



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

Reception of free digital TV and radio channels via satellite (DVB-S/S2)

7 day EPG support

DVRready for recording on USB storage device

Timeshift in connection with USB hard drive

Supports SCR1 = EN50494 and SCR2 = EN50607

Compact, small housing

USB media player for video, music and picture

Support of audio codec AAC

MULTIMEDIA

DVR function : Yes

DVR storage medium : via USB

Timeshift : Yes

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

audio_klare_sprache : Yes via USB

CONNECTIONS

HDMI™ (out) : 1

USB : 1 (USB 2.0)

Digital optical audio out : Yes

Scart : 1

F socket : 1

DECODER

Video decoder : MPEG-2: MP@ML, H.264/MPEG4/AVC: MP@ML

Audio decoder : MPEG-1 & MPEG-2 Layer I und II

DISPLAY

Zoom : Yes

SD : Yes

HD : Yes

1080i : Yes

720p : Yes

576p : Yes

576i : Yes

480i : Yes

Type : 7-segment, 4-digit, green

HANDLING/COMFORT

Media Player : Yes

Clock : Yes

Electronic Program Guide (EPG) : Yes

Remote control : Yes

Teletext : Yes

Sleep timer : Yes

Software update : Yes

Autostandby : Yes

OTHER FEATURES

OSD languages : Swedish, Italian, French, Portuguese, English, German, Russian, Spanish

Total programme memory : 5.000

POWER CONSUMPTION

In operation : max. 8 W

Standby : < 0,5 W

POWER SUPPLY

Nominal voltage : 230 V

Frequency : 50 Hz

Mains adapter : internal

Effective output : max. 8 W

SUPPORTED FORMATS & CODECS

Video-Codecs : MPEG-2, MPEG-4, H.264

Video-Formats : MKV, MP4, MOV, MPG, TS, TS4, VOB, M2TS, AVI

Picture-Formats : BMP, JPEG, GIF, PNG

Audio-Formats : AAC, MP3, MP2, OGG

TUNER	TUNER - SAT	SCOPE OF DELIVERY
Tuner type : Single-Tuner	Reception range : 950 ... 2.150 MHz	HD-S 223 DVR sat receiver, remote control, batteries, manual
DVB-S tuner : 1	Viterbi rates : 1/2, 2/3, 3/4, 5/6, 7/8	
Single Cable Solution (SatCR) : SCR1 = EN50494, SCR2 = EN50607	DVB-S : QPSK	
Satellite radio : Yes	DVB-S : 2 ... 45	
	DVB-S2 : 8PSK - QPSK	
	DVB-S2 : 10 ... 31	
	FEC : RS, LDPC, BCH	



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