



BroadSat, Customer Care

TechniSat SkyStar2 model (PCI/USB version) used with OPENSkyä Services Configuration Guide

24/06/2002

SECTIONS

I- Driver Installation

II- Satellite settings

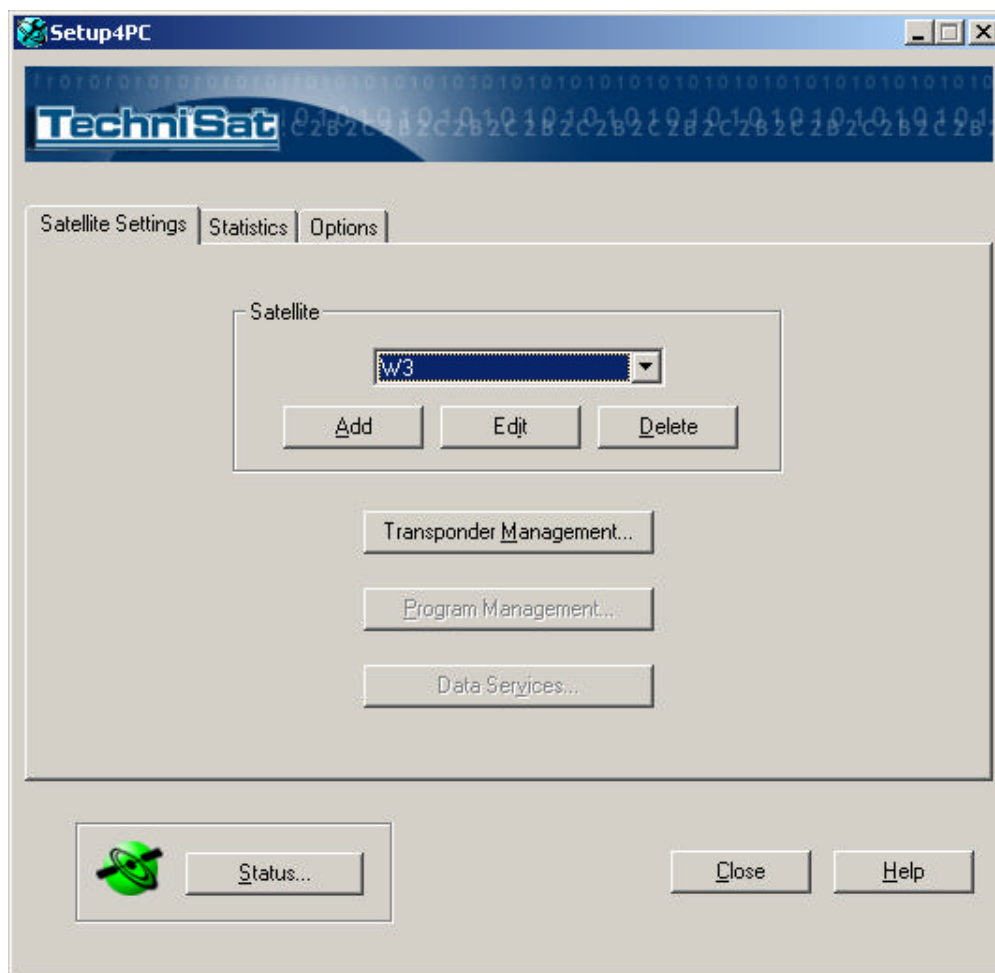
I – Driver Installation

The driver card can be downloaded from the web site www.technisat.com, following the path Service & Support → Downloads → Sky Star 2 DVB PC-Card → Software Version 4.2.2.

II – Satellite settings

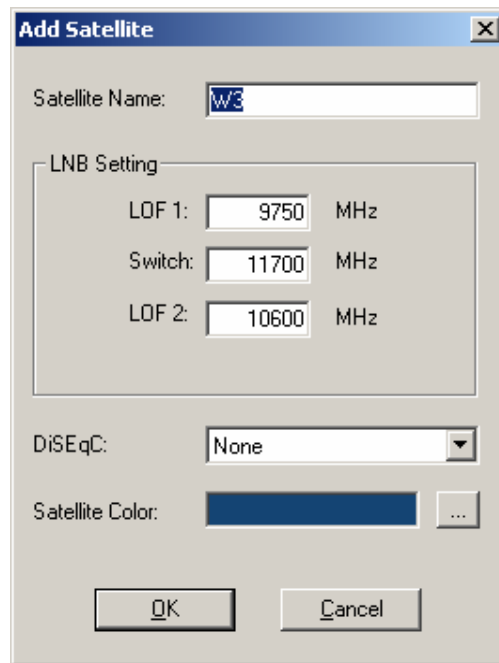
Setup4PC contains 3 configuration tabs. Every change has to be confirmed by using the *Apply* button.

