



BroadSat, Customer Care

Technotrend card used with OPENSKYä Services Configuration Guide

27/03/2002

SECTIONS

I- Driver Installation

II- Driver Configuration under Windows OS

I- Satellite settings

I – Driver Installation

It is possible to download the drivers from the section Downloads or System Support on these different web sites providers:

www.technotrend.com

www.hauppauge.de

www.technisat.com

www.galaxis.com

www.tmx.it

The drivers available on the www.fujitsu-siemens.com web site do not work.

The driver used for the tests is the Technotrend v. 2.08, available on the manufacturer web.

II – Driver Configuration

When the driver is installed, it is necessary to configure the satellite settings, using the utility **DVB Data Broadcast** that can be found in Start → Programs → Multimedia DVB PCI. With Hauppauge and Technisat distribution the utility name is **DVB Data Services**. This program is located in the installation folder of the **Hauppauge WinTV DVB-S** and the **Technisat TV SkyStar 1 DVB**.

1- Satellite Settings

For this card there are different kinds of driver divided in two different groups:

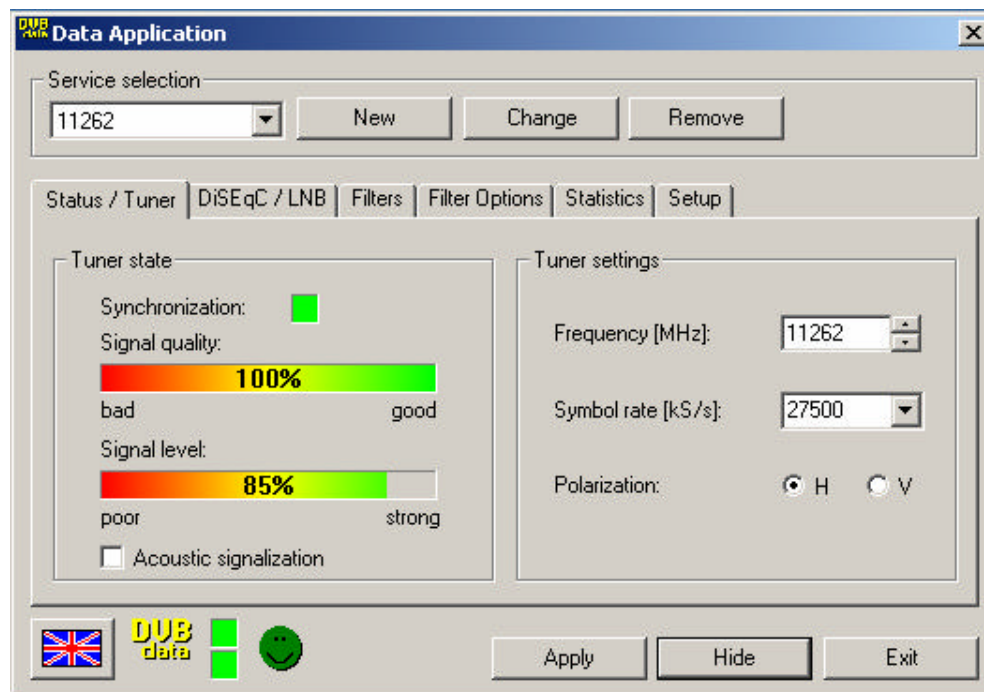
- A. Fujitsu-Siemens driver
- B. Technotrend/Technisat/Hauppauge driver.

A. Fujitsu-Siemens :

This driver does not work correctly with all the Operating systems.

B. Technotrend/Technisat/Hauppauge:

As a first step, add a new *Service* by pressing the *New* button in *Service Selection* at the top of the driver screen. This profile will contain the OPENSky™ parameters (Fig. 1).



