to a non observation of the installation instructions or the way the product is used.
- The reproduction of all or any part of this guide is forbidden without a written agreement from Alden.
- Alden draws your attention to the risks that may occur if the mounting is not correct.
- **Each product with electronic components has to be protected from undervoltage (under 11 volts) and overvoltage (over 15 volts).**
- **Never unplug the receiver without switching it off before hand.**
- **Never interfere on the product without Alden's approval : this could cancel the warranty.**
- **Do not use the ignition security system to close the satellite sytem. This is a security device and is only to be used for this matter.**

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| <ul style="list-style-type: none"><li>• <b>If any changes occur concerning the emission frequencies or the power of emission from the satellites, neither the salesperson nor the manufacturer are responsible .</b></li><li>• <b>Neither the salesperson nor the manufacturer are responsible if a satellite or a programme come to disappear, if a free to air channel becomes scrambled or for any other modification that may affect the emission.</b></li><li>• <b>Unpredictable events can not lead to any exchange, refund or compensation from the salesperson or the manufacturer.</b></li><li>• <b>The reception areas of the satellites are given as a guidance.</b></li></ul> |
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## Security instructions:

- For security reasons, please close the antenna in high wind conditions.  
See the wind classification on page 9 to guide you.
- Never raise the antenna with snow and/or ice on the dish. Always check if the way is free before raising the antenna.
- It is an obligation to close the dish before starting the vehicle. Follow the closing procedure.  
Do not use the ignition security function to close the antenna.
- Make a complete check up before starting the vehicle.
- Always close the dish before leaving the vehicle.
- We advise to withdraw the fuse supplying the receiver in case of long periods without driving or to disconnect the supplying plug.
- **Remove the fuse from the electric cuircuit board of the satellite system and receiver before interfering on the general circuit board, or changing or connecting the battery. If the vehicle is equipped with a solar panel, also remove the fuse.**
- **It is obligatory to use the provided cables, do not cut them and do not change them. If this requirement is not respected, this could have a serious impact on the product and will cancel the warranty.**
- **You must install a separate cable with a 5A fuse directly from the battery cell to the SSC.**
- **You must install a separate cable with a 5A fuse directly from the vehicle fuse to the + after ignition of the search unit.**

# Description of the SSC unit



<i>Designation</i>	<i>Function</i>
On/Off	Switch on / off.
Green button	Choose a satellite.
Red button	Validates the position of the antenna.
Panam Sat 7 et 10	Satellites <b>Panam 7 and 10</b> have been chosen.
Astra 2 N	The satellite <b>Astra 2 N</b> has been chosen.
Astra 2 S	The satellite <b>Astra 2 S</b> has been chosen.
HotBird	The satellite <b>HotBird</b> has been chosen.
AB3	The satellite <b>AB3</b> has been chosen.
Hispasat	The satellite <b>Hispasat</b> has been chosen.
Power	The unit is on.
Close	Not used.
Search	The satellite system is in search mode.
Error	There has been an error during the search mode.
Low batt.	The battery is too low.

# How to use the product

## Start using procedure:

1. Check if the way is free before raising the antenna.
2. Press on key **Up ▲** 3 seconds to raise the antenna up to the last elevation. Adjust elevation according your location. Use the map on page 5 to guide you.
3. Turn on the television and go on AV channel.
4. Switch the SSC unit on by pressing **I**.
5. Use the green button to select **PanamSat 7 and 10**. Keep pressing that button to go from one satellite to another. Every time you change satellites you will hear a tone. The satellites have been set in the following order :  
  
PANAM SAT Ę ASTRA 2 N Ę ASTRA 2 S Ę HOTBIRD Ę AB3 Ę HISPASAT Ę PANAM SAT...
6. Once your remove your finger, the signal light will flash on and off and the stay on. The search signal light will come on : the unit is ready to receive the signal on the chosen sat.
7. Unlock the mast by unscrewing the central knob and then the external knob on the clamp.
8. Turn the satellite system towards the South until you hear a long tone. Press the red button on the unit to stop it. The unit is set, the antenna now faces the satellite.
9. Switch the receiver on and choose a channel. Improve the reception if necessary (key **Up ▲** and/or **Down ▼**). Fix the satellite system in place by slightly screwing the knob on the central clamp.

## Information :

Depending on the position of the vehicle, you may have to increase or decrease the inclination of satellite system (key **Up ▲** and/or **Down ▼**). Everytime you switch the unit on, the last satellite is automatically chosen. If you do not change satellites, no other manipulation is needed.

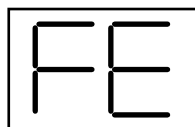
## Closing procedure :

1. Unlock the antenna by loosening the central knurl of the stirrup then turn the antenna until making the marks of the stirrup and the mast coincide.
2. Verify that the antenna is in road position (folded up towards the back of the vehicle). Press on key **Down ▼** until the message **FE** appears with a 'beep'.
3. Lock the antenna by tightening **without exaggeration** the external then central knurl of the stirrup.
4. Turn off the receiver, the SSC unit and the television.

