Broadsat, Customer Care

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

24/06/2002

SECTIONS

I- Driver Installation

II- Satellite settings

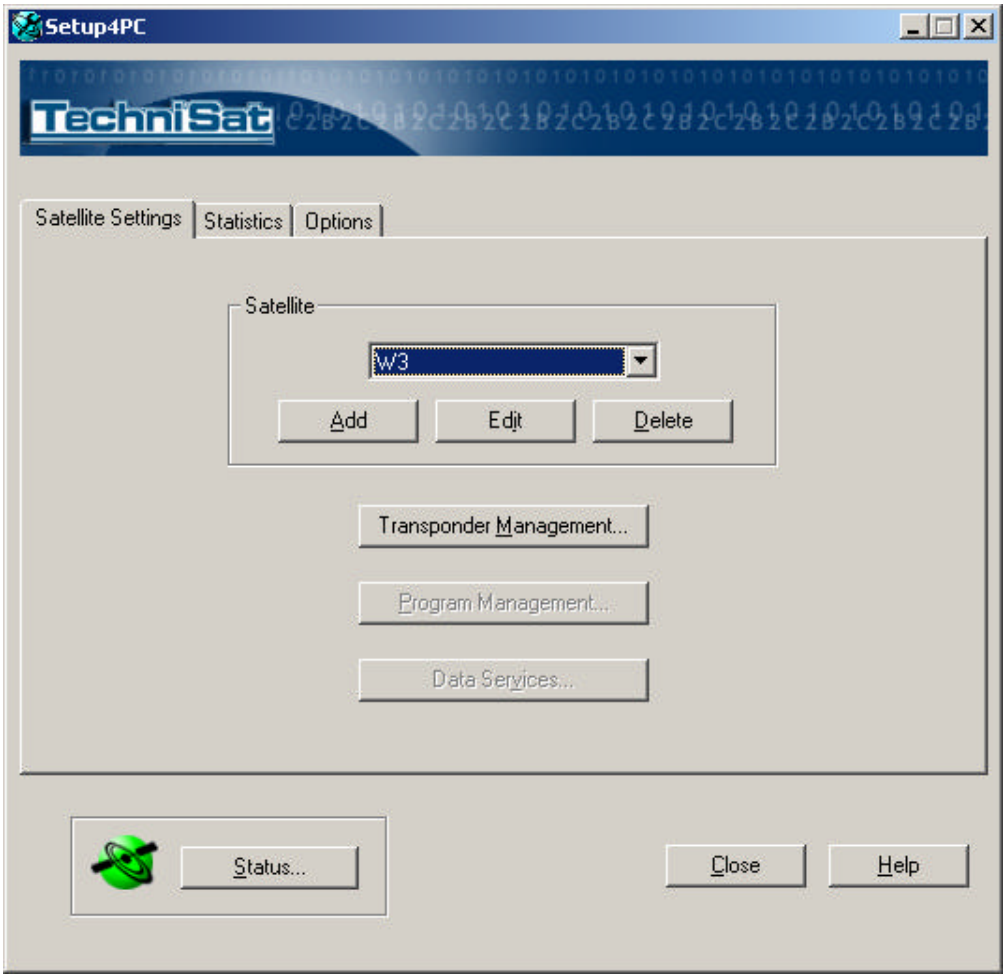
I – Driver Installation

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

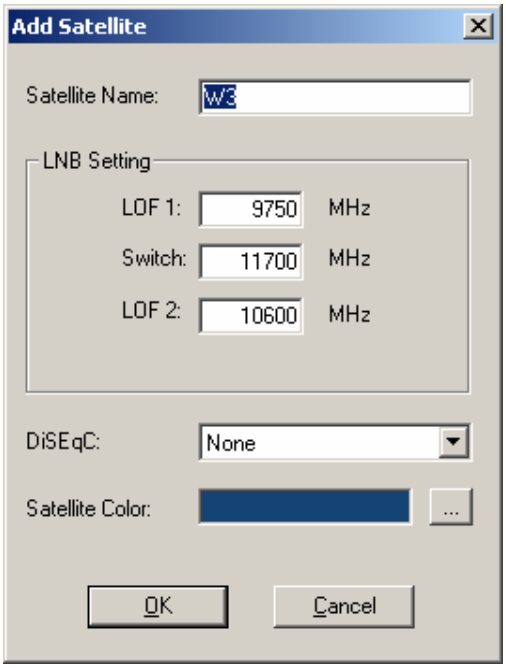
Setup4PC contains 3 configuration tabs. Every change has to be confirmed by using the *Apply* button.

