



SRT 4894

TWIN TUNER
PVR Personal Video Recorder

- 250 GB Hard Disk Drive
- 125 Hours Recording Capacity
- Simultaneous 4-Channel Recording and 1-Channel Playback
- Time Shift
- Picture-In-Picture
- USB 2.0 Interface For File Transfer To PC
- MP3 Playback

- 8,000 Programmable Channels
- Common Interface (2 Slots)
- DiSEqC 1.2 & USALS Compatible
- Component: Y / Pb / Pr SCART Outputs
- Super Video: 4-Pin Mini DIN Output
- Digital Audio Optical Output
- 16:9 Fullscreen, 4:3 Letterbox & Fullscreen
- Auto & Manual Search Mode
- Electronic Program Guide
- 40-Event Timer Control
- Multi Picture Display & Zoom
- Teletext
- DVB-S, MPEG-2 Compliant
- QPSK Demodulation
- 0/12V External Switching
- 21-69 UHF PLL Modulator
- Downloadable Software Updates
- Fan Cooled
- Auto Voltage (AC 100-240V) Power Supply

TWIN TUNER DIGITAL SATELLITE TELEVISION RECEIVER



STRONG

not just by name



SRT 4894 SPECIFICATIONS

IF SECTION

Input Frequency Range	: 950 - 2150 MHz	I.F. Bandwidth	: 36 MHz
Input Frequency Level	: -65 dBm - -25 dBm	Input Return Loss	: -8 dBm
Noise Figure	: 12 dB Max.	Tuning Step Size	: 125 KHz
Input Impedance	: 75 ohm	Demodulation	: Shaped QPSK
LO1 Phase Noise	: Offset Freq. dBc/Hz	Symbol Rate	: 2-45 Mbauds
	Typ. Max.	FEC Coding	: Concatenated Viterbi & Reed-Solomon
	1 KHz -54 -48	Viterbi Rates	: k=7 Rate 1/2, 2/3, 3/4, 5/6, 7/8, AUTO
	10 KHz -82 -73	Roll-off Factor	: 35%
	100 KHz -105 -96		
	1 MHz -120 -112		
Acquisition Frequency Uncertainty	: 3 MHz		
Eb No Performance, BER	: Exceeds DVB Recommendation for all FEC Rates		

LNB SECTION

Input Connector	: F-Type (Female) x 2	Band (Hi/Lo) Selection	: 22 KHz On/Off
Power	: 400 mA Max.	DiSEqC 1.2 Interface	: 64 Universal LNB Control
Polarization	: Horizontal : DC 16-19 V	USALS	: Automatic Satellite Locator
	Vertical : DC 11-14 V	Loop Out	: F-Type (Female) x 2

SYSTEM RESOURCES

Processor	: 200MIPS@167MHz	FLASH	: 4 MB
SDRAM	: 64 MB	EEPROM	: 128 Kb
HDD	: 250 GB - ATA - HDMA66		

VIDEO SECTION

Decoding	: MPEG-2 ISO/IEC 13818	Bar Amplitude Error	: 6%
Compression Technique	: Main Profile, Main level	Field Time Distortion	: 3% Max.
Format	: PAL	Line Time Distortion	: 3% Max.
Frame Rate	: 25 Hz	Short Time Distortion	: 5% Max.
Aspect Ratio	: 4:3, 16:9	Luminance Nonlinearity	: 5% Max.
Active Pixel	: 720 x 576	Differential Gain	: 5% Max.
Output Impedance	: 75 ohm	Differential Phase	: 5° Max.
Composite Output Level	: 1Vp-p±0.1Vp-p (75 ohm load)	S/N Unweighted	: 56 dB Min.
Component Output Level	Y : 1Vp-p±0.1Vp-p (75 ohm load)	C/L Intermodulation	: 5% Max.
	Pb : 0.52Vp-p 0.5Vp-p (75 ohm load)	Chrominance Nonlinearity	: 5% Max.
	Pr : 0.52Vp-p 0.5Vp-p (75 ohm load)	C/L Delay	: 75 nsec Max.
Input Rate	: 81 Mbit/s Max.	Frequency Response	: 3 dB Max. (0.5-5.0 MHz)

AUDIO SECTION

Compression Technique	: MPEG-1, 2 Layer 1 & 2	Output Level	: 3.0 Vp-p Max.
Sound Mode	: Dual (Main/Sub), Stereo	Output Impedance	: 600 ohm
Sampling Frequency	: 32 KHz, 44.1 KHz, 48 KHz	Total Harmonic Distortion	: 0.3% Max. at 1 KHz
Frequency Response	: 2.0 dB - 15 Hz to 20 KHz		

CONNECTORS SECTION

Component Y/ Pb / Pr	: SCART	RF Out	: IEC Male
RGB	: SCART	Service Port	: RS-232C (115 Kbps Max.)
A/V Out	: SCART & RCA x 3	Digital Audio Output	: Optical
A/V In/Out	: VCR SCART	0/12V Control	: RCA
S-Video	: 4-Pin Mini Din	USB 2.0	: Type B Port

MODULATOR SECTION

Output	: PAL G/I/K - NTSC	CH	: 21-69 UHF (PLL Controlled)
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POWER SUPPLY

AC 100-240 V, 50/60 Hz, 30 W Max., Fan Cooled	Power Consumption	: 30W Max. (Operating Mode)
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PHYSICAL SPECIFICATIONS

Size (W x H x D)	: 370 x 60 x 268 mm	Net Weight	: 3.5Kg	E. & O. E.
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DISTRIBUTED BY:



STRONG TECHNOLOGIES PTY LTD. - 60 WEDGEWOOD ROAD, HALLAM, VICTORIA 3803, AUSTRALIA
PH: +61 3 8795-7990 FAX: +61 3 8795-7991

TECHNICAL SUPPORT: 1 800 820 030

STRONG & CO. (FAR EAST), LTD. - P. O. BOX 85, YOKOHAMA, KANAGAWA-KEN, JAPAN 231-91 - FAX: +81 45 651-1842

www.strong-technologies.com

E-mail: salesau@strong-technologies.com