In the first Tab, "**Satellite Settings**" (*fig. 1*), there are different panels.



(Fig. 1)

The first thing to do is to add a new satellite in the *Satellite List* panel. These satellite parameters will be loaded every time it is needed. Press the *Add* button in order to get the parameter window.



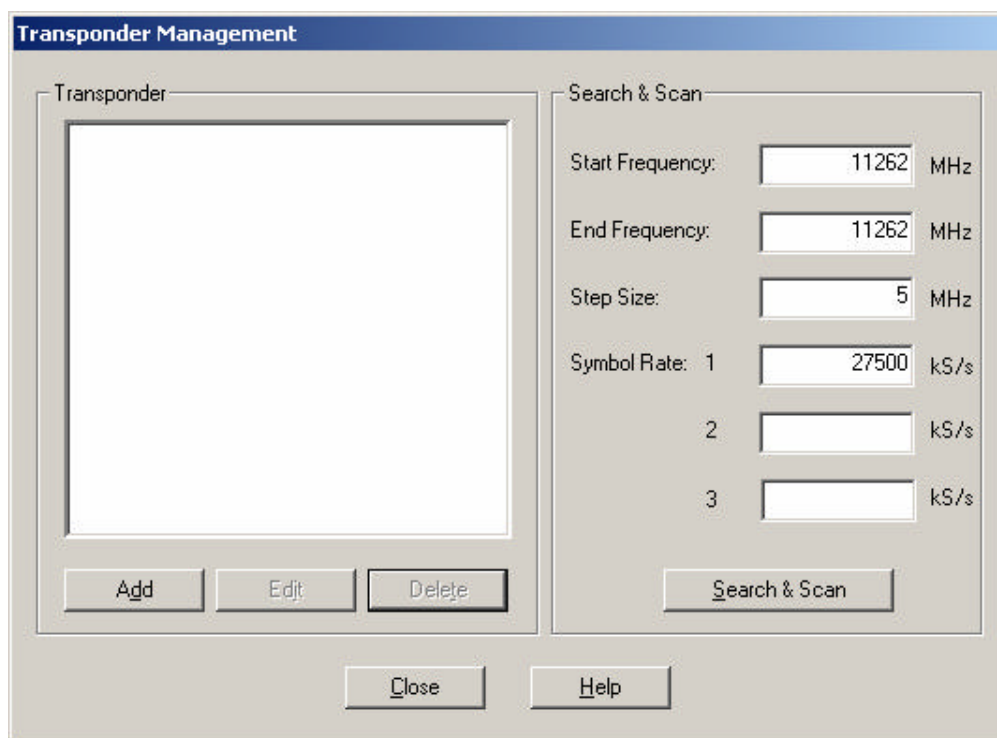
(Fig. 2)

The values *Lnb Settings* and *DiSEqC* have to be set according to the specifications of the installed satellite dish and LNB. The default values are working with a large number of kits, which have a Universal LNB with two oscillators set to 9.750 and 10.6 GHz.

The DiSEqC must be set only in case of a Dual Feed satellite dish. The setting value depends on the installed system type.

The frequency range used for multicast, broadcast and unicast transmissions should be set in the *Transponder Management* (Fig. 3) panel. The required value for OPENSKY™ is 11262 MHz (Start Frequency, End Frequency).

