

Technical Specification

TT-micro[®] S302 HDMI

Digital receiver for DVB-S



Based on TT-micro[®] family

BASICS

- DVB satellite receiver compliant to EN 300 421
- Embedded Nagravision CAS
- HDMI output
- Audio and Video out via SCART
- Digital Audio out via optical S/PDIF
- Analogue Audio out (left/right) via RCA (Cinch)
- Reed-Solomon decoding support (EN 300 421)
- Automatic FEC selection: 1/2, 2/3, 3/4, 5/6, 7/8
- Common Interface behind lid
- Smartcard reader behind lid
- Update via the DVB satellite network option
- MacroVision 7.01 copy protection
- HDCP copy protection
- Single Cable Interface

FRONT PANEL



RF SPECIFICATION

- QPSK demodulation compliant to DVB satellite standard EN 300 421
- Frequency range: 950...2150 MHz
- Symbol rate: 1... 45 Msymbols/s (SCPC & MCPC)
- Input RF level -25... -65 dBm
- Input connector: IEC F-type female
- Input termination: 75 Ω

BACK PANEL



STB MODE FUNCTIONALITY

- DVB satellite TV and Radio reception
- Pay- and Free-TV support
- Applicable for Sky
- Excellent Easy-To-Use graphical user interface
- Context referred help function
- Automatic and manual channel scan
- Separated program list for TV and Radio
- Up to 4 different favourite lists
- Up to 4000 programs storable
- Electronic Program Guide: present/following EPG, 7-Day-EPG plus additional Grid-EPG
- Aspect ratio: 4:3, 16:9, 2.21:1 (PAL only)
- One-Touch Timer setting in EPG
- Simultaneous display of HDMI and on SCART

REMOTE CONTROL



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Version May 2009

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Digital receiver for DVB-S



- Multi language support: German, English, Turkish, Russian, Italian, French, Spanish, Portuguese
- Integrated Tele text browser and Tele text re-insertion (VBI)
- DVB and EBU subtitling support (ETS 300 743)

STANDARD + REGULATION COMPLIANCE

- DVB satellite standard EN 300 421
- MPEG2 Transport Stream support to ISO/IEC 13818-1
- DVB-Video/-Audio support to ISO/IEC 13818-2, -3
- Tele text in VBI according to ETS 300 472
- Single Cable Interface according to EN 50494:2007
- Safety and EMC regulations: EN 55013, EN 55020 and EN 60065

INPUT / OUTPUT SPECIFICATION

- RF In:
 - Input connector: IEC F-type female (75 Ω)
- HDMI Digital Video out
- 2x SCART (VCR & TV) out accordingly to EN 50049-1:
 - TV SCART out: CVBS, Y/C, RGB, Audio
 - VCR SCART out: CVBS, Y/C, Audio
 - VCR SCART in (pass to TV SCART): CVBS, Y/C, Audio
- Switching signal: at PIN8 0/6/12 V; at PIN16 0/1-3 V
- RCA (Cinch) out:
 - Analogue Audio out (left/right) via RCA (Cinch)
- Digital Audio (PCM stereo, AC3) out via optical S/PDIF
- 1x Common Interface
- 1x Smartcard reader
- LNB control
 - Band selection: 22 KHz
 - Polarity selection: 14/18 V
 - Tone burst mode
 - DiSEqC 1.0
 - LNB current support maximal 400 mA

POWER SUPPLY

- Power supply 230VAC/50Hz to 12VDC
- Operation power consumption less 20 W

ACCESSORIES

- Receiver (ca. 251 x 165 x 36 [mm])
- Power Supply Unit
- HDMI Cable
- Remote Control inclusive battery
- Instruction manual: A5 format black/white

Geeignet für



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