

TV SAT 2.5A



Installation Manual

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1. Introduction

1.1 Safety Information

 Please read the user manual carefully before you start the installation. If you have already installed similar products, the procedure may not be the same as for this product.

- Improper handling can cause serious damage to this device. Those responsible may also be held responsible for any resulting further damage to the equipment.

- The antenna is only suitable for mobile use. Mounting on the vehicle is not permitted. Failure to observe this rule will invalidate any warranty claim.

- Please check the correct operating voltage of your power supply before commissioning. Please refer to specification in this user manual for the operating voltage of the device.

- The control unit must not be exposed to dripping water, splashing water or other liquids.

- Do not let children play with foils or other package materials, there is a danger of suffocation.

1.2 Components



LNB



Antenna unit



Reflector



Tripod



SWM Power Inserter



10M Coax



1M Coax Cable



Antenna unit
Hard case



Reflector bag



Camping Peg



Knob Nut



LNB + Tripod



Camping Peg bag



5/16" Reflector
Nut (2)



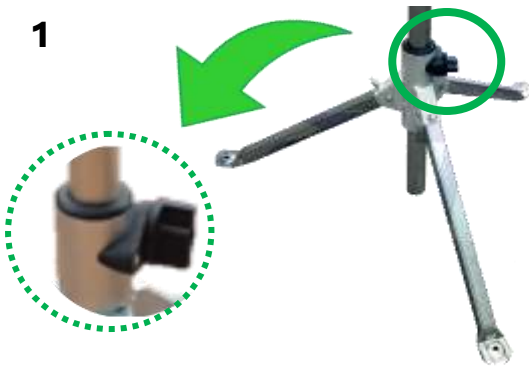
5/16"

2. Installation

2.1 Connection of the components

Install the control unit and the set-top box is not inside the vehicle in the region of an airbag. Maintain a careful installation of the cable in order to avoid short circuits. Pay attention also to existing cables.

Connect the antenna as shown in the illustration below :



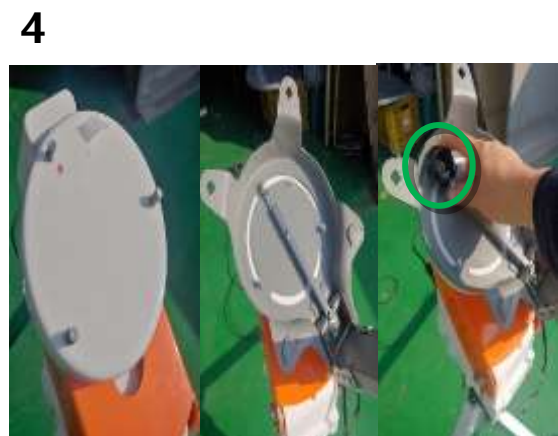
Fix legs on the ground with tent pegs.



Fix legs on the ground with tent pegs.

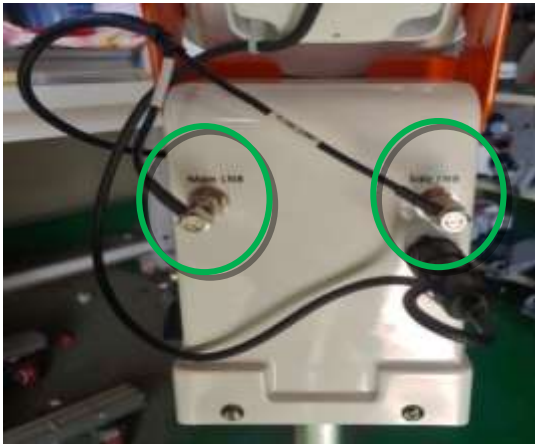


Put the body on tripod and fasten the knob.



Put it on the star and put the lobe.

5



Connect Main LNB and Side LNB connectors.

6



Put the antenna dish on the dish bracket and fix with bolt and nut at marked area.

7



Connect to the connecting diagram.

8



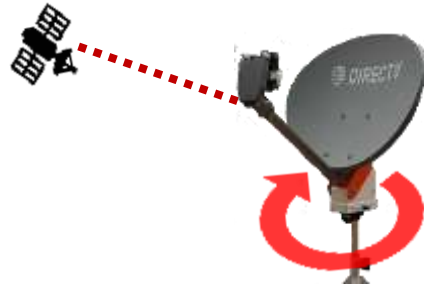
Turn on the power adapter.

9



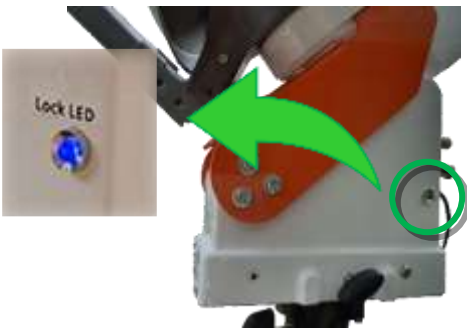
Turn on the set-top box.

10



Antenna starts scanning satellites in full EL/AZ range (It takes about 5~10 min for full scanning).

11



Antenna starts scanning satellites in full EL/AZ range (It takes about 5~10 min for full scanning).

12



Tighten the locking knob in order to secure the pointing to target satellite. The light will continue when it is locked enough

- Connection Chart -



3. Troubleshooting

No satellite signal

Objects such as trees, bridges and large houses located at the satellite's angle of incidence cause the signal to be lost. If the satellite signal is lost due to severe weather conditions, the current program of the TV or receiver will be interrupted (the picture will pixelate, freeze or disappear). When the weather conditions allow good reception again, the TV picture will be restored.

Is there dirt on the antenna ?

Heavy dirt on the housing can cause reception problems.

Is everything correctly connected and switched on ?

Make sure that the TV and the receiver are connected correctly and that the receiver is correctly set for satellite reception. Are all cables connected correctly and the connections are tight onto the coaxial cable ? Also check the coaxial cable for kinks.

Footprint of the satellite

Satellites are in fixed positions above the equator in orbit. In order

to receive the TV signals, the receiving location must be within the footprint. In the peripheral areas of the footprint, reception interference may occur.

Satellite frequency of a TV channel was changed

TV stations change their frequency sporadically, which then no longer matches the frequency in the receiver. Ask for the current frequency of the channel.

The firmware of the control unit is outdated

If transponders on the satellite are changed, the antenna may no longer be able to find the satellite. Update the firmware of the control unit to get the latest transponder information.

The mobile app does not connect to control unit

Make sure the Bluetooth® on your mobile device is switched on and that you are in the direct vicinity of the control unit (max. 10 metres).

4. Specifications

<u>Model</u>	<u>TVSAT 2.5B</u>
<u>Antenna Type</u>	<u>Parabola</u>
<u>Frequency</u>	<u>Dish net</u>
<u>Weight</u>	<u>3.8 kg</u>
<u>Antenna Gain</u>	<u>Dish net</u>
<u>Polarization</u>	<u>CP</u>
<u>Stabilized Type</u>	<u>2-Axis Step motor</u>
<u>AZ Range</u>	<u>Endless</u>
<u>EL Range</u>	<u>10° ~ 60°</u>
<u>SK Range</u>	<u>-40° ~ 50°</u>

<u>Temp</u>	<u>-20° ~ 70°</u>
<u>Power</u>	<u>10 Vdc to 24V dc, 1.3A</u>
<u>Humidity</u>	<u>95% @ 40°C</u>