SRT 4622XII

- **DVR Functions via USB External Mass Storage Device, Including Timer**
- **Time Shift, Record & Playback**
- **USB 2.0 Host for MPG & MP3 Playback, JPEG Viewing and Firmware Update**
- **Advanced Blind Scan**

- Embedded CONAX CAS7
- 10,000 Programmable Channels
- DVB, MPEG-2 Compliant
- DiSEqC 1.2 and USALS Compatible
- Downloadable Software Upgrades
- Data Transfer Between Units
- Teletext
- Electronic Program Guide
- Parental Lock
- 16 Favorite Channels Groups
- Channel Sorting by Alphabet, Transponder or CAS
- OSD in 10 Languages
- Games with Stereo Sound
- Component: Y / Pb / Pr Video Outputs
- Coaxial S/PDIF Digital Audio Output
- Multi Picture Display and Zoom
- Colour Control
- Virtual Calculator
- Auto Voltage (AC 90~250V) SMPS

DIGITAL SATELLITE RECEIVER

STRONG

www.strong-technologies.com

not just by name

STRONG SRT 4622X II SPECIFICATIONS

IF SECTION

Input Frequency Range	: 950 - 2150 MHz
Input Frequency Level	: -85 dBm ~ -25 dBm
Noise Figure	: 10 dB Max.
Input Impedance	: 75 ohm
LO1 Phase Noise:	

Offset Freq.	dBc/Hz
10 KHz	-75
100 KHz	-95

I.F. Bandwidth	: 36 MHz
Input Return Loss	: -6 dBm
Tuning Step Size	: 125 KHz
Demodulation	: Shaped QPSK
Symbol Rate	: 2-45 Mbauds
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
Power	: 400 mA Max.
Polarization	: Horizontal : DC 16-19 V Vertical : DC 12-14.5 V
Band (Hi/Lo) Selection	: 22 KHz On/Off
DiSEqC 1.2	: 64 Universal LNB Control : Positioner Control
USALS	: Automatic Satellite Locator

SYSTEM RESOURCES

Processor	: 32 bit (150 MHz)
SDRAM	: 16 Mbyte
FLASH	: 2 Mbyte
EEPROM	: 32 Kbit

VIDEO SECTION

Decoding	: MPEG-2 & MPEG-1 Compatible
Compression Technique	: Main Profile, Main level
Format	: PAL, NTSC
Frame Rate	: 25 Hz, 30 Hz
Aspect Ratio	: 4:3, 16:9
Active Pixel	: 720 x 576, 720 x 480
Output Impedance	: 75 ohm
Composite Output Level	: 1Vp-p±0.1Vp-p (75 ohm load)
Component Output Level	Y : 1Vp-p±0.1Vp-p (75 ohm load) Pb : 0.52 Vp-p 0.05Vp-p (75 ohm load) Pr : 0.52 Vp-p 0.05Vp-p (75 ohm load)
Data Rate	: Up to 15 Mb/s
Bar Amplitude Error	: 6%
Field Time Distortion	: 3% Max.
Line Time Distortion	: 3% Max.
Short Time Distortion	: 5% Max.
Luminance Nonlinearity	: 5% Max.
Differential Gain	: 5% Max.
Differential Phase	: 5° Max.
S/N Unweighted	: 56 dB Min.
C/L Intermodulation	: 5% Max.
Chrominance Nonlinearity	: 5% Max.
C/L Delay	: 75 nsec Max.
Frequency Response	: 3 dB Max. (0.5-5.0 MHz)

AUDIO SECTION

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

CONNECTORS SECTION

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

MODULATOR SECTION

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

POWER SUPPLY

AC 90-250 V, 50-60 Hz, 25 W Max.

Power Consumption : 25 W Max. (Operating Mode)

PHYSICAL SPECIFICATIONS

Size (W x H x D)	: 260 x 58 x 240mm
Net Weight	: 1.9 Kg.

E. & O. E.

DISTRIBUTED BY:

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

www.strong-technologies.com

sales@strong-technologies.com