

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
Input Symbol rate 2 ・ 45 Mbaud/s, SCPC / MCPC
FEC Viterbi and Reed-Solomon
Viterbi rate 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-VHS over OSD selectable

Serial Interface RS 232:

Type RS232 bidirectional
Bitrate 115,2 kBit/s max.
Plug Connector SUB-D-9
Function Update of Firmware and Preprogramming

Ethernet:

100 MBit compatible, bi-directional interface
Function Update of Firmware and Preprogramming

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:

< 10W / 12V

Input voltage:

DC12V, alternating acurrent +/- 15%

Extern power supply:

Input:
110-240V AC / 50-60Hz / 0,6A
Output:
12V = / 1A

Physical specification:

Ambient Temperature +15・...+35・
Humidity < 80%
Size (W x D x H): 195 mm x 130 mm x 40 mm
Weight: 0,6 kg