



CT - 550 PVR

Linux Enigma



Eigenschaften

- 4 stellige LED Anzeige (Kanalnummer, Zeit und diverse Abläufe)
- DVB Standard kompatibel
- Linux open source ; Standard Linux API
- Verschiedene Linux Applikationen
- 252MHz IBM PowerPC Processor (350MIPS)
- Speicher : 72MB RAM + 16MB Flash ROM
- USB 2.0 port für z.B. USB Festplatte...(Aufnahme, Wiedergabe)
- 10/100M Ethernet Anschluss
- SCART Anschluss: 1x TV und 1x VCR
- Kartenleser
- Modem

- S/P DIF Audio optischer digital Ausgang
- Firmware /Software Upgrade: über Serial (RS232), Ethernet & Internet
- Unlimitierte Kanalliste für TV/Radio
- Kanalwechsel in weniger als einer Sekunde
- Automatischer Suchlauf
- EPG-Unterstützung (electronic program guide)
- OSD, VBI Teletext & Subtitle Supported
- Bildformat 4:3 / 16:9
- Mehrsprachiges Menü
- Programmierbarer Event Timer
- Kindersicherung
- A/V Ausgang (Audio/Video Cinch)

Technische Daten

Tuner

- Eingangsfrequenzbereich 950 ~ 2150 MHz
- Eingangsimpedanz 75 Ohm
- Eingangsbereich - 65 dBm ~ - 25 dBm
- LNB Strom max. 400mA ; kurzschlussfest ,LNB Spannung 13V/18V
- 22kHz Umschaltung, DiSEqC 1.2
- I/Q LPF 10 MHz ~ 30MHz, (2 MHz Schritte)
- Demodulation QPSK
- Symbol Rate 2 ~ 45 Msps
- Link IC STV0299B
- Viterbi Decoding Rate 1/2, 2/3, 3/4, 4/5, 5/6, 7/8, Automatic or Manual rate
- Reed Solomon Decoding FEC, block length(204 byte)

Demultiplexer

- Video MPEG-II ISO/IEC 13818-1/MPEG-2 u. MPEG-1 kompatibel
- Audio MPEG-1&MPEG-2 Layer ISO/IEC 13818-3 /32K/44.1K/48K/16K/22.05K/24K Hz

Video Dekoder

- Video Decoding ISO/IEC 13818-2 MP@ML
- Bildformat 4:3 u. 16:9
- Videoauflösung max. 720x576 PAL

Video/Audio Ausgänge

- Videoausgang Impedanz 75 Ohm
- Videoausgang Pegel 1 Vpp
- Audioausgang Impedanz 600 Ohm unsymmetrisch
- Audioausgang Pegel 3.0Vpp mit Lautstärkeregelung
- Digital Audioausgang Pegel 0.5 Vpp

Prozessor / Speicher

- Prozessor Typ Vulcan (IBM) PowerPC 252 MHz / 350 MIPS
- Flash ROM 2 x 8 MByte (16MByte)
- SDRAM 2 x 32 MByte, 1 x 8 MByte (72MB)

Clarke-tech Sat-Receiver mit Linux OS (Enigma1)

Vorderseite

- 4 stellige LED Anzeige
- 5 Bedientasten : EIN/Standby, Kanal +/- , Lautstärke +/-
- IR Sensor 38KHz
- 1 x Smart Card slots
- USB 2.0: 1 x USB port

Rückseite

- SAT Tuner . 1x Eingang und 1x Loop Through Ausgang
- Audio Ausgang : 2x Cinch (L/R)
- Video Ausgang : 1x Cinch
- Digital Audio: 1 S/PDIF (Optical)
- S-Video: 1 S-Video
- Scart: 1xTV und 1xVideo
- RS232 Schnittstelle D-SUB 9 / ~ 115200bps
- Hauptschalter EIN/AUS

Rückseite (Schnittstellen)

- RS232 Schnittstelle D-SUB 9 / ~ 115200bps
- RJ45/ Ethernet/ ~100Mbps
- Modem port (Anschluss wird nicht unterstützt)

Fernbedienung

- Infrarot (Freq. 38kHz)
- Batterie : 2 x 1.5V AAA
- Tasten : MUTE, POWER, 0-9, TV, RADIO, TEXT, EPG, MENU, EXIT, CHANNEL, VOL(left/right), OK, VOLUME +/-, BOUQUET +/-, INFO, TV/SAT, AUDIO, Taste ROT-GRÜN-GELB-BLAU INDEX MARK, SEEK FF, SEEK RW, PRE, PVR, NEXT

Netzteil

- Typ : Schaltnetzteil
- Eingangsspannung AC 100~240V 50/60Hz
- Sicherung 250V/2T

Allgemein

- Abmessungen (BxTxH) 270x200x60 mm
- Gewicht ~ 1.4 Kg
- Betriebstemperatur -10°C bis +65°C