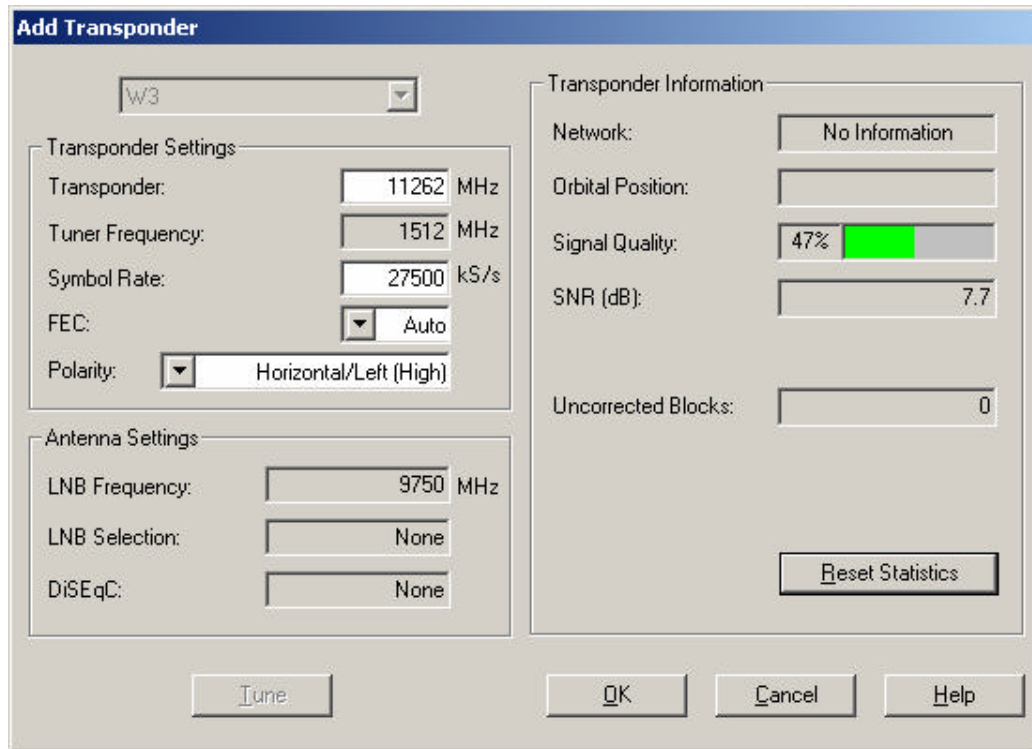
The value for *Symbol Rate* is 27500 and the *Step Size* value can be left as default.



(Fig. 3)

If you press the *Search & Scan* button, the software starts searching all of the available PIDs for the specified frequency, but this does not set that automatically.

If you then press the *Add* button in the *Transponder* panel a new window appears (Fig. 4). The default values work with a large number of satellite kits, having a Universal LNB with two oscillators set to 9.750 and 10.6 GHz.



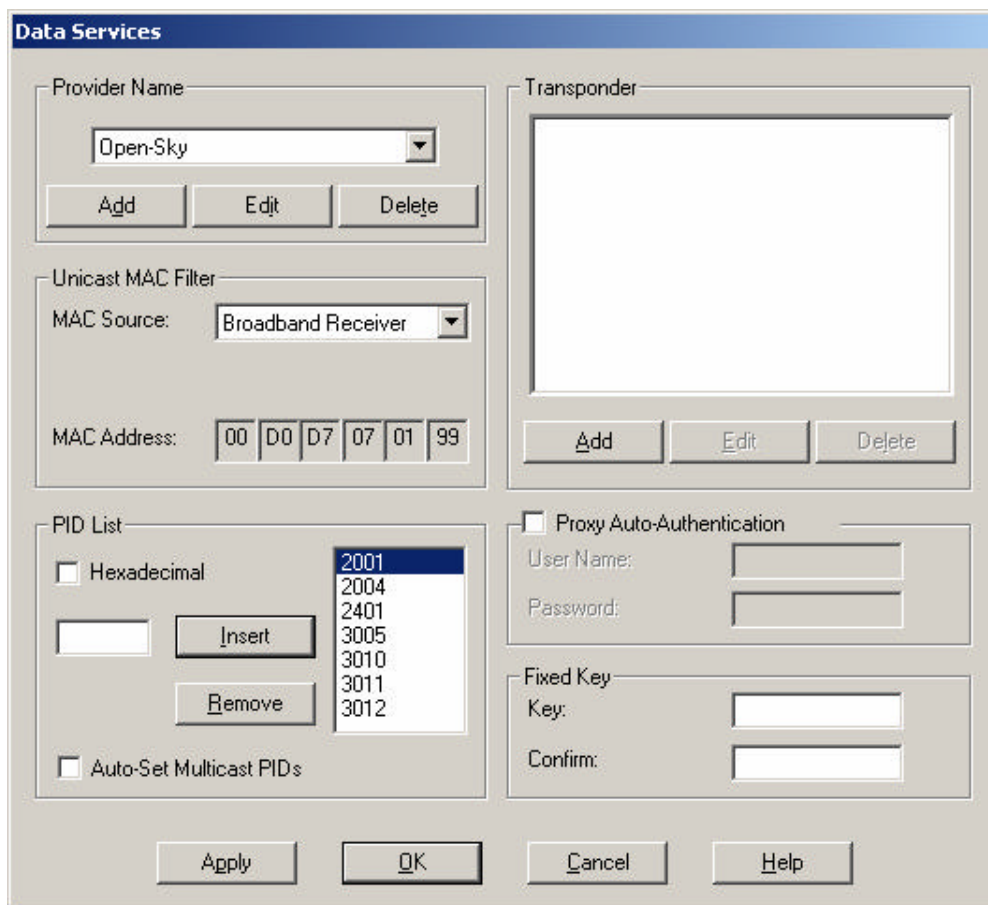
(Fig. 4)

