



A. Tuner & Demodulator

Input Frequency Range	950MHz to 2150 MHz
RF Input Signal Level	-25 to -65dBm
RF Impedance	75Ω
IF Bandwidth	55MHz/8MHz (Under 5Msps)
LNB power	13/18DC, 14/19V+/-5 &, 0.5Amax, 0.8Apeak overload protected
LNB Tone Switch	22kHz+/-2kHz, 0.6Vpp+/-0.2V
DiSEqC Control	Version 1.2, Tone burst A/B
Demodulation	QPSK
Symbol Rate	1-45Msps/SCpC, MCPC

B. MPEG

Transport Stream	MPEG-2 ISO/IEC13818 Transport Stream Specification
Input Rate	Max.15Mbit/s
Video	MPEG-2 MP@ML
Audio	MPEG-1/2 Audio Layer L2
Aspect Ratio	4:3,16:9
Video Resolution	720x576(PAL), 720x480(NTSC)
Audio Mode	Stereo, Dual channel, joint stereo, Mono
Audio Sampling Frequency	32/44.1/48kHz

C. Connector

LNB IF input	F type, IEC 169-24 Female
LNB IF Loop-through Output	F type, IEC 169-24 Female
TV SCART	RGB, CVBS, L, R OUT
VCR SCART	CVBS L, R OUT AUDIO L, R
Serial Port	RS232C D-sub male type
S/P DIF	Fiber-Optic connection (Digital Audio Output)

D. RF-modulator

RF-Connector	75ohm IEC169-2, Male/Female
Frequency	470MHz to 860MHz
Output Channel	CH 21-69 for the Demodulator
TV Standard	PAL B/G/I/D/K Selectable in Menus

E. Power Supply

Input Voltage	90-260VAC(SMPS)
Power Consumption	Max. 30W
Weight	Appr.1.5KG
Operating Temperature	0°C-40°C
Storage Temperature	-40°C-65°C

F. PCMCIA (Except FTA)

Number of Slots	2
Type	I,II DVB Common Interface Standard

G. Hard Disk Drive

Capacity	20.4 Gb
Speed	5400 rpm
Type	Seagate ST30410A

Unrivalled tuner sensitivity in the GbSat™ range gives you access to channels that others would struggle to see.

USALS™ integration allows you to install a complete system with ease. All GbSat™ receivers come pre-installed with Satellite positions and channels – so you can start watching as soon as the dish is aligned.

Record and Pause any Satellite Programme with this exceptional receiver. Maximum of 11 hours video recording on the large 20Gb HDD.

Full two-way communications using the USB cable, (supplied). Microsoft Windows™ Explorer will see the GbSat™ as an external hard drive. You can create folders, cut, copy, paste and rename files from the PC to sort your multimedia collection virtually any way you want to.

Radio stations will record directly to MP3 format – small enough to hold up to 200 tracks on a single CDROM if you want. Unique MP3 Juke Box function stores selections of music.

Two Common Interface slots tested working with Aston™, Betacrypt™, Conax™, Cryptoworks™, Irdeto™, Nagravision™ and Viaccess™ CAMs.

4,000 channel capacity, available in Slate Black or Silver.