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.



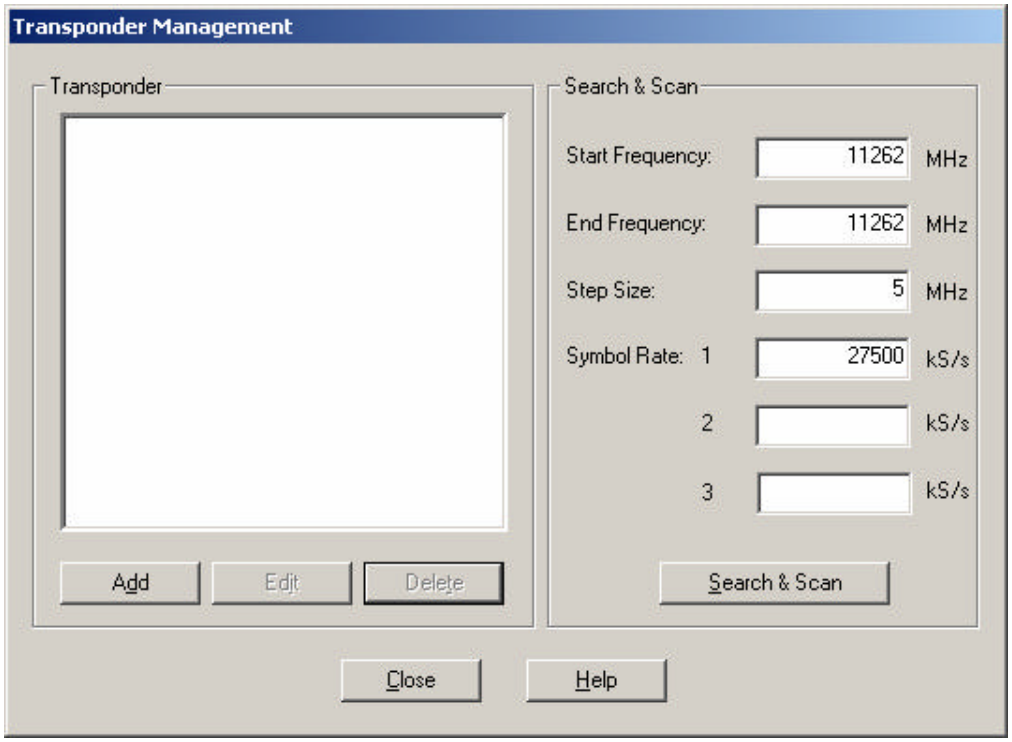
(Fig. 2)

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).

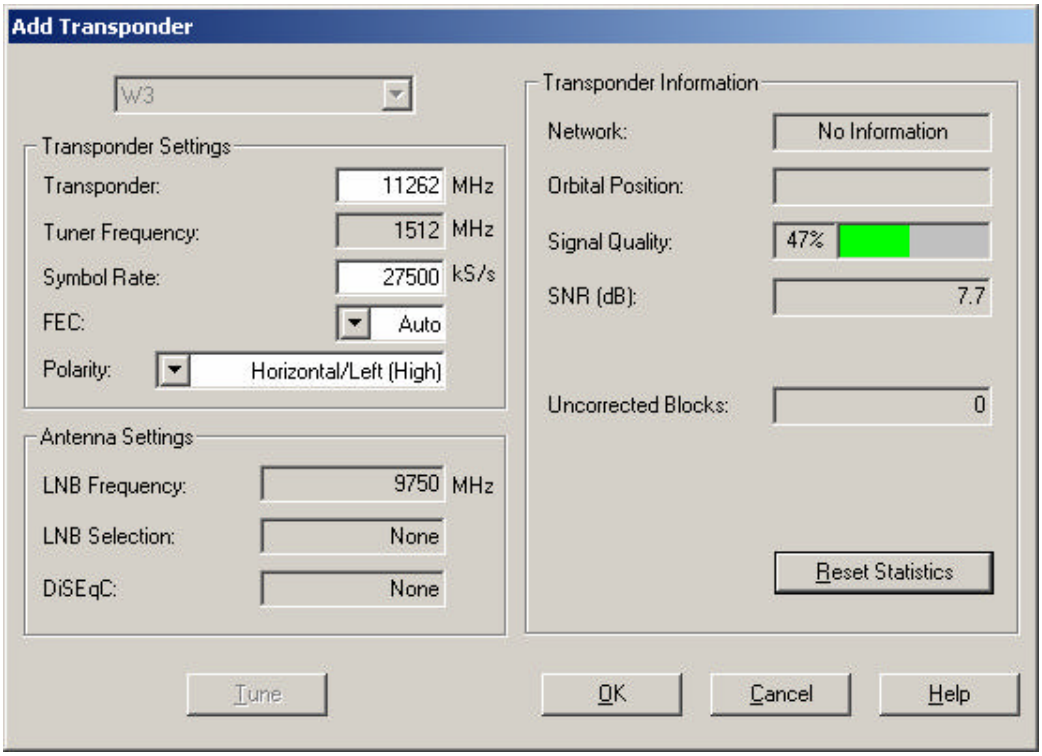
The value for *Symbol Rate* is 27500 and the *Step Size* value can be left as default.



