



*Televés reserves the right to modify the product*

## zAs HD SAT

### Digital satellite receiver

A digital television satellite receiver that allows watching a wide range of free-to-air (FTA) programmes from one or more satellites. Fully designed and manufactured in Europe using new-generation automated manufacturing processes that guarantee the receiver's quality and reliability.

The receiver is supplied with a power adapter, a remote control (batteries included), and an HDMI cable.

**Ref.717501**

**Art.Nr**

ZASHDSAT

**EAN13**

8424450148846

## Highlights

- Standard DVB-S and DVB-S2
- Video compatible with MPEG2 and MPEG4/H.264 (SD and HD channels)
- Compatible with DISEqC 1.2, motor and LNB unicable
- PVR functionality, which allows direct recording into an external drive or a pen drive (FAT 32) for USB 2.0
- Simple and intuitive menu
- Media player: video, audio and photo, for USB
- Low power consumption
- Quick and easy software update via USB
- Guided first installation
- Multi-language menu

## Main features

- "timeshift" function via USB with recording option
- Supports VBI teletext, OSD function, and subtitles (standard and TXT)
- Electronic Program Guide (EPG)
- 6 lists of favourite channels (A...F) and one pre-programmed channel list
- Parental control and menu locking

- Saves and recovers the last viewed channel.
- Advanced functions during playback (Fast Forward/Rewind, Last/Next file, Pause, Go to).
- Stores up to 5000 programmes

## Technical specifications

Type	Extension	Codec Video	Codec Audio
Input connector MP4	MP4	MPEG4 H.264	1 x F AAC
Output connector WAV	WAV		1 x F PCM MP3
Input frequency			950 - 2150 MHz AC-3
Input level MATROSKA	MKV MKA	MPEG4 H.264	30 a 90 dB MP2 MP3 AAC
LNB powering			13/18V, max. 250mA AC-3
Demodulation AVI	AVI	XDIV (MPEG-4 QPSK), DVBS2 (QPSK, 8PSK)	MP2 MP3
FEC			1/2, 2/3, 3/4, 5/6, 7/8, Auto
Simbol rate			1 a 45 MS/s en modo DVB-S, 1 a 30 MS/s en modo DVB-S2
Compatible with			Unicable (SCR Technology), DiSeqC, Motor
<b>Digital video</b>			
Compatible with			MPEG-2, MPEG-4, H.264
Profile and level			MPEG-2: MP @ ML / MPEG-4: ASP @ L5 / H.264/AVC: HP @ L4.0
Video bit Rate			40 Mbit/s Max.
Image format			4:3, 16:9
Video resolution			1080p, 1080i, 720p, 576p, 576i
<b>Audio</b>			
Audio decoder			MPEG/MusiCam Layer I & II, AC3, AAC, AAC+, Dolby+, Dolby digital
<b>Teletext</b>			DVB Compatible
<b>Memory</b>			
Flash memory			32 Mb
RAM memory			512 Mb
<b>Entrada/salida A/V</b>			
A/V input/output			
- RGB video output			1 x SCART socket
- CVBS video output			1 x SCART socket
- Analog audio output			1 x SCART socket
Optical			Optical fibre
HDMI			Video/Audio digital output
<b>Multimedia format</b>			
Video			MP4, MKV, AVI
Audio			MP3
Photo			JPEG

<b>ZAS receiver power</b>	
Input voltage	12 V. DC
Max. electrical consumption	375 mA without LNB / 450 mA powering an universal LNB
Stand-by consumption (max)	10 mA
<b>Power Adapter</b>	
Mains voltage	100-240 V, 50/60 Hz
Output voltage	12 V. DC
Type	switched-mode
<b>Ambient specifications</b>	
Operating temperature	from -5°C to 45°C