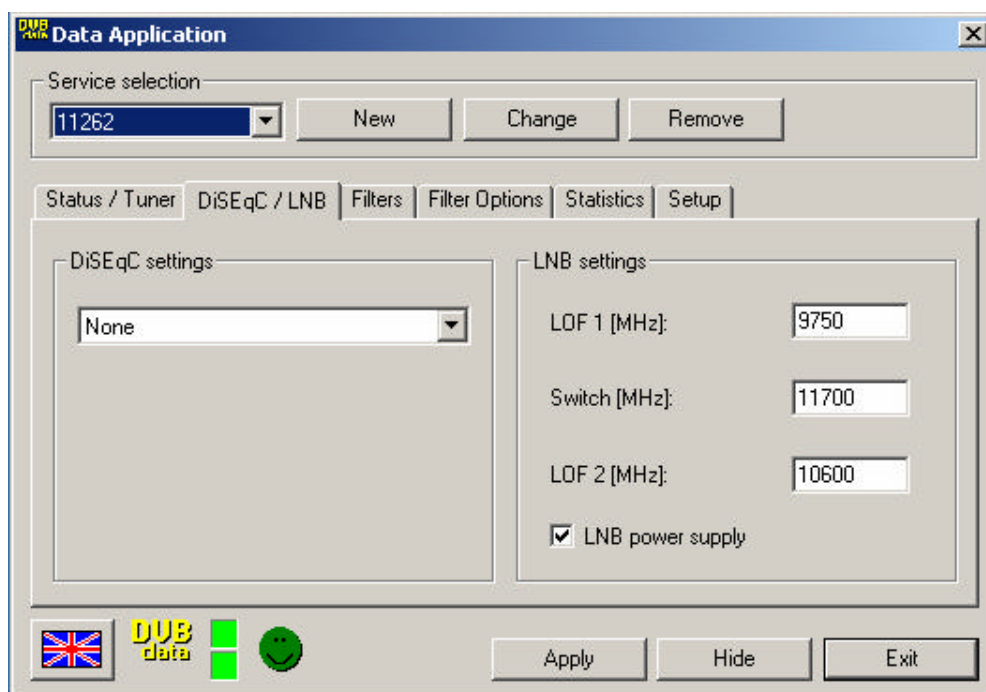
(fig. 1)

In the first menu “*Status/Tuner*”, set the following values:

- Frequency: 11262 MHz
- Symbol Rate 27500 kS/s
- Polarization: H (Horizontal)

Then in the second menu, some parameters related to your satellite installation should be specified (Fig. 2):

- *DiSEqC/LNB*
- LOF1 9750, Switch 11700, LOF2 10600 and LNB power supply are the most common values (if you have any doubt, please contact your antenna installer).



(Fig. 2)

After this, press the *Apply* button in order to load the new parameters.

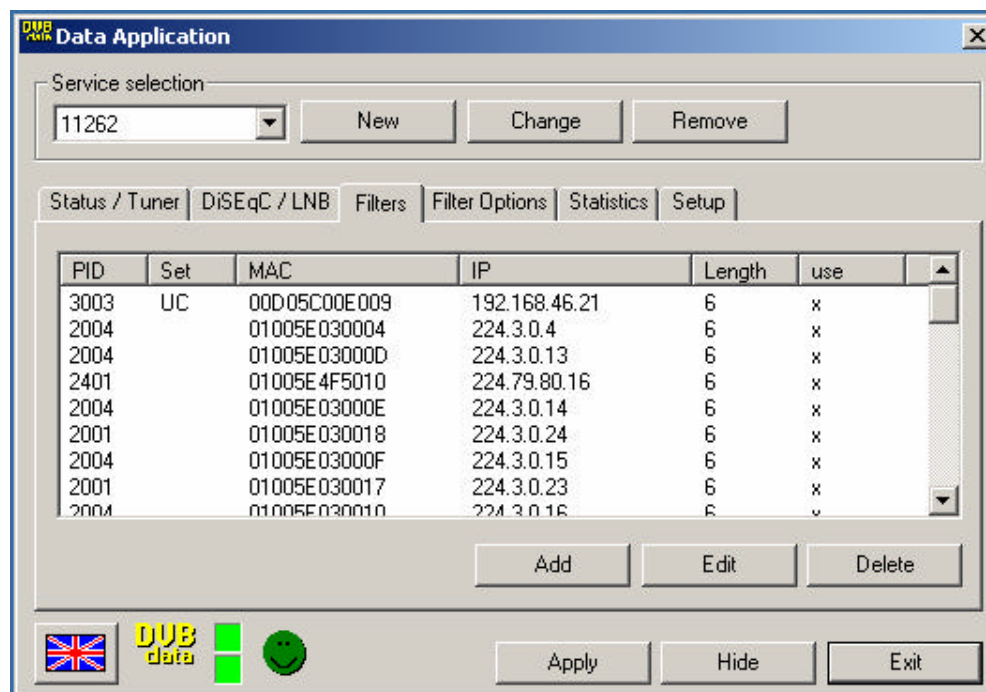
If all the parameters are correct, you will see in the previous *Status/ Tuner* menu that the *Signal quality*” and the *Signal level* bars will become green, as in Fig. 1.

