

Technical Specification

TT ScartTV[®] S106

Digital receiver for DVB-S



Based on TT ScartTV[®] family

BASICS

- DVB satellite receiver accordingly to EN 300 421
- Embedded Cryptoworks CAS
- German version: arena and easy.TV digital Pay-TV program bouquet support
- Austria version: easy.TV and ORF digital Pay-TV program bouquet support
- Modern Graphical User Interface
- Fast channel search
- Video and Audio out via SCART
- Digital Audio out via optical S/PDIF
- Reed-Solomon decoding support (EN 300 421)
- Automatic FEC selection (1/2, 2/3, 3/4, 5/6, 7/8)
- MPEG2 Transport Stream support: ISO/IEC 13818-1
- DVB-Video/-Audio support: ISO/IEC 13818-2, -3
- Update-Over-Air via DVB satellite network ability (TS 102 006)

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... -75 dBm
- Input connector: IEC F-type female
- Input termination: 75 Ω
- Input return loss: min. 8 dB (75 Ω)

STANDARD + REGULATION COMPLIANCE

- DVB satellite standard EN 300 429
- 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
- Safety and EMC regulations: EN 55013, EN 55020 and EN 60065

FRONT PANEL

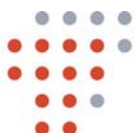


BACK PANEL



POWER SUPPLY

- Power supply 230VAC/50Hz to 12VDC/1.5A
- Operation power consumption less 10 W



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STB MODE FUNCTIONALITY

- DVB satellite receiver for TV and Radio reception
- Multi language support, e.g. German, English, Turkish, Italian, French, Spanish and other
- Up to 4 different favourite lists
- Integrated Tele text browser
- Tele text re-insertion (VBI)
- DVB and EBU subtitling support
- One-Touch Timer setting in EPG
- Up to 4000 programs storable
- Excellent Easy-To-Use graphical user interface
- Electronic Program Guide: schedule EPG and present/following EPG
- Context referred help function
- Automatic and manual channel scan
- Aspect ratio: 4:3, 16:9, 2.21:1 (PAL only)
- Context referred help function

INPUT / OUTPUT SPECIFICATION

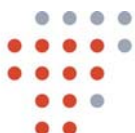
- LNB control
 - Band selection: 22KHz
 - Polarity selection: 14/18V
 - Tone burst mode
 - DiSEqC 1.0
 - LNB current support maximal 400 mA
- 1x SCART out (TV) accordingly to EN 50049-1:
 - CVBS, Y/C, RGB, Audio
 - Switching signal: at PIN8 0/6/12 V; at PIN16 0/1-3 V
- Digital Audio (PCM stereo, AC3) out via optical S/PDIF
- 1x Smartcard Reader
- RS232 serial software update for Service Point over IR sensor socket adapter

LOGOS



ACCESSORIES

- Receiver (ca. 110 x 70 x 25 [mm])
- Power Supply Unit
- External infrared receiver eye with cable
- SCART Cable extension
- Remote Control inclusive battery
- Instruction manual: A5 format black/white



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