



User Manual

AviTrac® Solar Panel Option





Contents

1	Introduction	2
1.1	Safety instructions	3
1.2	Warning concerning AviTrac® bird repeller	3
2	Information about photovoltaic panels	4
2.1	Placement and orientation of the panel	4
2.2	Maintenance and servicing	4
3	Different components of the option	5
4	Fitting the solar panel option	6
5	Contact	8

1 Introduction

You have just purchased an AviTrac® audible frightener and its solar panel option. Reading this instruction manual will help you get the most out of your appliance. Please follow the instructions in these instructions for use and keep them in a safe place so that you can consult them at any time.


These instructions must be read after reading the AviTrac® operating instructions.

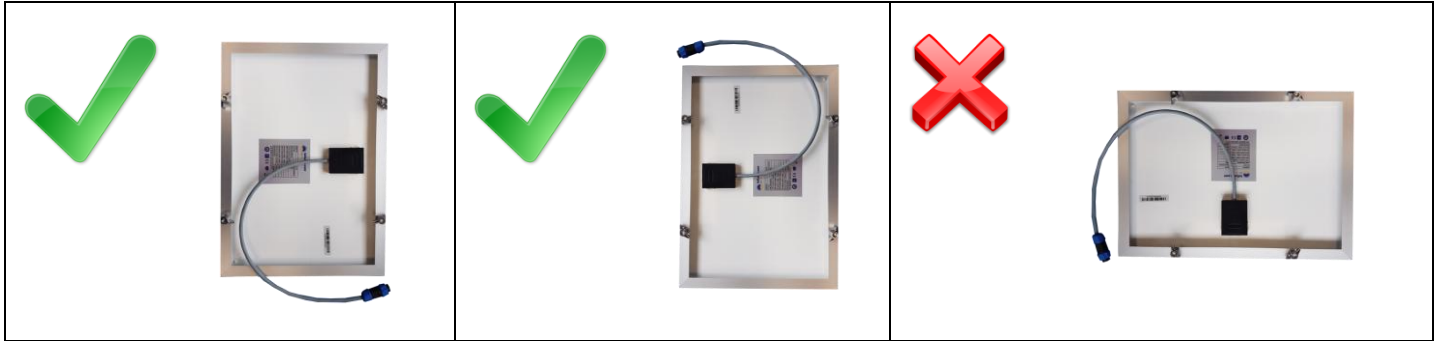


1.1 Safety instructions

Treat solar panels like fragile glass: protect them during transport / storage, do not step on them, handle them with care.

Before installation, check the condition of the panel, housing and cables. Never use damaged, dirty or damp hardware.

 The black housing at the back of the panel must be oriented so that water does not penetrate it.



1.2 Warning concerning AviTrac® bird repeller

It must be used with care if there are herds nearby, as distress signals can create unpredictable reactions in some animals.

The audible frightener can emit sound signals up to 120 dBA at 1 meter. It is imperative not to remain in front of the loudspeaker(s) when it is transmitting at maximum power.

In order to avoid the habituation effect, **be sure to move the appliance regularly, even by a few metres.**


It is advisable to combine several scaring methods (kites, scaring balloons, etc.) to make the threat as realistic as possible, especially when bird activity is very high. Finally, **audible and visual frightening is most effective when used preventively.**

 The solar panel recharges the battery inside the AviTrac®'s waterproof casing. This is a lead type battery.



2 Information about photovoltaic panels

2.1 Placement and orientation of the panel

 In order to optimise the production of the solar panel, it is preferable **to orient it facing south**. The supplied frame will give it an inclination of 30° with respect to the horizontal. This is the ideal position for optimised production throughout the year in mainland France).

 **Make sure that no obstacle (tree, bush, building) shades the panel and reduces its production.**

Note: The solar panel works thanks to direct sunlight, not brightness.

2.2 Maintenance and servicing

Solar panels do not require any special maintenance.

However, depending on the environment, dirt can accumulate (sea spray, sand, dust, pollen, various types of pollution) and can reduce the output of your solar panel.

Always disconnect the system before carrying out any operation.

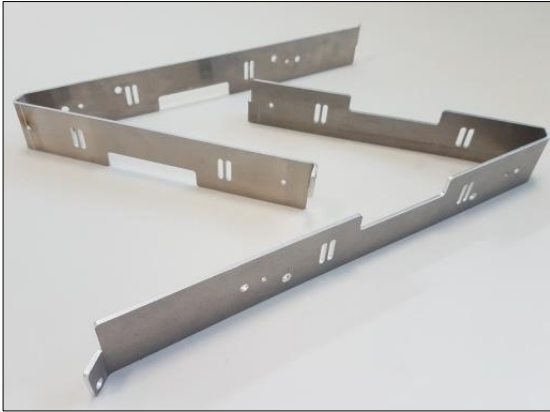
Clean with a soft cloth in clear water, disconnecting the panel beforehand. The water must be at room temperature to avoid thermal shock.



3 Different components of the option

The solar panel option of the AviTrac® contains:

→ Mounting brackets compatible with the metal frame of the AviTrac®.



