

X-5100 FTA LINUX COMPACT



TECHNICAL SPECIFICATIONS :

250 MHz PowerPC Processor (350 Mips)
Linux Operating System
1 x Smartcard-Reader
MPEG2 Hardware decoding
Common available NIMs (DVB-S)
Tuner modules, Plug&Play
V. 24/RS232 Interface
10/100Mbit compatible Ethernet Interface
32 MByte Flash, 96 MByte Ram total
integrated IDE UDMA66 Interface
unlimited channel lists for TV/Radio
channel-change time < 1 second
full automatic service scan
supports directly bouquet-lists
supports EPG (electronic program guide)
supports own videotext
supports multiple LNB-Switching control (DiSEqC)
fully adaptable OSD in many languages and skin-support
S/PDIF Interface for digital bit stream out (AC-3)
1 x Scart-interfaces
S-Video connector
analoge modem

INPAX-5100 FTA Compact technical data

DBS-Tuner:

Frequency Range 950...2150 MHz
Signal Level - 65 dBm...- 25 dBm
Signal-to-Noise Level 12 dB max.
DBS-Tuner Input Connector F-Type female
Input Impedance 75 Ohm
AFC +/- 3 MHz
Demodulation Shaped QPSK
FEC Viterbi and Reed-Solomon
Viterbirate 1/2, 2/3, 3/4, 5/6, 7/8, automatic assimilation
Roll-off Factor 35 %
Demultiplexing according ISO 13818-1

Video decoder:

Video Compression MPEG-2 and MPEG-1 compatible
Video Standard PAL G/ 25 Hz
Video Formats 4: 3 / 16: 9
Footage 16: 9, automatic assimilation for 16: 9 TV-Device (over Scart)
Letterbox precolating for 4: 3 TV-Device

Audio decoder:

Audiokompression MPEG-1 & MPEG-2 Layer I and II
Audio Mode Dual (main/sub), Stereo
Frequency: 32 kHz, 44. 1 kHz, 48 kHz, 16 kHz, 22. 05 kHz, 24 kHz
Output analog:
Output Level L/R 0, 5 Vss on 600 Ohm
THD > 60 dB (1 kHz)
Crosstalk < -65 dB
Output digital:
Output Level 0, 5 Vss on 75 Ohm
Sampled Data Filtering 32 kHz, 44. 1 kHz, 48 kHz
S/PDIF-Output optical (AC3)

Video parameter:

Input Level FBAS 1 Vss +/- 0. 3 dB on 75 Ohm
Teletext filter in conformity with ETS 300 472 Standard

TV-Scart:

Output: FBAS, RGB, S-Video
Serielle Interface RS 232:
Typ RS232 bidirectional
Bitrate 115, 2 kBit/s max.
Plug Connector SUB-D-9
Function: Update of Firmware

Ethernet:

10/100 MBit compatible interface
Function: Update of Firmware, Connect to PC

UDMA66 IDE Interface:

Intern for connect 2, 5" HDD

LNB Power and polarisation:

LNB Current 500mA max.; Short-circuit-proof
LNB Voltage vertical < 14V without load, > 11, 5V at 400mA
LNB Voltage horizontal < 20V without load, > 17, 3V at 400mA
LNB shut-off at Standby-Mode

Count of active satellite position:

DiSEqC 1. 0/1. 2 SAT POSITION / SAT OPTION

DiSEqC - Rotor Control

Power consumption:

< 15W / 12V

Input voltage:

DC12V, alternating acurrent +/- 15%

Extern power supply:

Input: 110-240V AC / 50-60Hz / 0, 6A

Output: 12V = / 2, 5A

Physical specification:

Ambient Temperature +15C...+35C

Humidity < 80%

Size (W x D x H): 195 mm x 130 mm x 40 mm