



SH-3000

Digital Satellite H.264 HD STB

Unique Features

Fast Channel Change, Max 8,000 Channels programmable

VBI / OSD Teletext supportable

TTX Subtitle supportable

Dolby Digital Optical and Coaxial

USALS and DiSEqC 1.2 Available

Easy to use EPG (Electronic Program Guide) on screen

3 Games (Tetris, Sokoban, Snake)

2 CAMs of DVB-CI Standard (Viaccess, Irdeto, CryptoWorks, Nagravision, Conax, Aston, etc)

Age protection lock function

VFD Display

1080i / 720p / 576p / 576i / 480i / 480p Video Formats

YPbPr, VGA and HDMI interface

USB 2.0 host for firmware upgrade

Ethernet and Modem Option

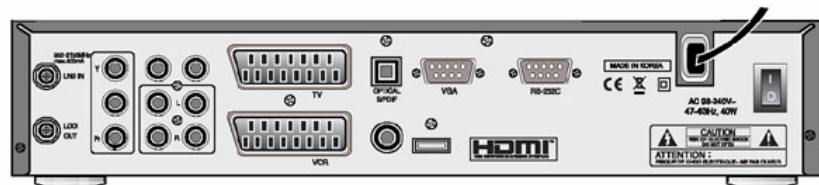
NTSC / PAL TV Mode





Basic Features

- Fully compliant with MPEG-2, H.264/AAC and DVB standard
- Fast Auto-programming and User-friendly Installation
- Powerful Channel Control by Favorites, Delete, Lock, Move and Skip
- Channel Sorting by Satellite, Name, CAS, Alphabet order
- 16 bit true color OSD & Convenient GUI (Graphic User Interface) Architecture
- Variable Aspect Ratio with 4:3, 16:9, Letter-Box & Pan-Scan, Ignore
- Multi language support for OSD & Manual / Help menu support
- Sleep Timers Programmable
- Calculator and Calendar function
- Software download via Satellite (OTA)
- PIG (Picture in Graphic)





Class		Specification		
Core Hardware	CPU	32bit RISC CPU	DDR RAM	128Mbyte
	Flash ROM	8Mbyte	EEPROM	2Kbyte
Tuner & Channel	Input Connector	IEC 169-24 Female	Signal Level	-65dBm to -25dBm
	Frequency Range	950MHz to 2150MHz	Demodulation	QPSK, 8QSK
	Input Impedance	75Ω unbalanced	Symbol Rate	1M~45M/s (DVB-S) 10M~30M/s (DVB-S2)
	LNB Power supply	13/18V/Off, Max.400mA	Band Switching	22KHz Tone, DiSEqC1.0,1.1,1.2, USALS
MPEG Transport Stream A/V Decoding	Transport Stream	H.264HP@L4.0	Video Resolution	480i/p, 576i/p, 720p, 1080i
	Profile Level	MPEG-2MP@HL, MPEG-4/AVC MP@L4	Audio Decoding	Dolby AAC, AC-3, MPEG-1 Layer 1,2 and 3
	Input Rate	Max.100Mbit/s	Audio Mode	Mono, Left, Right, Stereo, Dolby AC-3
	Aspect Ratio	4:3, 16:9, Auto	Sampling Rate	32, 44.1 and 48KHz (According to input stream)
A/V & Data In/Out	TV SCART	RGB, CVBS,Y/C Audio L/R	SPDIF	Digital Audio Output
	VCR SCART	CVBS, RGB, Y/C Audio L/R	RS-232C	Transfer rate 115Kbps
	S-VHS	DIN jack/S-Video Output	VGA D-SUB	RGB, HV
	Component	RCA/Cinch Video Output	Modem	Option
	Composite	RCA/Cinch Video Output	LAN	10/100Mbps Ethernet (Option)
	Audio R/L	RCA/Cinch Volume and Mute control	USB	2.0 Host x 1EA (Front)
	HDMI	Digital A/V Output		
Power Supply	Input Voltage	98~220VAC@50Hz/60Hz	Power Consumption	Max.40W
	Type	SMPS	Stand by	3W
Front	Display	12Digit VFD Dot Matrix	PCMCIA	2 Slot
	LED / Button	1LED / 7 Button	Smart Card	1 Slot (Option)
Physical Specification	Size [W x H x D]	335 x 58.5 x 268 (mm)	Weight [Net]	TBD
	Operation Temperature	0°C ~ 45°C	Storage Temperature	-20°C ~ + 70°C



<System Information>



<TP Edit / Scan>



<System Setting>



<Game>



<Calendar>



<Calcurator>

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