

Technical Specification

TT-select[®] C854

Digital receiver for DVB-C



Based on TT-select[®] family

BASICS

- Pay- and Free-TV HDTV cable receiver compliant to EN 300 429
- MPEG-2 and MPEG-4 AVC/H.264 video decoding
- Embedded Nagravision CAS
- HDMI Digital Video Output with HDCP Copy Protection
- Component Video Out - YPbPr
- Smartcard slot & 4 Keys behind lid
- Video and Audio out via SCART
- Analogue Audio out (left/right) via RCA (Cinch)
- MPEG2 Transport Stream support: ISO/IEC 13818-1
- Video Decoding:
 - ISO/IEC 13818-2 (MPEG-2 Video) - MP@ML & MP@HL
 - ISO/IEC 14496-10 (MPEG-4/Part 10) - HP@4L
 - High Definition and Standard Definition: 1080i50, 720p50, 576i25
- Audio Decoding:
 - ISO/IEC 13818-3 (MPEG-1/2, Layer 1, 2 & 3)
 - Dolby AC-3 pass-through and down mix
- Software Update over DVB cable network ability

FRONT PANEL



RF SPECIFICATION

- Dual Tuner / Demodulator stage
- Frequency range: 47...862 MHz (VHF/UHF), 8 MHz bandwidth
- QAM 16/32/64/128/256 demodulation support (EN 300 429)
- Symbol rate: 1.7...7 Msymbols/s
- Input / Output connector: IEC 60169-2 female/male
- Input/Loop-Through Output termination: 75 Ω
- Return Loss: min. 6 dB (75 Ω)

STANDARD + REGULATION COMPLIANCE

- DVB cable standard EN 300 429
- MPEG-2 Transport Stream support to ISO/IEC 13818-1
- MPEG-2 Video/Audio support to ISO/IEC 13818-2, -3
- MPEG-4 Video (AVC) support to ISO/IEC 14496-10,
- Tele text in VBI according to EN 300 472
- DVB subtitling according EN 300 743
- Safety and EMC regulations: EN 55013, EN 55020 and EN 60065

POWER SUPPLY

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

ACCESSORIES

- Receiver (ca. 320 x 180 x 60 [mm])
- Power Supply
- SCART cable
- HDMI cable
- Coaxial cable
- Remote Control inclusive Batteries
- Manual: A5, black/white



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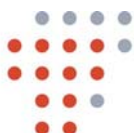


STB MODE FUNCTIONALITY

- DVB cable receiver for TV and Radio reception
- Reception of High Definition and Standard Definition (HDTV and SDTV) TV programs
- Simultaneous display of HD content on HDMI with HD resolution and on SCART with SD resolution
- Excellent Easy-To-Use graphical user interface
- Multi language support, e.g. German, English, Turkish, Russian, Italian, French, Spanish, Portuguese, Greek
- Integrated Tele text browser
- Tele text re-insertion (VBI)
- DVB and EBU subtitling support (ETS 300 743)
- One-Touch Timer setting in EPG
- Up to 4000 programs storable
- Electronic Program Guide: 7-day tab/grid schedule EPG & present/following info banner
- Automatic and manual channel scan
- Context referred help function

INPUT / OUTPUT SPECIFICATION

- RF In/Out:
 - Input connector: IEC 60169-2 female (75 Ω)
 - Loop-Through connector: IEC 60169-2 male (75 Ω)
- HDMI/HDCP 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 PIN80/6/12 V; at PIN16 0/1-3 V
- RCA (Cinch) out:
 - Analogue Audio out (left/right) via RCA (Cinch)
 - Component Video out (Y, Pb, Pr)
- Digital Audio (PCM stereo, AC3) out via optical S/PDIF
- Ethernet RJ45 connector



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