

## TRAXIS DBS3500 BLIND SEARCH DIGITAL RECEIVER



- \* **Blind Search \* Fully MPEG2 DVB Compliant**
- \* **Free converting between PAL source and NTSC display**
- \* **User programmable various satellite and transponder information**
- \* **Stores up to 100 satellites/4,000 channels**
- \* **EPG: Display of title and information up to 16 days events**
- \* **Easy and fast software upgrade through RS232 port**
- \* **Multi LNBF control by DiSEqC 1.0/1.2 and 0/22KHz switching**
- \* **SCPC/MCPC receivable from C and Ku band satellites**
- \* **Multi-language: English, German, French, Spanish, Italian, Polish, Portuguese, Turkish**

### DBS3500 Specs

LNB TUNER INPUT		MODULATOR	
Connector	If Input F type female Loop Thru F type female	Output Video Carrier	CH 3 (61.25 MHz) CH 4 (67.25 MHz)
Impedance	75 Ohms	Video Carrier Level	67dBuV
Input Frequency	950 - 2150 MHz	Demodulation	QPSK
Input Signal Level	-25dBm to -65 dBm	Sound Carrier Level	16dB
IF Frequency	Zero IF	Symbol Rate MCPC	2 -45 Ms/s
LNB Power & Polarization	V=13 VDC 12.5 - 14 VDC	Scan Detection	Manual and Blind Search
Overload Protected	H=18 VDC 18 - 19.5 VDC	Output Impedance	75 ohm
LNB Power off	1 VDC Max.	Sound Carrier Frequency	4.50 MHz
22 KHz Tone	Impedance 500 ohms Frequency 22Khz+/-4KHz Amplitude 0.65+/- 0.25Vp-p Rise Time 10us Duty Cycle 50%	TV Standard	NTSC-M
DiSEqC	1.0/1.1/1.2	RS-232 Low speed serial data	
VIDEO OUTPUT		Connector	9-pin D-sub
Connector TV	RCA Jack (yellow)	Signals	RS232, Max: 115.2 K bit/s
Video Decoder	DVB MPEG2 4:2:0	FRONT PANEL	
		Display	4x7 Segment LED
		Buttons	Power On/Off CH up CH down

Output Impedance	75 ohms
Output Level	1.0Vp-p
Video Polarity	Normal/Invert
Frequency Response	30Hz to 5 MHz
<b>AUDIO OUTPUT</b>	
Connector TV	RCA Jack (L white/R red)
Output Impedance	600 ohms
Output Level	2.5Vp-p adjustable
Frequency Response	50Hz to 15 KHz
Mode	Mono, Left, Right, Stereo, Joint Stereo, Independent.
Volume Control	32 step
<b>AC-3 COAXIAL OUTPUT</b>	
Connector	RCA (black)
Impedance	75 ohms
Output Level	2.5Vp-p
Digital Optical SPDIF Output	2.5Vp-p

<b>GENERAL DATA</b>	
Supply Voltage	AC 90V to 264V 50 to 60 Hz
Power Consumption Max.	15W
Power Consumption in Standby	less than 3W
Working Temperature	-5°C to +50°C
Storage Temperature	-20°C to +65°C
Remote Operating Distance	8 meter Min.
Remote angle	+/-25 Degree Min.
<b>Environmental</b>	
Humidity	40 RH to 90 RH
Sea Level Altitude	17,000 ft
<b>Mechanical Specifications</b>	
Dimensions	280x210x68mm

