



16:9

MPEG4

PVR  
- ready

HDTV



Aerials | Dishes | Set top boxes | Headends | Fibre optical | Multi switches | Amplifiers | Outlets | Home accessories | Fibre cabinets | Enclosures

# Triax set top boxes

- if you have focus on technology,  
functionality and design

Based on the latest technology and newest chipsets,  
TRIAX has made various platforms available with  
various input technology (DVB-C, DVB-T, DVB-S2, IP)  
and widely used CA technologies.



TRIAX - your ultimate connection

# 20 years of experience in manufacturing and distribution of satellite dishes and set top boxes

## Products

We believe in good product design and we co-operate with innovative and respected industrial designers such as Design-People.

Also we realise the value of good and intuitive Graphic User Interface for easing the daily use of very technical complex products.

Our state-of-the art GUI is an important feature of for example TRIAX T-HD409VA and TRIAX C-HD415CX.

Extremely low power consumption is a demand nowadays - but to show our commitment to a cleaner environment we have even reached half of the demanded consumption values.



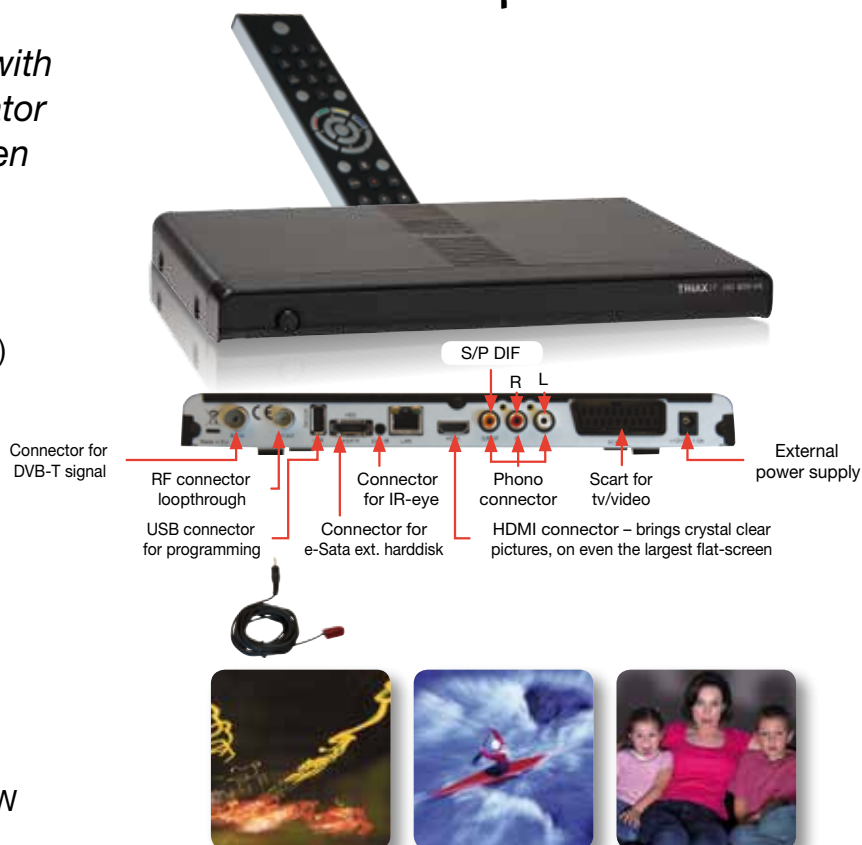
## Example of a set-top box for DVB-T

### Triax T-HD 409 VA DVB-T MPEG-4 set top box

*DVB-T MPEG-4; H.264 PVR receiver with embedded Viaccess and Boxer navigator approved by BOXER for DTT in Sweden and Denmark.*

## Features

- Twin tuners
- PVR functionalities via external HDD (eSATA)
- Boxer navigator
- Connection for external IR eye
- Slimline and elegant Scandinavian design
- Stylish and user-friendly remote control unit
- Very user-friendly graphic user interface
- USB support for easy programming
- HDMI output, perfect for flat screen TV
- 7 days EPG function
- SCART and audio outputs
- Supports both 12V and 230 V
- Fast text tv function
- Timer function
- Very low stand-by power consumption: 0.5 W
- Power consumption: 10 W





