



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

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 type: Single-Tuner
DVB-S tuner: 1
Single Cable Solution (SatCR):
SCR1 = EN50494, SCR2 = EN50607
Satellite radio: Yes
Reception on: HD-TV, SD-TV

TUNER - SAT

Reception range: 950 ... 2.150
MHz
Viterbi rates: 1/2, 2/3, 3/4, 5/6, 7/8
DVB-S: QPSK
DVB-S: 2 ... 45
DVB-S2: 8PSK - QPSK
DVB-S2: 10 ... 31
FEC: RS, LDPC, BCH

SCOPE OF DELIVERY

HD-S 223 DVR sat receiver, remote
control, batteries, manual