Table 1: Values to set to use the OPENSky™ services on Eutelsat W3 at 7°East

| | |
|----------------------|-------------------|
| Transponder | 11262 |
| LNB Frequency | 9750 |
| Symbol Rate | 27500 |
| Fec | Auto/(2/3) |
| Polarity | Horizontal |

The other values depend on the installed satellite kit.

In the *Data Services* panel (see Fig. 5) select *Add* and insert the provider name (OPENSky™ in this case).



The **Data Services** window contains the following sections:

- Provider Name:** A dropdown menu showing "Open-Sky". Below it are **Add**, **Edit**, and **Delete** buttons.
- Unicast MAC Filter:**
 - MAC Source:** A dropdown menu showing "Broadband Receiver".
 - MAC Address:** A series of input boxes containing "00", "D0", "D7", "07", "01", and "99".
- PID List:**
 - ☐ **Hexadecimal** (unchecked).
 - A list box containing: 2001, 2004, 2401, 3005, 3010, 3011, 3012. The value "2001" is selected.
 - Insert** and **Remove** buttons.
 - ☐ **Auto-Set Multicast PIDs** (unchecked).
- Transponder:** A large empty rectangular area. Below it are **Add**, **Edit**, and **Delete** buttons.
- Proxy Auto-Authentication:**
 - ☐ (unchecked).
 - User Name:** and **Password:** input fields.
- Fixed Key:**
 - Key:** and **Confirm:** input fields.

At the bottom are **Apply**, **OK**, **Cancel**, and **Help** buttons.

(Fig. 5)

In the *Unicast MAC Filter* panel value a *Broadband Receiver* has to be set in the *MAC Source*.

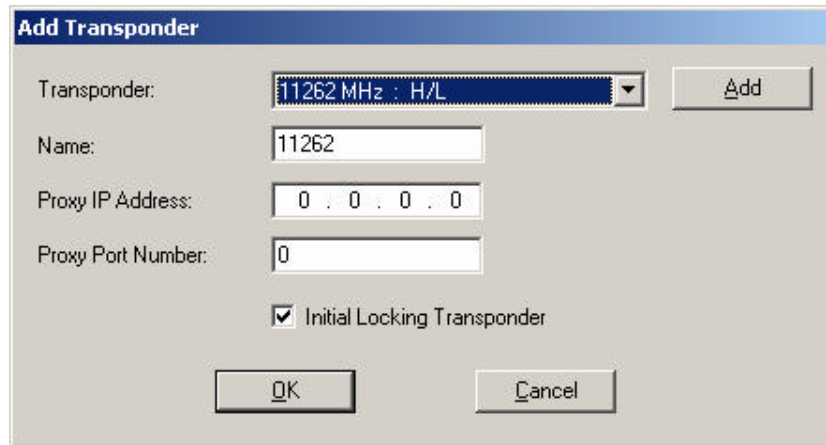
In the *PID List* panel the following values can be set (either in hexadecimal or in decimal notation):

| | Decimal | Hexadecimal |
|------------------|-------------------------------------|--------------------|
| <i>Unicast</i> | 3010, 3011, 3012, 3013 ¹ | BC2, BC3, BC4, BC5 |
| <i>Broadcast</i> | 2401 | 961 |
| <i>Multicast</i> | 2001, 2002, 2004 | 7D1, 7D2, 7D4 |

¹ PID assigned by Eutelsat at the registration to access the Unicast services.