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CT - 550 PVR



Features

- 4 Digits LED Display Channel/ Time/ Process Display
- Fully MPEG-2 & DVB Compliant
- Linux open source ; Standard Linux API
- Getting Linux Applications
- 252MHz IBM PowerPC Processor (350MIPS)
- Memories : 72MB RAM + 16MB Flash ROM
- USB 2.0 for Mass Storage Device (for example HDD and more...)
- 10/100M Ethernet interface
- SCART: 1x TV and 1x VCR
- 1x Smartcard Slot
- Modem

- S/PDIF Interface; Optical Type
- Firmware /Software Upgrade: by Serial (RS232), Ethernet & Internet
- Unlimited TV/ Radio Channel Storage
- Very Quick Channel Change Time:
- Full Automatic Service Scan
- Smart Electronic Program Guide (EPG)
- OSD, VBI Teletext & Subtitle Supported
- Variable Aspect Ratio (4:3, 16:9, Letter Box)
- Multi-Language Menu
- Programmable Event Timer
- Parental Control
- A/V Output Audio 2x RCA Cinch, Video 1x RCA Cinch, 1x S-Video

SPECIFICATION

Tuner

- Tuner Receiving Freq./ Loop through output 950 ~ 2150MHz / 950 ~ 2150MHz
- Input Impedance 75 ohms
- Input Signal Level Min. -65dbm ~ Max. -25dbm
- LNB Polarization Switching Voltage 13/18Vdc*Max 400mA, Short Circuit Protection
- Band Switching 22Khz Tone , DiSEQC 1.2
- I/Q LPF 10 MHz ~ 30MHz, (2 MHz Steps)
- Demodulation QPSK
- Symbol Rate 2 ~ 45 Msps
- Link IC STV0299B
- Viterbi Decoding Rate 1/2, 2/3, 3/4, 4/5, 5/6, 7/ 8, Automatic or Manual rate
- Reed Solomon Decoding FEC, block length(204 byte)

Demultiplexer

- Video MPEG-II ISO/IEC 13818-1/MPEG-2 u. MPEG-1 compatible
- Audio MPEG-1&MPEG-2 Layer ISO/IEC 13818-3 /32K/44.1K/48K/16K/22.05K/24K Hz

Video Dekoding

- Video Decoding ISO/IEC 13818-2 MP@ML
- Aspect Ratio 4:3, 16:9
- Video Resolution Max.720 x576 PAL

Video/Audio Output

- Video Output Impedance 75 ohms
- Video Output Level 1 Vpp
- Audio Output Impedance 600 ohms Unbalanced
- Audio Output Level 3.0Vpp with Volume Control
- Digital Audio Output Level 0.5 Vpp

Processor / Memories

- Processor Type Vulcan (IBM) PowerPC 252 MHz / 350 MIPS
- Flash ROM 2 x 8 MByte (16MByte)
- SDRAM 2 x 32 MByte, 1 x 8 MByte (72MB)

Clarke-tech satellite receiver with Linux OS (Enigma1) embedded

Front Panel

- 4 Digits LED Display Channel/ Time/ Process Display
- 5 Buttons Power, CH+, CH-, VOL+, VOL-
- IR Sensor 38KHz
- 1 x Smart Card slots
- USB 2.0: 1 x USB port

Rear Panel

- SAT Tuner . 1x Input und 1x Loop Through Output
- Audio Output : 2x RCA Cinch (L/R)
- Video Output : 1x RCA Cinch
- Digital Audio: 1 S/PDIF (Optical)
- S-Video: 1 S-Video
- Scart: 1xTV and 1xVCR
- RS232 Serial Port: 9 Pin D_SUB Female
- Main Power Switch ON/ OFF

Rear Panel (Interface)

- Connector/ Protocol/ Bit Rate D_Sub9P/ RS232 Asyn c./ ~115200bps
- RJ45/ Ethernet/ ~100Mbps
- Modem port (not supported)

Remote Control

- Type IR (Carrier Freq. 38KHz)
- Battery : 2 x 1.5V AAA
- Button : MUTE, POWER, 0-9, TV, RADIO, TEXT, EPG, MENU, EXIT, CHANNEL, VOL(left/right), OK, VOLUME +/-, BOUQUET +/-, INFO, TV/SAT, AUDIO, Button RED-GREEN-YELLOW-BLUE INDEX MARK, SEEK FF, SEEK RW, PRE, PVR, NEXT

Power Supply

- Type SMPS
- Input Voltage AC 100 ~ 240V 50/60HZ
- Fuse Rating 250V/2T

General Data

- Dimension (W x D x H) 270x200x60 mm
- Weight About ~ 1.4 Kg
- Operation Temperature-10°C bis +65°C



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