
C-Tech 1500

Digital Satellite Receiver (Free To Air)

Features

- MPEG-II digital & fully DVB compliant.
- On-screen display with 256 color full resolution.
- DiSEqC control version 1.0, 1.1, 1.2 and USALS compatible.
- Enhanced 8 favorite channel groups.
- Powerful channel control by favorites, lock, skip, move and delete function.
- Channel sort by alphabet, transponder and CAS.
- Multilingual GUI (OSG & Menu): English, Spanish, Portuguese, French, German, Italian, Turkish, Arabic, Persian, Russian.
- Extended EPG and program reservation on EPG.
- Teletext (OSD and VBI insertion)
- Subtitle.
- Last channel memory function.
- Total 5,000 channels programmable.
- Preprogrammed channels (Optional)
- Dolby digital bitstream audio out via S/PDIF.
- Multisatellite search.
- Installed games (PC Quality with stereo audio)
- Software & channel database upgrade via RS-232C: PC to STB/ STB to PC.
- Parental lock / Installation lock / receiver lock.
- Zoom in function on pause.
- Multipicture display.
- Video color adjustment function.

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Specifications

Tuner & Channel	Input connector	F-type, IEC 169-24, female
	Loop through connector	F-type, IEC 169-24, female
	Frequency range	950 MHz ~ 2150 MHz
	Input impedance	75Ω unbalance
LNB Control	Signal level	-25 to -65dBm
	LNB power & Polarisation	13.5V/18V, max. 500mA
	22 KHz tone	(22±2)KHz, (0.6±0.2)V
	DISEqC control	Version 1.0 & 1.2 Compatible, USALS
	Demodulation	QPSK
	Input symbol rate	2 ~ 45 Ms/s
	FEC decode	1/2, 2/3, 3/4, 5/6 and 7/8 with constraint length K = 7
MPEG Transport Stream & A/V Decoding	Transport stream	MPEG-II ISO/IEC 13818
	Profile level	MPEG-II MP@M
	Input rate	Max. 15Mbit/s
	Video formats	4:3 Letterbox, 4:3 Pan & Scan, 16:9
	Video resolution	720 x 576, 720 x 480
	Audio decoding	MPEG/ Musicam Layer &
	Audio mode	Stereo/ Joint stereo/ Mono
	Sampling rate	32KHz, 44.1KHz and 48KHz
Main System	Main processor	CX24146
	Memory	Flash-Rom: 2MB RAM: 8MB EEPROM: 256Kb
Conditional Access Interface	PCMCIA	1 Slot (DVB Common Interface Standard)
	Smart Card Reader	1 Slot (HTS 2000+ only)
A/V In/Out	TV SCART	Video output (CVBS, RGB) · Audio output (L,R)
	VCR SCART	A/V output (CVBS, L/R) A/V input (CVBS, RGB, L/R)
	Video	RCA/ Cinch, Video output (CVBS)
	Audio L/R	RCA/ Cinch, Volume and Mute control
	S/PDIF	Digital audio output/ Cinch
Data Port	RS-232C	Transfer rate 115Kbps, 9 pin D-sub type
RF-Modulator	RF connector	75Ω, IEC 169-2, Male / Female
	Frequency	470MHz ~ 860MHz
	Output channel	CH 21 ~ 69 for the demodulator
	TV standard	PAL B / G / I / D / K selectable by Menu
	Preset channel	CH 36 (or TBD) Software changeable by Menu
Front Panel	3-Keys	Channel Up/ Down, Standby
	4-Digit 7-SEGMENT	
	2-LED	Standby, Remote
Power Supply	Input voltage	AC90-250V, 50/60Hz
	Type	SMPS (Switching Mode Power Supply)
	Power consumption	Max. 30W
	Standby power	Max. 8W
	Protection	Separate Internal Fuse (The input shall have lightning protection)
General Data	Dimensions (W x D x H)	260x232x54 mm
	Weight	ca 1,800 g
	Operating temperature	0°C ~ +45°C
	Storage temperature	-10°C ~ +70°C