In this panel the DVB card MAC address is also displayed.

In the *Transponder* panel press the *Add* button to set the name of Transponder (“11262” in this case, as in Figure 6).



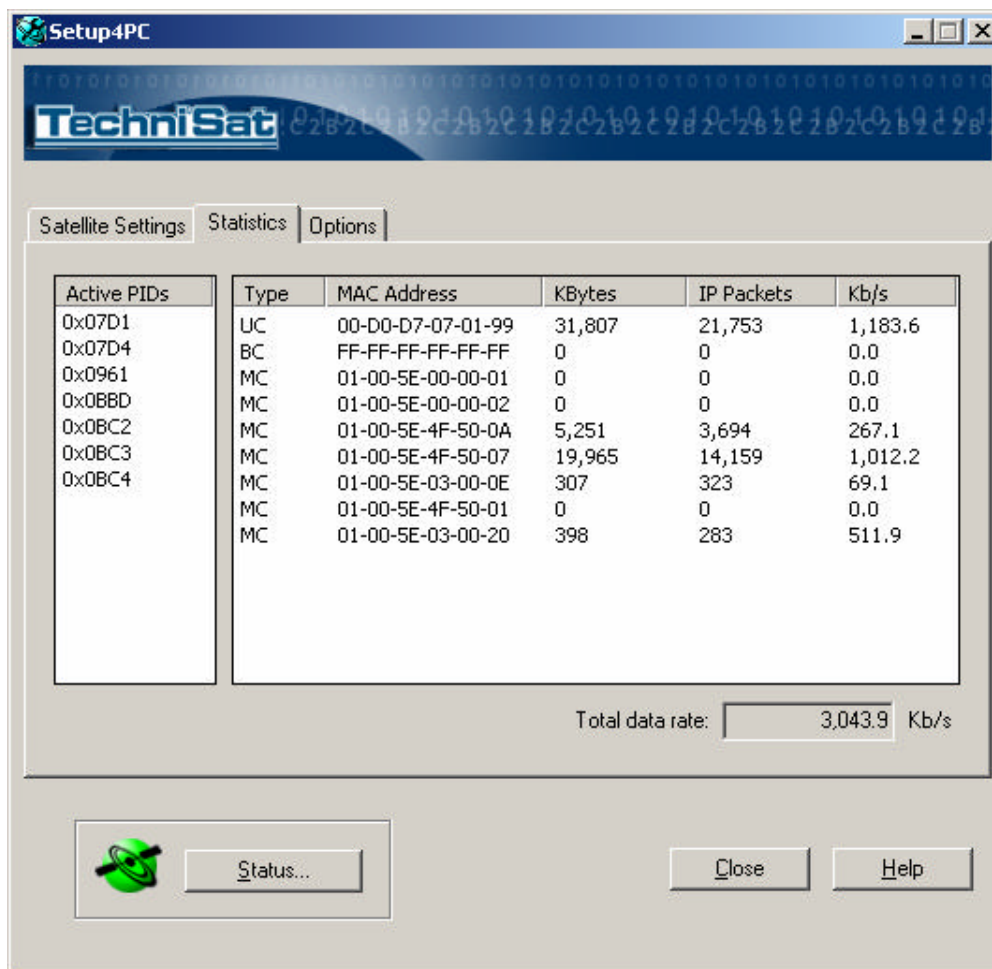
The image shows a dialog box titled "Add Transponder". It contains the following fields and controls:

- Transponder:** A dropdown menu showing "11262 MHz : H/L". To its right is an "Add" button.
- Name:** A text input field containing "11262".
- Proxy IP Address:** A text input field containing "0 . 0 . 0 . 0".
- Proxy Port Number:** A text input field containing "0".
- Initial Locking Transponder:** A checked checkbox.
- At the bottom are "OK" and "Cancel" buttons.

(Fig. 6)

This operation has to be done for each available transponder.

In the “*Statistics*” tab (Fig. 7), it is possible to see the active PIDs (in hexadecimal value) and the statistics for each PID in use.



(Fig. 7)

In the “Options” tab, it is possible to set advanced options about TV settings.