



## HDTV 40 Plus - 100 Hz

40 inch multimedia television set (Full-HD) with high-quality aluminium front frame and contrast pane comes equipped with Dual HDTV multi-tuner and digital video recorder (integrated hard drive)

| EAN           | Colour          | Item no.  | Weight (Box) | Weight | Unit without stand (W x H x D) | Device (W x H x D)   | Box              |
|---------------|-----------------|-----------|--------------|--------|--------------------------------|----------------------|------------------|
| 4019588640009 | silver anodised | 5640/0500 | 40 kg        | 36 kg  | 1.005 x 715 x 110 mm           | 100,5 x 78,5 x 20 cm | 122 x 89 x 32 cm |
| 4019588640160 | black anodised  | 5640/0516 | 40 kg        | 36 kg  | 1.005 x 715 x 110 mm           | 100,5 x 78,5 x 20 cm | 122 x 89 x 32 cm |
| 4019588640054 | platin anodised | 5640/0505 | 40 kg        | 36 kg  | 1.005 x 715 x 110 mm           | 100,5 x 78,5 x 20 cm | 122 x 89 x 32 cm |

### TOP FEATURES

Front aus eloxiertem Aluminium und Kontrastscheibe

2-Wege-Lautsprecher im Bassreflexgehäuse

Integrierte 250-GB-Festplatte/Timeshift

2xCI-Schnittstelle und Conax Smartcard-Leser

Netzwerk- und USB-Schnittstelle

Standbild/Zoom/PIP/PaP/PaT

### AMBIENT OPERATING CONDITIONS

Ambient temperature: 5 - 35 °C

Humidity: 10 - 75 %

### LNB CONTROL

Vertical: <14 V without load, > 11.5 V at 400 mA V

Band switch: 22 kHz

DiSEqC: DiSEqC 1.0 / DiSEqC 1.x Sat Channel Router

Horizontal: <20 V without load, > 17.2 V at 400 mA / LNB shut-off standby mode V

Current consumption: 400 mA

### TECHNISAT ADDED VALUE SERVICES

AUTOINSTALL: Yes

## AUDIO

Speakers: 2 x 2-way sound system with bass reflex

AC3 Dolby Digital bitstream out: Yes

## CONNECTIONS

HDMI™ (in): 3

Common Interface (CI): 2

Smartcard reader: Yes

Subwoofer output: Yes

VGA: Yes

YUV (component input): Yes

Scart: 2

S Video: Yes

Video IN: 1

Ethernet 10/100 (RJ-45): Yes (RJ-45)

F socket: 2

IEC-Connector: Yes

RS-232:

## DECRYPTION SYSTEM

Conax: Yes

CI: Yes

## DIMENSIONS / WEIGHT

Set depth without stand: 110 mm

Set width without stand: 1.005 mm

Set height without stand: 715 mm

## DISPLAY

Size (cm): 102 cm

Format: 16:9

Contrast ratio: 3.000:1

Brightness: 500 cd/m<sup>2</sup>

Picture in Picture (PIP): Yes

Response time: 8 ms

Angle of view: 178° / 178°

Picture and Picture (PAP): Yes

Freeze frame: Yes

Zoom: Yes

SD: Yes

720p: Yes

Type: TFT-LCD "Full HD"

Resolution (vertical and horizontal): 1920 x 1080

HD: Yes

1080i: Yes

Size (inches): 40

## GENERAL CHARACTERISTICS

Hard drive: 250 GigaByte

Appearance: brushed, eloxated Aluminium

## HANDLING/COMFORT

Clock: Yes

Sleep timer: Yes

Alarm: Yes

## HOTEL MODE

Customisable start screen: Yes

Configurable on times: Yes

Energy card function: Yes

USB cloning function: Yes

Multimedia connectors: Yes

Menu locking: Yes

Radio mode: Yes

Mixing of channel slots: Yes

Multicode remote control: Yes

Fireproofed housing: Yes

## MATERIALS CONTAINED

Lead: Yes

## OTHER FEATURES

OSD languages: Hungarian, Italian, Swedish, Dutch, French, English, Greek, German, Portuguese, Spanish, Czech, Polish, Russian, Turkish

Total programme memory: 5.000

Regional channel selection: Yes

## POWER CONSUMPTION

SFIplus updating: 44 W

Software update: 44 W

Energy class: E

Standby fast start: 38 W

Standby LED: 0,55 W

In operation: 182 W

annual energy consumption when switched on:  
266 kilowatt hour per annum

Off status: 0 W

Power switch: Yes

## POWER SUPPLY

Nominal voltage: 230 V

Frequency: 50 Hz

Mains adapter: internal

## TUNER

Tuner type: Dual-HDTV-Multituner

DVB-S tuner: 2

DVB-C Tuner: 2

DVB-T Tuner: 2

Analogue UHF/VHF/CATV tuner: 2

TECHNIROUTER ready: Yes

Input impedance: 75  $\Omega$

Reception on: HDTV (Mpeg-4+2) SD (MPEG-2)

## TUNER - ANALOGUE

Reception range: 46 ... 860 MHz

Video standards: PAL, SECAM

## TUNER - CABLE

Demodulation: 16/32/64/128/256 QAM

FEC: Reed-Solomon

Reception range: 47 ... 862 MHz

Symbol rate: 1,7 ... 7

## TUNER - SAT

Viterbi rates: 1/2, 2/3, 3/4, 5/6, 7/8

DVB-S2: 8PSK - QPSK

DVB-S: QPSK

FEC: Viterbi and Reed-Solomon

Reception range: 950 ... 2.150 MHz

DVB-S: 1 ... 45

DVB-S2: 10 ... 31

## TUNER - TERRESTRIAL

Power supply: 5 A

Reception range 2: 470 ... 860 MHz

Reception range 1: 174 ... 230 MHz

Demodulation: COFDM

Voltage supply: 0,05 V

Bitrate: 4 ... 32

Transmission mode: 2k/8k

## WALL BRACKET

VESA wall mounting standards: VESA 400 x 200

## SCOPE OF DELIVERY

HDTV 40 Plus, mains power cable, fully specified remote control, remote control, 4 batteries (1.5 V AAA), angled screwdriver, operating manual, quick-and-easy manual, guarantee documents

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## Test Results HDTV 40 Plus - 100 Hz

