

Simple & Speedy



K N550H2

Premium Dual PVR (Digital + Analog)

- Dual PVR
- DVR
- Analogue Recorder

SPECIFICATION

Dual PVR	
Tuner	2 Decoding & Recording
Main Processor	MIPS (220 Mips)
Modulation	QPSK
SDRAM	32 Mbytes
DiSeqC Control	1.2 & USALS available
Flash Memory	4 Mbytes
Transport Stream	ISO/IEC 13818-1 MPEG-2
HDD Size	5.25inch of 80GB and More
Profile Level	MP@ML
PCMCIA	2 Slot of DVB-CI
AV Output	RF-C, 2 SCART, RCA, S-VHS
Serial IF	USB2.0, RS232C of D-SUB 9
Audio Out	SPDIF Available

Tuner & Channel

Satellite	
Input Connector	F-type, Connector, Female
Signal Level	-25 to -65 dBm
LNB Power & Polarization	Vertical: +13.5V Horizontal: +18V Current: Max. 500mA Overload Protection
22KHz Tone	Frequency: 22 ± 1KHz
DiSeqC Control	Amplitude: 0.6 ± 0.2V Version 1.2, USALS Available
Demodulation	QPSK
Input Symbol Rate	2-45 Ms/s Convolution Code Rate 1/2, 2/3, 3/4, 5/6, 7/8 and Auto

Terrestrial	
Guard Interval Modes	1/32, 1/16, 1/8, 1/4 Active symbol duration
FEC Modes Rate	1/2, 2/3, 3/4, 5/6, 7/8
IEC Connector Female	IEC Connector Female
Frequency Range	Europe (UHF:470~860MHz) (VHF:170~230MHz) Australia(UHF:520~820MHz) (VHF:170~230MHz)
Demodulation	COFDM 2K/8K-Carrier
Channel Bandwidth	8MHz(for Europe), 7MHz(for Australia)

Cable	
FEC Modes Rate	1/2, 2/3, 3/4, 5/6, 7/8
Input Connector	IEC 169-2, Female
Frequency Range	50~860MHz
Demodulation	QAM
Constellation	16QAM, 32QAM, 64QAM, 128QAM, 256QAM
Spectral inversion	normal, invert

Conditional Access System

PCMCIA	2 Slot of DVB-CI
Smart Card	2 Smart card Reader for Embedded CAS like Conax/CAS-5, Cryptworks, and Nagravision etc

Physical Specification

Size (W x H x D)	340 x 60 x 265(mm)
Net Weight	3.5Kg
Operation Temperature	0°C ~ 50°C
Storage Temperature	-20°C ~ 60°C

MPEG TS A/V Decoding

Transport Stream	MPEG-2 ISO/IEC 13818
Profile Level	2 of MPEG-2MP@ML (PIP)
Input Rate	Max. 81 Mbit/s
Aspect Ratio	4:3, 16:9, Letter Box
Video Resolution	720 x 576(PAL) / 720 x 480(NTSC)
Audio Decoding	MPEG/Musicam Layer 1, 2 & 3
Audio Mode	Mono / Left / Right / Stereo
Sampling Rate	32, 44, 1 and 48KHz

A/V & Data Input/Output

TV-Scart	Video CVBS/S-VIDEO/RGB output Audio L/R output
VCR-Scart	Video CVBS output Audio L/R output Video CVBS/S-VIDEO/RGB input bypass Audio L/R input bypass
S-VIDEO	Video S-VIDEO output
RCA A/V	Video CVBS output Audio L/R output
S/PDIF	Digital Audio or Dolby AC-3 Bitstream Output
RS-232C	Transfer rate 115.2Kbps 9 pin D-sub Type
USB	USB 2.0

RF-Modulator

PLL type	CH21 ~ 69 for the Demodulation
TV Standard	PAL BG//DK selectable
RF Connector	75 Ohms, 169-2, Male/Female
Frequency Range	UHF : 470 ~ 860 MHz

System Resources

Main Processor	220 Mips core
Flash Memory	4 MBytes (Optional Expand)
Program DRAM	32 MBytes (Optional Expand)
EEPROM	512KBytes

Power Supply

Input Voltage	AC 90 to 250V, 50/60Hz
Power Consumption	Max. 70W
Type	SMPS

All in One

- Dual PVR with Simultaneous 6CH Recording
- DVR [Digital Video Recorder]
- Analogue Video Recorder