In the next *Filters* section, you will have to insert all the PIDs where the OPENSky™ services are available. The application is able to recognize the MAC and IP address of each received.

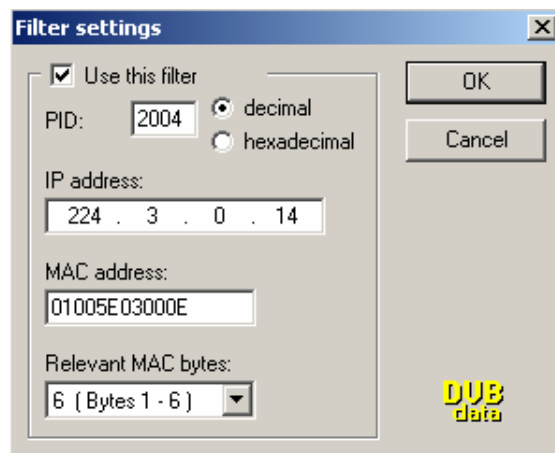
There are two ways to set the Table 1 values:

1. Double-click on the channel to set. When the MAC and IP address appear in the *Filter settings* panel, set the right PID for the channel;
2. Click on the *Add* button, then the right PID for each MAC and IP address has to be inserted

(Figs.. 3-4 an Table1).



(Fig. 3)



(Fig. 4)

Table 1

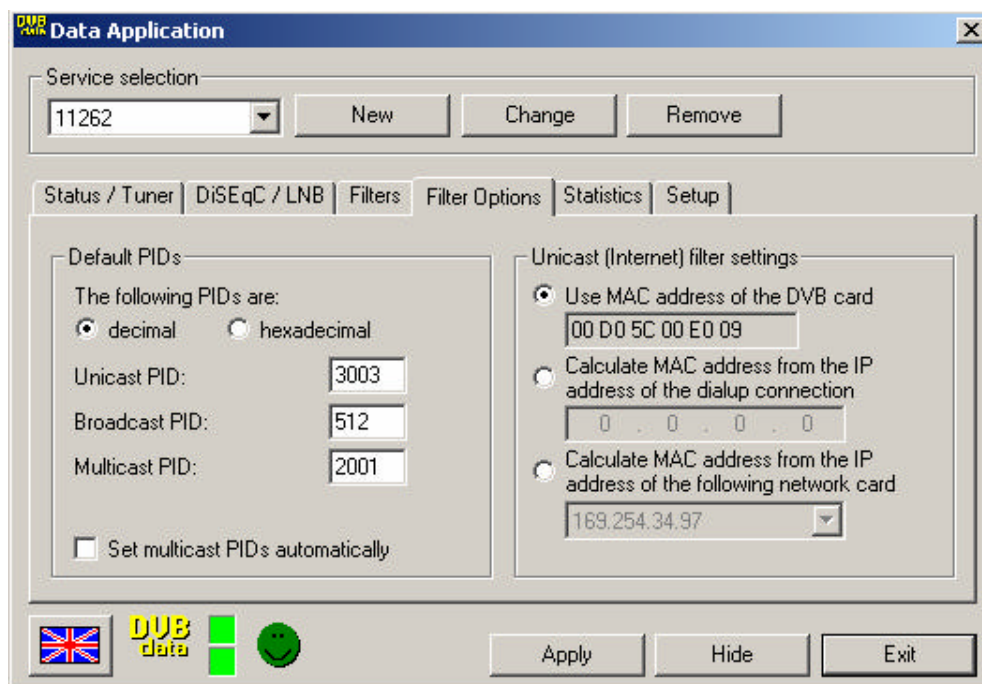
<i>PID</i>	<i>Name</i>	<i>MAC Address</i>
2004	2 M	01-00-5E-03-00-01
2004	Fashion TV	01-00-5E-03-00-02
2004	Onyx	01-00-5E-03-00-03
2004	Euronews	01-00-5E-03-00-04
2001	Leonardo	01-00-5E-03-00-05
2001	Nuvolari	01-00-5E-03-00-06
2001	Rai Educational	01-00-5E-03-00-07
2001	Rai Due	01-00-5E-03-00-08
2001	Rai Uno	01-00-5E-03-00-09
2001	Rai news24	01-00-5E-03-00-10
2001	Saling channel	01-00-5E-03-00-11
2001	Video Italia	01-00-5E-03-00-12
2004	TV5	01-00-5E-03-00-13
2004	CNBC	01-00-5E-03-00-14
2004	CNN	01-00-5E-03-00-15
2004	ITV	01-00-5E-03-00-16
2004	MTV	01-00-5E-03-00-17
2004	TV Breizh	01-00-5E-03-00-18
2001	Salute e Benessere	01-00-5E-03-00-20
2004	Eutelsat Multimedia Conference	01-00-5E-00-00-01
2004	Film Festival	01-00-5E-00-00-02