(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.



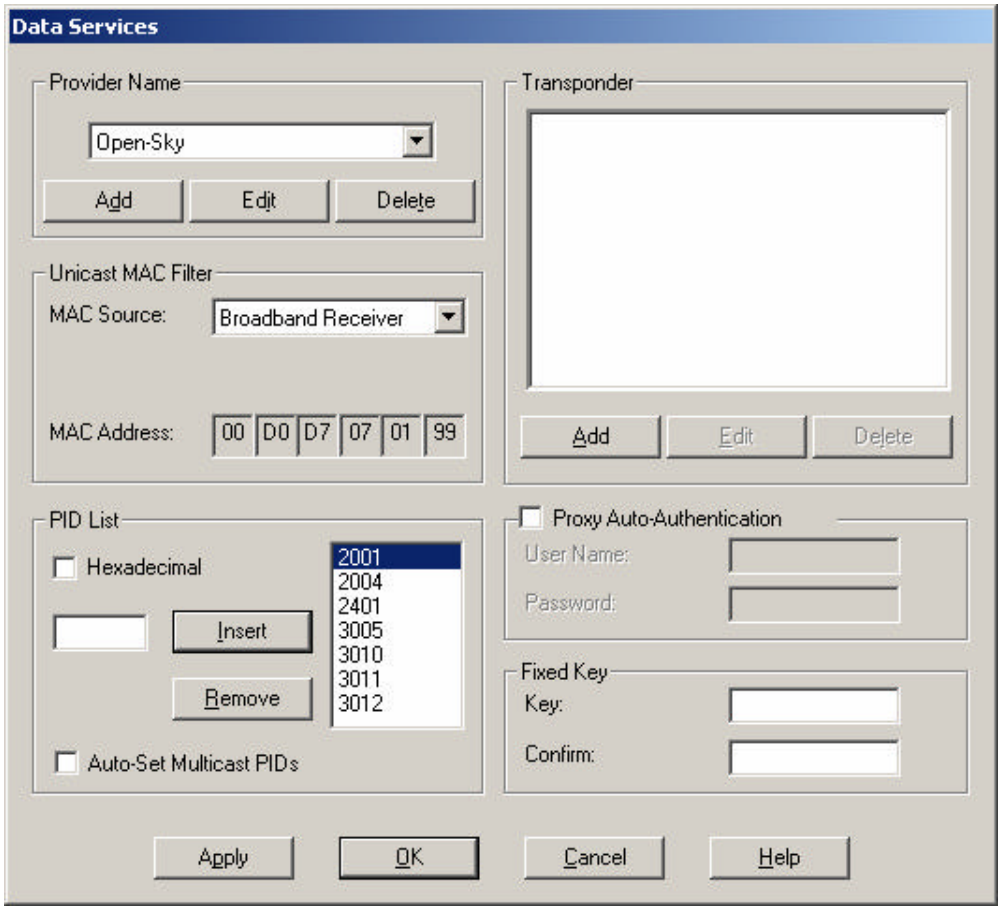
(Fig. 4)

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).