## Example of a set top box for DVB-C Triax C-HD 417 CX DVB-C MPEG-4 set top box



*DVB-C MPEG-4 receiver with embedded Conax and Dolby digital sound system*

### Features

- DVB-C receiver, MPEG-4 HD, H.264
- Slimline and Scandinavian design
- Very user-friendly graphic user interface (On screen display)
- Very user-friendly 7 days EPG function
- HDMI output, perfect for flat screen TV
- USB support for easy programming and PVR support
- SCART and audio outputs
- Fast video text function
- Timer function
- Supports both 12V and 230 V
- Very low standby power consumption: 0.5 W
- Power consumption: 10 W
- Stylish and user-friendly remote control unit

## Manufacturing & logistics

TRIAX has own manufacturing plants of different electronic and electromechanical products in Denmark, UK and China, but we also work with different professional independent EMS's. Through this set-up we can maximise the overall logistics performance, depending on the volume of production and the flexibility needed for different projects.

TRIAX is offering a complete and well functioning distribution network all over Europe and Middle East. Using own employees we offer the total



handling such as in-house pre- and after-sales support, in-house and external sales rep's and the total logistics in connection with goods being shipped in small and big volume to a high number of local re-sellers.



# References

Not only based on our set top boxes, but also through 20 years of manufacturing of satellite dishes, we have been partners to important operators for many years.

We understand and respect what is important to operators, and try to optimise synergies. Through this set-up operators can focus on their strength and let Triax handle all the product-related issues... not only developing and manufacturing the set top boxes, but we also make sure that the



products and accessories are widely available, and professionally supported.

## Technical specifications

### Triax T-HD 409 VA DVB-T MPEG-4 set top box



Type Art No.	Triax T-HD 405 VA 305049
<b>Tuner &amp; channel</b>	Input connector: IEC - 169 - 2; female Input frequency range: 174-230 MHz/470-862 MHz Input impedance: 75 Ω Demodulation: COFDM 2k and 8k
<b>MPEG transport stream A/V decoding</b>	Transport stream: MPEG-2 ISO / IEC 13818 Profile level: MPEG-2 MP@HL, MPEG-4/H.264 MP and HP level 4.1 Input rate: Max. 100 Mbit/s Aspect ratio: 4:3 / 16:9 Audio decoding: MPEG Layer I & II, Optional Dolby Digital, DTS or AAC Sampling rate: 32, 44.1, and 48 kHz
<b>A/V data in/out</b>	Audio connectors: L/R analog, coax SPDIF Video connectors: HDMI, SCART HDMI connector v. 1.2 Resolution: 576i, 576p, 720p, 1080i
<b>Processor and memory</b>	Flash memory: 4 Mbyte DDR memory: 96 Mbyte
<b>Power supply</b>	Input voltage: 230 VAC ± 15% / 12 VDC Power consumption: Max. 10 W Type: External SMPS Standby consumption: Max. 0,5 W

## Technical specifications

### Triax C-HD 417 CX DVB-C MPEG-4 set top box



Type Art No.	Triax C-HD 417 CX 305042
<b>Tuner &amp; channel</b>	Input connector: IEC - 169 - 2; Female Input frequency range: 47 to 862 MHz Input impedance: 75 Ω unbalanced Demodulation: QAM 16 / 32 / 64 / 128 / 256 Symbol rate: 1 - 7.2 Msym/s
<b>MPEG transport stream A/V decoding</b>	Transport stream: MPEG-2 ISO / IEC 13818 Profile level: MPEG-2 MP@HL, H.264 MP and HP level 4.1 Input rate: Max. 100 Mbit/s Aspect ratio: 4:3 / 16:9 Audio decoding: MPEG layer I & II, Dolby digital Sampling rate: 32, 44.1, and 48 kHz
<b>A/V data in/out</b>	Audio connectors: L/R analog, coax SPDIF Video connectors: HDMI, SCART HDMI resolution: 576i, 576p, 720p, 1080i
<b>Processor and memory</b>	Flash memory: 4 Mbyte DDR memory: 96 Mbyte
<b>Power supply</b>	Input voltage: 230 VAC ± 15% / 12 VDC Power consumption: Max. 10 W Type: External SMPS Standby consumption: Max. 0,5 W

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AB.110.2.02 • Produced in 2010

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