

Technical Specification

TT ScartTV[®] S100

Digital receiver for DVB-S



Based on TT ScartTV[®] family

BASICS

- DVB satellite receiver accordingly to EN 300 421
- Video and Audio out via SCART
- Digital Audio out via optical S/PDIF
- MPEG2 Transport Stream support: ISO/IEC 13818-1
- DVB-Video/-Audio support: ISO/IEC 13818-2, -3
- Reed-Solomon decoding support (EN 300 421)
- Automatic FEC selection (1/2, 2/3, 3/4, 5/6, 7/8)
- Update over the DVB satellite network
- DVB-Subtitling
- Tele text Browser

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
- Input return loss: min. 8 dB (75 Ω)

BACK PANEL



LNB CONTROL

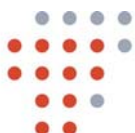
- Band selection: 22 KHz
- Polarity selection: 14/18 V
- Tone burst mode
- DiSEqC 1.0
- LNB current support maximal 270 mA

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

INPUT / OUTPUT SPECIFICATION

- RF In:
 - Input connector: IEC F-type female (75 Ω)
- 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



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STB MODE FUNCTIONALITY

- Free-TV support
- DVB satellite TV and Radio reception
- Multi language support
- Easy-to-use graphical user interface based on widgets
- Context referred help function
- Automatic and manual channel scan
- Separated program list for TV and Radio
- Up to 4 different favourite lists
- Up to 2000 programs storable
- Electronic Program Guide: present/following EPG plus additional 7-Day-EPG
- Aspect ratio: 4:3, 16:9, 2.21:1 (PAL only)
- Wide Screen Signalling (WSS)
- Tele text re-insertion (VBI)
- Easy-to-use Timer functionality

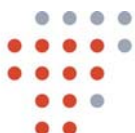
POWER SUPPLY

- Power supply 230VAC/50Hz to 12VDC
- Operation power consumption less 18 W

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

AWARDS



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