

DT432S DIGITAL SATELLITE RECEIVER

FEATURES

Easy Graphic MENU Interface
Multi-language Menu
OSD: Transparency & Blending, 256 Palette Colors
7 Front Panel Buttons & IR Remote Controller User Interface
Multi-audio
Editing Functions (TV or Radio Channel, Channel Name, PID, Satellite Name)
EPG for On Screen Channel Information
Channels Memory for Multi-satellite
10 TIMERS
Multi-Transponder & Multi-Satellite Scan
Supports DiSEqC1.0/DiSEqC 1.2, 13/18V, 0/22KHz Tone
2-SCART (TV & VCR) Connectors & 3-RCA (CVBS,L,R)
Digital Tuner with Loop-through
SCPC/MCPC Receivable from C/KU-band Satellite
Wide Symbol Rate 2~45 Mbps & 950~2150 MHz input Frequency
RS232C Port for Updating Control Software and Additional Service
Support Full-X1/X2 through Catridge decode board
Infocast mail (coming soon)

SPECIFICATIONS

Demodulator	Demodulation	QPSK
	Input Symbol Rate	2 to 45 Ms/s
	SCPC and MCPC signals	from C/KU band satellites
	SCPC and MCPC	signals from C/ KU band satellites
Video decoder	Profile Rate	MPEG-2 Main Profile @ Main Level
	Input Rate Max	60Mbit/s
	Video Resolution	720 x 576 (PAL), 720 x 480 (NTSC)
	Video output level	1.0V _{p-p} , 75 Ohm
Audio decoder	Audio Decoding	MPEG/MusiCam layer I & II, MP3, AC 3
	Audio Mode	Stereo, Dual channel, Joint stereo, Mono
Tuner	Input Frequency Range	950MHz to 2150MHz
	RF input Signal Level	-25 to -65 dBm
	LNB Power	13.5 / 18.5Vdc (+/- 5%), 500 mA Max
	Overload	Protected
	DiSEqC Version	1.0 and 1.2
USB	USB version	USB 1.0/1.1

RF Modulator	Output channels	PLL CH 21 - 69
	TV Standard	NTSC, PAL G/I/K
Remote Control	Number of Keys	34 Keys
	Batteries 2 Size	AAA
Summary of connectors	LNB IF	input 1 Female F Type, IEC169-24
	LNB IF loop through output	1 Female F Type, IEC169-24
	Scart connectors	TV Scart: RGB, CVBS, Audio L&R output with Volume Control. VCR Scart: CVBS, Audio L&R output. RGB, CVBS, Audio L&R in
	RCA Jack	CVBS Out, Audio L&R Outputs,
	Serial Port	RS-232, 9-pin D-sub type
	RF Connector	75?, IEC169-2 Male/Female
	USB Connector	Type B
	CA SLOT	ISO7816-3, 1 Slot, Neotion cartridge
System and Memory	Main Processor	Sti5518
	Flash Memory	2 Mbytes
	SDRAM	8 Mbytes
General Data	Operating Temperature	00 C to 400 C
	Storage Temperature	-10 to +50
	Input Voltage Range	90 VAC to 240 VAC (SMPS)
	Power Consumption	Max 40W
	Weight	2 Kg
	Size (W*H*D)	280mm* 60mm* 250mm

DT460S DIGITAL SATELLITE RECEIVER



MAIN FEATURES

<Common Part>

Embedded two CI (Support Viaccess/ Irdeto/ Nagravision/ Crypto Works/ alphaCrypt/ Aston Crypt and more...)

<Digital Part>

Irdeto embedded
 Over 4900 channel memory capacity for over 64 pre-programmed satellites
 4 separate Favourite lists for TV and Radio programs
 Games (Tetris, Socoban & Snake)
 Multi lingual support on screen Menu
 Easy to use 256 colors graphic menu with PIG (Picture In Graphic), adjustable colours, transparency and brightness
 Full Electronic Program Guide for on screen program information
 Automatic channel scan options
 Edit functions for TV or Radio program name, Favourite Group name, PID and Transponder information
 Power on function with last viewed or user defined channel
 Software update and Program list edit functions via PC with RS 232 connector
 Parental lock functions selectable per channel
 Teletext via TV (VBI) and OSD
 Subtitling support
 Advanced timer and calendar functions
 Full menu access by Remote Control Unit or by 7 front panel buttons
 User friendly Remote Control Unit with 4 colored function buttons
 Front Panel LED display
 DiSEqC 1.0, 1.2

SPECIFICATIONS

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	Input Symbol Rate	2 to 45 Ms/s
Demodulator	SCPC and MCPC signals	from C/KU band satellites
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	Video output level	1.0Vp_p, 75 Ohm
Audio decoder	Audio Decoding	MPEG/MusiCam layer I & II, MP3, AC 3
	Audio Mode	Stereo, Dual channel, Joint stereo, Mono
Tuner	Input Frequency Range	950MHz to 2150MHz
	RF input Signal Level	-25 to -65 dBm
	LNB Power	.13.5 / 18.5Vdc (+/- 5%), 500

		mA Max
	Overload	Protected
	DiSEqC Version	1.0 and 1.2
	2 Slots type	I / II PCMCIA
CI slot: (only for CI model)	Standard DVB Common Interface compliantBaud rate	(Compatible Viaccess, Nagravision, Seca, Irdeto, Cryptoworks, Betacrypt, Conax , etc.)115Kbps
RF Modulator	Output channels	PLL CH 21 - 69
	TV Standard	NTSC, PAL G/I/K
Remote Control	Number of Keys	31 Keys
	Batteries 2 Size	AAA
	LNB IF	input 1 Female F Type, IEC169-24
	LNB IF loop through output	1 Female F Type, IEC169-24
Summary of connectors	Scart connectors	TV Scart: RGB, CVBS, Audio L&R output with Volume Control. VCR Scart: CVBS, Audio L&R output. RGB, CVBS, Audio L&R in
	RCA Jack	CVBS Out, Audio L&R Outputs, 0/12V DC 150mA Out
	Serial Port Connector	RS-232 9-pin D-sub type
	RF Connector	75W
	IEC169-2	Male/Female
	Main Processor	Sti5518
System and Memory	Flash Memory	2 Mbytes
	SDRAM	8 Mbytes
	EEPROM	64 Kbits
	Operating Temperature	00 C to 400 C
	Storage Temperature	-10 0 C to +50 0 C
General Data	Input Voltage Range	90 VAC to 240 VAC (SMPS)
	Power Consumption	Max 40W
	Weight	2 Kg
	Size (W*H*D)	280mm 60mm 250mm

DT414S DIGITAL SATELLITE RECEIVER

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<CI Part>

Embedded two CI(Support Viaccess/ Irdeto/ Nagravision/ Crypto Works/ alphaCrypt/ Aston Crypt and more)

<Digital Part>

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4 separate Favourite lists for TV and Radio programs

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	Serial Port	RS-232
	Connector	9-pin D-sub type
	RF Connector	75W
	IEC169-2	Male/Female
	Main Processor	Sti5518
	System and Memory	Flash Memory
SDRAM		8 Mbytes
EEPROM		64 Kbits
General Data	Operating Temperature	00 C to 400 C
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