



HD-S 223 DVR

Compact HDTV sat receiver for unencrypted digital TV and radio programs

EAN	Colour	Item no.	Weight (Box)	Weight	Device (W x H x D)	Box
4019588048133	black	0000/4813	488 g	246 g	18 x 4 x 10 cm	25 x 5 x 16 cm

TOP FEATURES

- The HD-S 223 is a compact satellite receiver with USB recording function for receiving free digital TV and radio programs via satellite. Also suitable for use with a single-cable solution
- Recording function & timeshift: After connecting a USB storage device, record unencrypted programs easily or pause a running program manually using timeshift
- USB media player: Videos, music, and pictures stored on a hard drive or stick connected to the receiver can be played easily via the box's integrated media player.
- The electronic program guide (EPG) provides information about the TV program up to 7 days in advance. Thanks to the simple menu navigation and preinstalled channel list for Astra 19.2°, the box is ready to use quickly

MULTIMEDIA

DVR function: Yes

DVR storage medium: via USB

Timeshift: Yes

FILTER-NAVIGATION

Resolution: Full HD

Features: Radio reception

Connections: HDMI

Tuner type: Single tuner

Reception type: Satellite (DVB-S/S2)

AMBIENT OPERATING CONDITIONS

Humidity: 10 ... 75 %

Ambient temperature: 5 ... 35 °C

LNB CONTROL

Vertical: 14 V

Horizontal: 18 V

Band switch: 22 kHz

Current consumption: max. 500 mA

DiSEqC: 1.0 / 1.1

AUDIO

Clear language from ARD: Yes via USB

CONNECTIONS

HDMI™ (out): 1

USB: 1 (USB 2.0)

Digital optical audio out: Yes

Scart: 1

F socket: 1

DECODER	DISPLAY	HANDLING/COMFORT	
Video decoder: MPEG-2: MP@ML, H.264/MPEG4/AVC: MP@ML	Zoom: Yes	Media Player: Yes	
Audio decoder: MPEG-1 & MPEG-2 Layer I und II	SD: Yes	Clock: Yes	
	HD: Yes	Electronic Program Guide (EPG): Yes	
	1080i: Yes	Remote control: Yes	
	720p: Yes	Teletext: Yes	
	576p: Yes	Sleep timer: Yes	
	576i: Yes	Software update: Yes	
	480i: Yes	Autostandby: Yes	
	Type: 7-segment, 4-digit, green		
OTHER FEATURES	POWER CONSUMPTION	POWER SUPPLY	
OSD languages: Swedish, Italian, French, Portuguese, English, German, Russian, Spanish	In operation: max. 8 W	Nominal voltage: 230 V	
Total programme memory: 5.000	Standby: < 0,5 W	Frequency: 50 Hz	
		Mains adapter: internal	
		Effective output: max. 8 W	
SUPPORTED FORMATS & CODECS	TUNER	TUNER - SAT	SCOPE OF DELIVERY
Video-Codecs: MPEG-2, MPEG-4, H.264	Tuner type: Single-Tuner	Reception range: 950 ... 2.150 MHz	HD-S 223 DVR sat receiver, remote control, batteries, manual
Video-Formats: MKV, MP4, MOV, MPG, TS, TS4, VOB, M2TS, AVI	DVB-S tuner: 1	Viterbi rates: 1/2, 2/3, 3/4, 5/6, 7/8	
Picture-Formats: BMP, JPEG, GIF, PNG	Single Cable Solution (SatCR): SCR1 = EN50494, SCR2 = EN50607	DVB-S: QPSK	
Audio-Formats: AAC, MP3, MP2, OGG	Satellite radio: Yes	DVB-S: 2 ... 45	
	Reception on: HD-TV, SD-TV	DVB-S2: 8PSK - QPSK	
		DVB-S2: 10 ... 31	
		FEC: RS, LDPC, BCH	