**Warning :** The guarantee is not applicable in case of forgetting to fold the antenna.

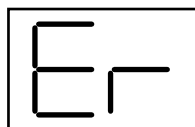
**Note :** The new elevation value is memorized when the display turns off.

## LCD display :



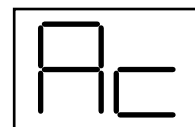
**Closed.**

*Indicates that the antenna is closed. This indication is accompanied with a 'beep'.*



**Error.**

*This message displays when the antenna is blocked in course of elevation. This indication is accompanied with a 'beep'.*

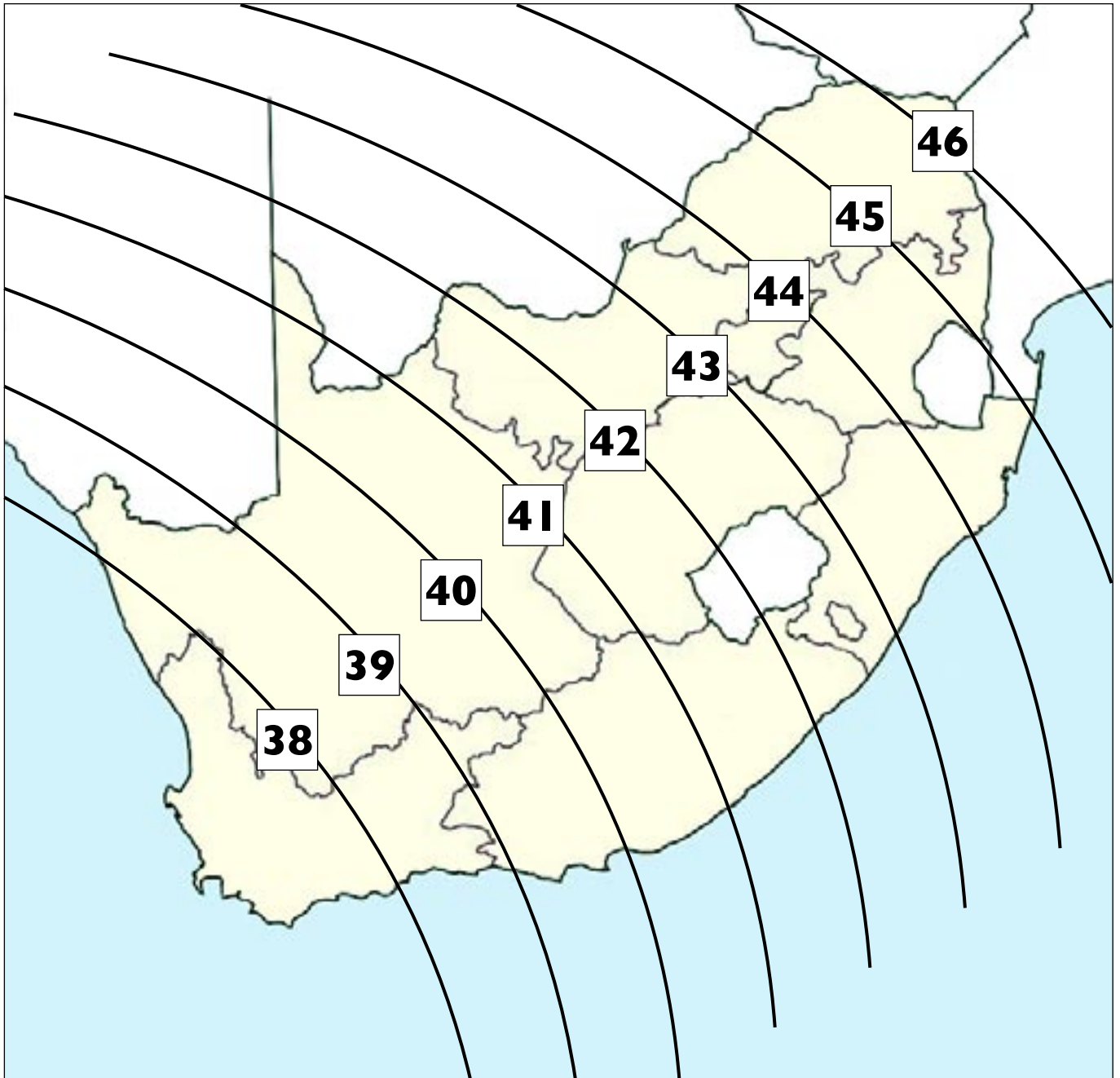


**'+' after ignition activated.**

*When this message appears, the antenna will go down. This indication is accompanied with a 'beep'.*