(Fig. 5)

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

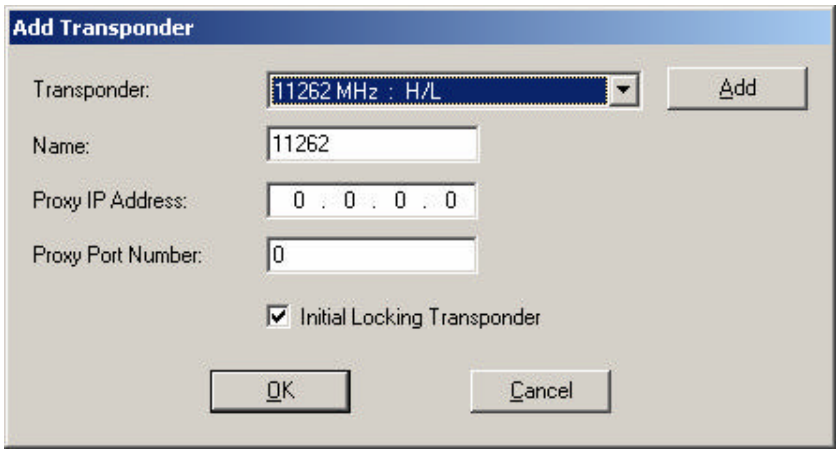
In the *PID List* panel the following values can be set (either in hexadecimal or in decimal notation):

	Decimal	**Hexadecimal**
Unicast	3010, 3011, 3012, 3013[1]	BC2, BC3, BC4, BC5
Broadcast	2401	961
Multicast	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.

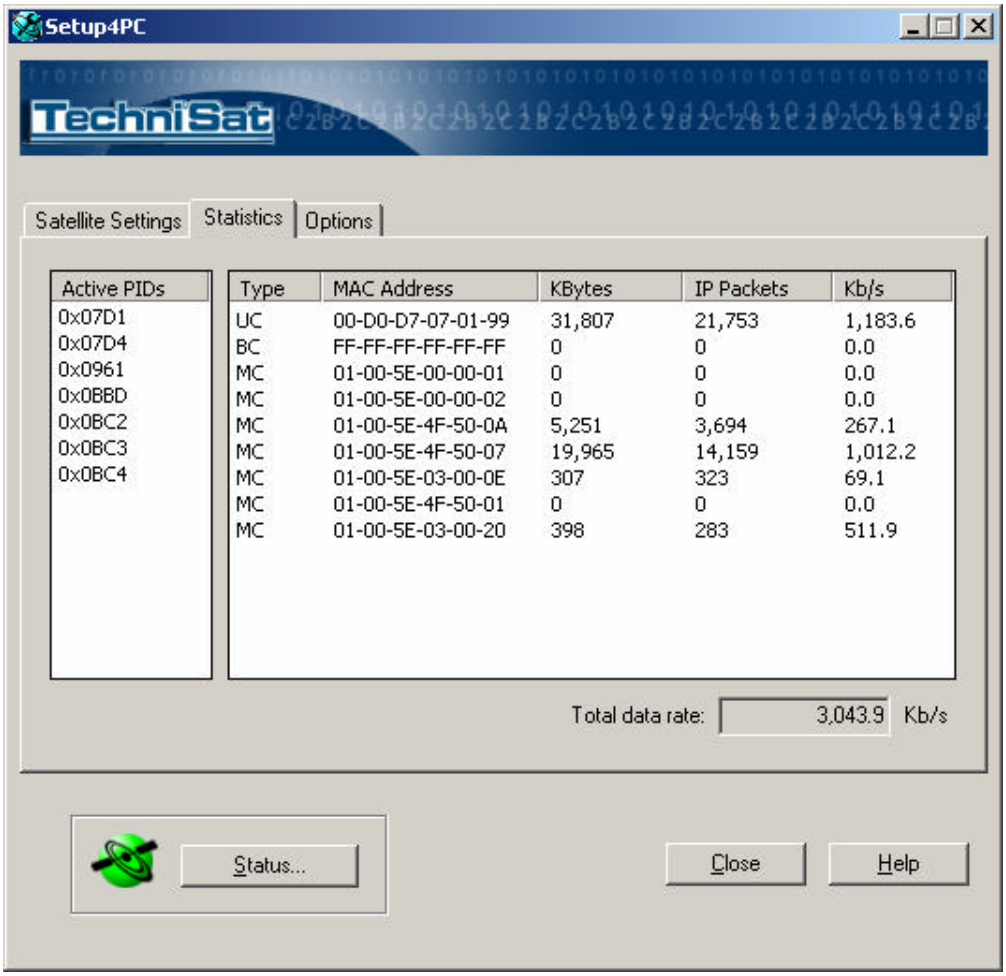
In the *Transponder* panel press the *Add* button to set the name of Transponder ("11262" in this case, as in Figure 6).



(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.