

# Technical Specification

# TT-micro<sup>®</sup> C320 HDMI

Digital receiver for DVB-C



Based on TT-micro<sup>®</sup> family

## BASICS

- DVB cable receiver compliant to EN 300 429
- 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)
- Common Interface
- Update over the DVB cable network option

## FRONT PANEL



## RF SPECIFICATION

- QAM 16/32/64/128/256 demodulation support (EN 300 429)
- Frequency range: 47...862 MHz
- Symbol rate: 1.7...7 MSymbols/s
- Input connector: IEC 60169-2 type female
- Input termination: 75  $\Omega$
- Loop-Through connector: IEC 60169-2 male
- Loop-Through output termination: 75  $\Omega$

## BACK PANEL



## STB MODE FUNCTIONALITY

- DVB cable TV and Radio reception
- Multi language support
- 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 plus additional 7Day-EPG
- Aspect ratio: 4:3, 16:9, 2.21:1 (PAL only)
- Wide Screen Signalling (WSS)
- One-Touch Timer setting in EPG
- Simultaneous display of HDMI and on SCART
- Multi language support e.g. German, English, Turkish, Russian, Italian, French, Spanish, Portuguese, Greek
- Integrated Tele text browser or Tele text reinsertion (VBI)
- DVB and EBU subtitling support (ETS 300 743)

## REMOTE CONTROL



**TechnoTrend Görler GmbH, Bahnhofstrasse 108, D-83224 Grassau, Germany**  
**Phone: +49 (0) 89 255515-221, Fax: +49 (0) 89 255515-229, [www.ttgoerler.com](http://www.ttgoerler.com)**

All rights reserved. Subject to changes in technology, design and availability. The product names mentioned in this document are trademarks or registered trademarks of their respective owners.

Version May 2009

## Technical Specification

# TT-micro<sup>®</sup> C320 HDMI

Digital receiver for DVB-C



### STANDARD + REGULATION COMPLIANCE

- DVB cable 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

### POWER SUPPLY

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

### LOGOS



### INPUT / OUTPUT SPECIFICATION

- RF In:
  - Connector: IEC 60169-2 female
  - Termination 75  $\Omega$
- RF Out:
  - Connector: IEC 60169-2 male
  - Termination 75  $\Omega$
- 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 PIN80/6/12 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

### ACCESSORIES

- Receiver (ca. 251 x 157 x 30 [mm])
- Power Supply Unit
- SCART Cable
- Remote Control inclusive battery
- Instruction manual: A5 format black/white

### AWARDS



TechnoTrend Görler GmbH, Bahnhofstrasse 108, D-83224 Grassau, Germany  
Phone: +49 (0) 89 255515-221, Fax: +49 (0) 89 255515-229, [www.ttgoerler.com](http://www.ttgoerler.com)

All rights reserved. Subject to changes in technology, design and availability. The product names mentioned in this document are trademarks or registered trademarks of their respective owners.

Version May 2009