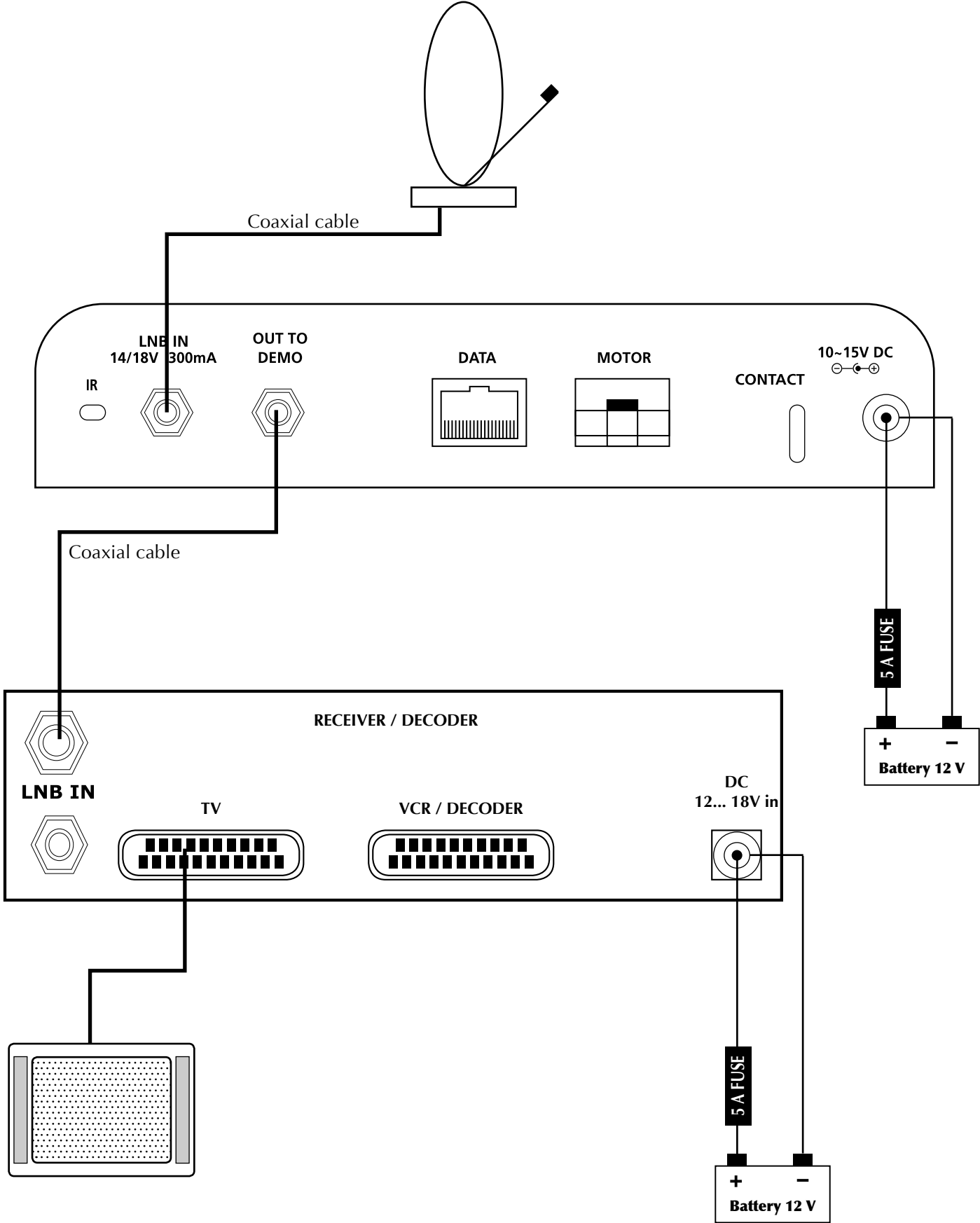
# Elevation area

A motorhome is mobile which means that it will be more or less horizontal so the satellite system will have to be more or less inclined. Here is a map with the theoretical elevation areas to help you:

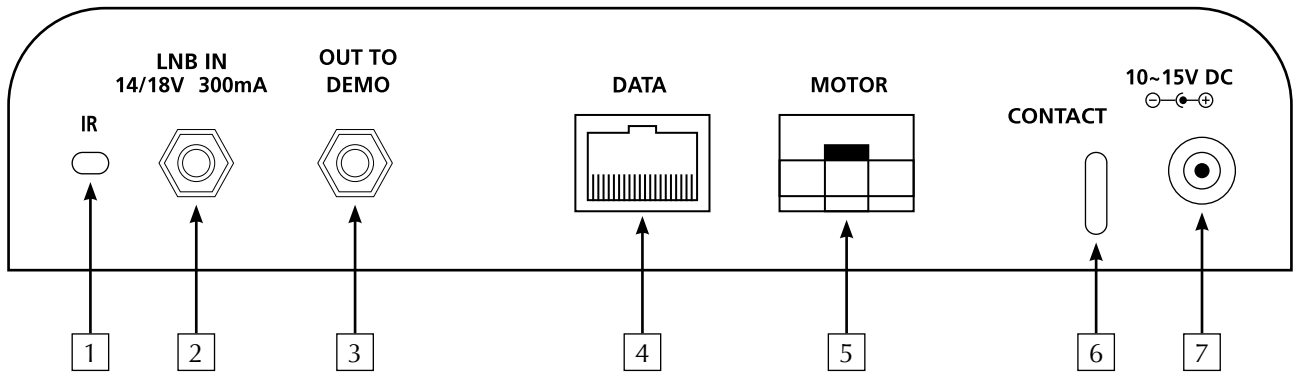


\* : these figures are a guidance. They can vary depending on the position of the vehicle, which can be more or less horizontal.

# Cable connection



# SSC connection layout



<i>N° : description</i>	<i>Type of connection</i>	<i>Description of inputs / outputs</i>
1 : IR	Not used	Infrared control. A remote sensor is delivered with the remote control (in option).
2 : LNB in	Coaxiale type F	Connection with the LNB from the antenna.
3 : Out to demo	Coaxiale type F	Connection used between the unit and the receiver.
4 : Data	RJ-45	Used to transfer the updating data.
5 : Motor	Not used	Used for the motorization of the satellite system.
6 : Contact	Not used	Safety device : will fold the antenna and is connected to the vehicle ignition.
7 : 10-15V DC	Jack	Main supply.

## Reminder :

- The system must be in a vertical position in a well ventilated space.
- Do not use existing coaxial circuits. The quality of the picture can be affected.
- Each link will weaken the signal.
- Cables of a different type can also change the quality of the picture.
- In any case, even when initial cables have been put in:
  - A direct line (no links) with a 5 A fuse must go from the unit to the battery for the + wire.
  - A direct line (no links) must go from the unit to the battery for the - wire.
- You must always use the cables that are provided.
- The warranty will no longer be applicable if these instructions are not followed.

# What to do in case of breakdown?

## **Bad picture :**

Optimize the position of the antenna by adjusting its orientation and its raise.

## **In case of power cut :**

- Check the state of connections, wires and fuses.
- Do a closing procedure (*cf. page 4*).

## **If not used for a long time :**

Remove main supply or the fuse from the receiver.

## **No satellite can be found :**

Check that there is no obstacle in front of the antenna (building, tree...).

## **The remote control does not work :**

- Check and/or change the batteries.
- Check that the infrared sensor is not damaged and that it is well connected to the receiver.
- Check that the infrared sensor is correctly connected to the receiver.

# Wind classification

When the wind gets to 5, we advice to fold your mobile equipment down (solar panel, satellite systems).

When it gets to 7, you MUST fold everything down.

<i>Strenght</i>	<i>Name</i>	<i>Speed</i>				<i>Effect</i>
		<i>Knot</i>		<i>Km/h</i>		
0	Calme	1	1	1	1	Smoke is rising straight up.
1	Very slight breeze	1	3	1	5	Smoke gives the direction of the wind; windvanes are not moving.
2	Slight breeze	4	6	6	11	You can feel the wind on your face; leaves will move.
3	Small breeze	7	10	12	19	Flags are up and leaves rustle.
4	Pleasant breeze	11	16	20	28	Dust and sand are lifting from the ground; small branches are bending.
5	Strong breeze	17	21	29	38	Small trees are swaying and the tops of all trees are moving.
6	Cold wind	22	27	39	49	You can hear the wind whistle.
7	Strong cold wind	28	33	50	61	All the trees are moving; you can only just walk facing the wind.
8	Gust of wind	34	40	62	74	You cannot walk facing the wind; some branches are breaking off.
9	Strong gust of wind	41	47	75	88	You cannot walk facing the wind; the wind is damaging buildings.
10	Storm	48	55	89	102	There is a lot of damage; young children of 12 cannot keep their feet on the ground (they can fly away!)
11	Violent storm	56	63	103	117	
12	Hurricane	64	plus	118	plus	

**We remind you that if you forget to fold the system down when the wind gets strong, the warranty will be cancelled.**

# Technical characteristics of the SSC unit

Frequencyband :	KU
Fréquency :	10,7 à 12,75 GHz
Polarization :	Horizontal and Vertical
Voltage :	12 V DC
Power :	10 W maximum
Temperature :	-20°C à +50°C
Humidity rate :	85 % maximum
Size :	l = 175 mm h = 130 mm p = 45 mm
Weight :	0,29 kg