→ 4 screws and 4 hexagonal nuts to fix these brackets to the frame



→ A 10W solar panel



→ 4 wing nuts for fixing the panel to the brackets





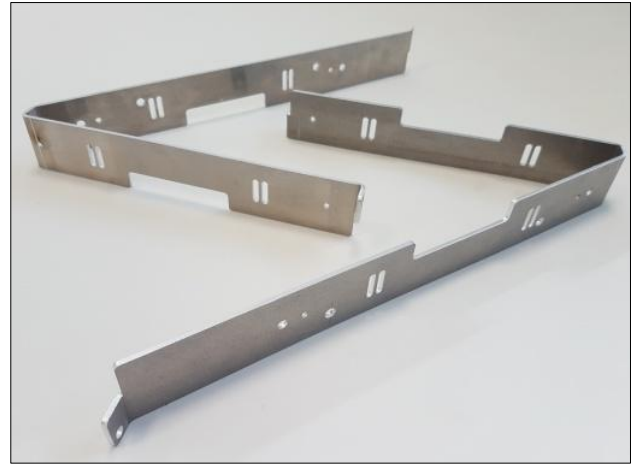
4 Fitting the solar panel option

Tools required: socket spanner 13 mm

Start by fixing the solar panel to the mounting brackets using the 4 wing nuts



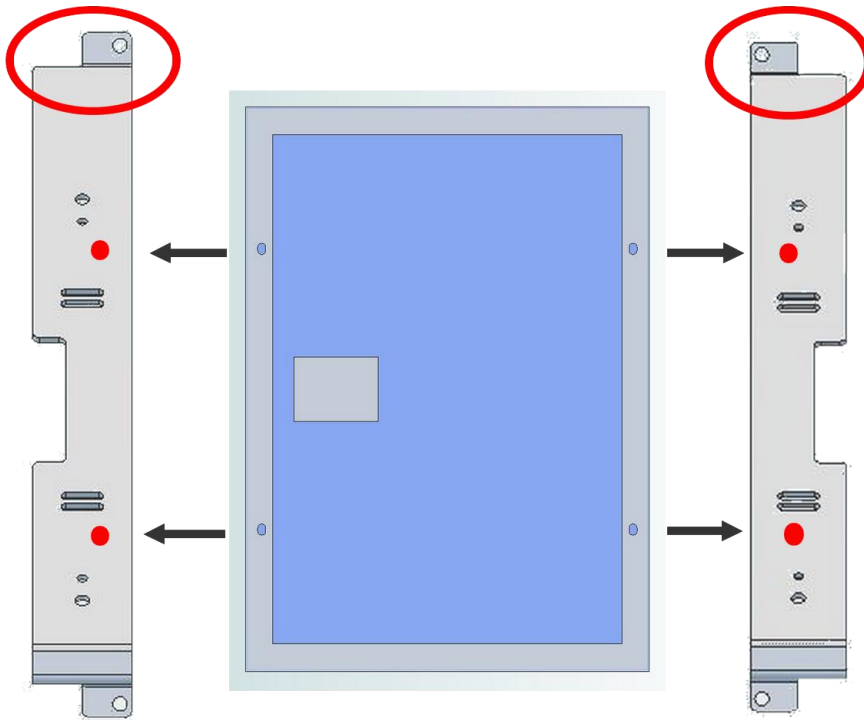
+




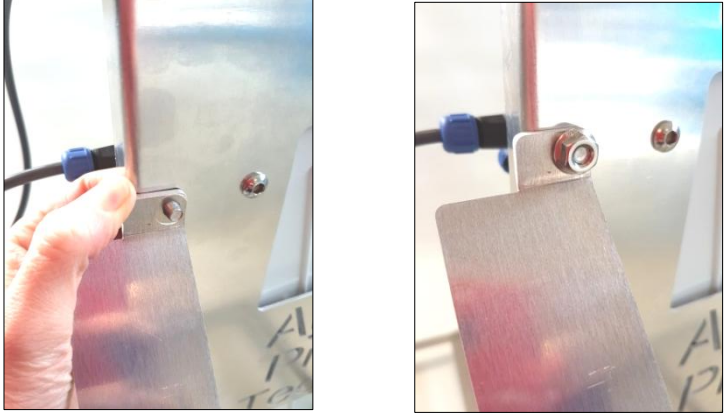
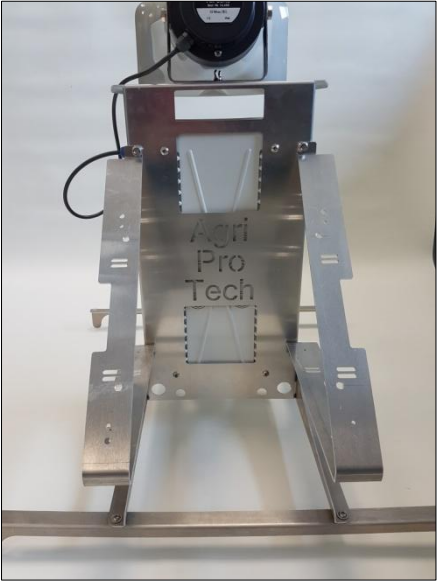
+



Here are the drill holes to be used, pay attention to the direction in which the brackets are fixed





Actions to be carried out	Illustration
<p>Once the panel is fixed to the mounting brackets, screw them to the AviTrac® frame using the 4 hexagonal nuts and screws, starting with the holes at the bottom.</p> <p>To tighten the nut, use a 13 mm socket spanner (not supplied).</p> 	
<p>The mounting brackets are shown opposite (the solar panel is not shown in the photo for better visibility).</p>	



Finally, here is the assembled device



5 Contact

If you have any questions, please do not hesitate to contact us by:

- Telephone on +33 (0)2 98 96 08 12, from Monday to Friday, from 09:00 to 12:30 and 14:00 to 17:30
- Email to contact@agriprotech.fr