The filters for the Push Services have also to be inserted:

<i>PID</i>	<i>Name</i>	<i>MAC Address</i>
2401	PUSH	01-00-5E-4F-50-xx

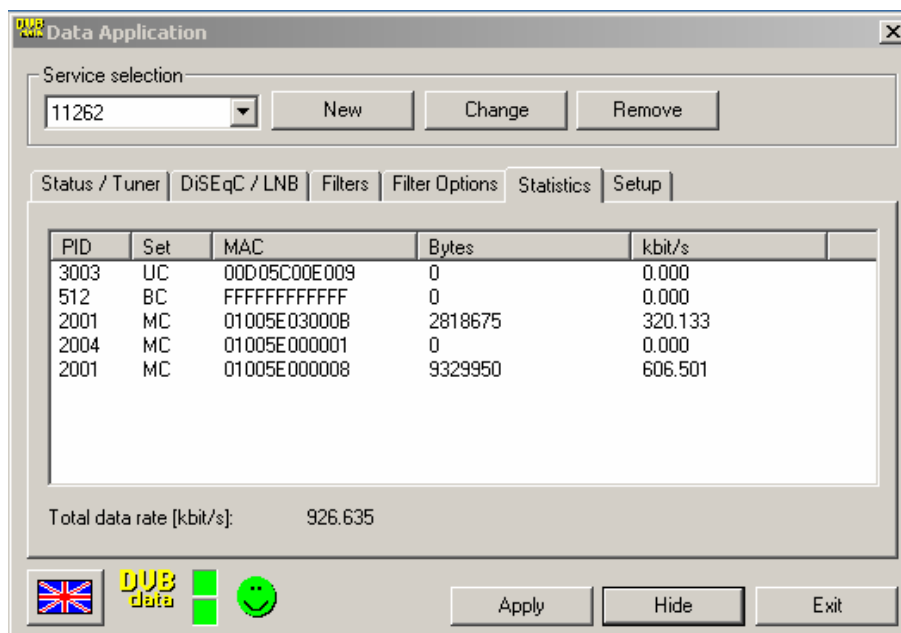
Then insert the value of an available PID (for ex. 2001) in the *Multicast PID* box. Press the *Apply* button. All the broadcast channels on this PID will be displayed and the filters are automatically memorised by the application. The same operations have to be repeated for each available PID.

In the *Filter Options* menu (fig. 5), the PID for the Unicast service (Fast Internet) has to be inserted in the *Unicast PID* with the value given at the OPENSky™ (300X) registration. In the right part of the screen, the “*Use MAC address of the DVB card*” option has to be selected.



(Fig 5)

From the *Statistics* tag (Fig. 6), it is possible to check data in real time for every filter of the transmission (bytes received and speed in Kbit/s).



(Fig. 6)