

FREE TO AIR DIGITAL SATELLITE TELEVISION RECEIVER

SRT 4300



- * **DVR Function via External USB Hard Drive (Sold Separately)**
- * **Record & Playback**
- * **USB 2.0 Host for Video & MP3 playback, JPEG viewing & Firmware Update**
- * **Closed Captions**
- * **Advanced Blindscan**
- * **Electronic Program Guide**
- * **Parental Lock**
- * **RF Modulator**



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IF Section

Input Frequency Range	: 950 - 2150 MHz	I.F. Bandwidth	: 36 MHz						
Input Frequency Level	: -85 dBm — -25 dBm	Input Return Loss	: -6 dBm						
Noise Figure	: 10 dB Max.	Tuning Step Size	: 125 KHz						
Input Impedance	: 75 ohm	Demodulation	: Shaped QPSK						
LO1 Phase Noise:	<table border="1"> <tr> <td>Offset Freq.</td> <td>dBc/Hz</td> </tr> <tr> <td>10 KHz</td> <td>-75</td> </tr> <tr> <td>100 KHz</td> <td>-95</td> </tr> </table>	Offset Freq.	dBc/Hz	10 KHz	-75	100 KHz	-95	Symbol Rate	: 2-45 Mbauds
Offset Freq.	dBc/Hz								
10 KHz	-75								
100 KHz	-95								
		FEC Coding	: Concatenated Viterbi & Reed-Solomon						
		Viterbi Rates	: k=7 Rate 1/2, 2/3, 3/4, 5/6, 7/8, AUTO						
		Roll-off Factor	: 35%						
Acquisition Frequency Uncertainty	: Auto								
Eb No Performance, BER	: Exceeds DVB Recommendation for all FEC Rates								

LNB Section

Connector	: F-Type - Loop-through	Band (Hi/Lo) Selection	: 22 KHz On/Off
Power	: 400 mA Max.	DISEqC 1.2	: 64 Universal LNB Control
Polarization	: Horizontal: DC 16-19 V Vertical : DC 12-14.5 V	USALS	: Positioner Control Automatic Satellite Locator

A/V & Data Input/Output

Video	: RCA/Cinch Y, Pb, Pr (Component) : RCA/Cinch (CVBS)
Audio	: RCA/Cinch L/R with Volume & Mute Control (2 pairs) : Resolution: 20 bits DAC, Max 2 Vrms : S/PDIF for Dolby Digital and MPEG-2 Bit Stream Out
RS-232C	: Transfer Rate 115Kbps, 9 PIN D-Sub Type
USB 2.0	: Video File Type : *.MPG, *.DAT, *.VOB, *.AVI, *.Xvid & *.DivX (4.0 / 5.0) : Audio File Type : *.MP3 & *.WAV : Picture File Type : *.JPEG

Connectors Section

Component Y / Pb / Pr	: RCA x 3	Aerial In	: IEC Female
A/V Out	: RCA x 5	Service Port	: RS-232C (115 Kbps Max.)
RF Out	: IEC Male	Digital Audio Output	: RCA
USB 2.0	: Type A Port		

Modulator Section

Output	: PAL G/I/K	CH	: 21-69 UHF (PLL Controlled)
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System Resources

Flash Memory	: 2Mbyte
SDRAM	: 16Mbyte
Main CPU MPEG Chip	: SPHE1002

Power Supply

Input Voltage	: AC 100 to 240V	Power Consumption	: Max. 15 W
Protection	: Separate Internal Fuse	Type	: Switch Mode Power Supply

Physical Specifications

Size (W x H x D)	: 250 x 38 x 175 (case) 185 (end of connectors) mm
Net Weight	: 1.9 Kg
Operating Temperature	: 0°C - 50°C

E. & O. E.

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