

HDTV receiver for satellite reception



UFS 940sw 20210151

The UFS 940sw HDTV receiver is suitable for reception of digital satellite TV and radio programmes. This receiver allows you to receive both high-definition and standard television.

Due to its HDMI interface, the unit can be connected to a flat-screen TV set, allowing you to enjoy optimal viewing comfort.

The UFS 940sw has been specially designed for concealed installation in caravans. Accessories for suspended or on-surface installation are included in the delivery scope.

The integrated Kathrein easy-use EPG is not only a well-structured electronic TV magazine, but also offers the possibility to take programmes from the respective EPG and add them to the timer. Automatic downloading of new software and new programme lists (not in CAP mode) deliver top customer service.



The USB 2.0 interface on the receiver's rear panel enables connection of an external USB hard disk, allowing you to record TV and radio broadcasts (not in CAP mode). Software and programme list updates can also be performed on this interface.

An integrated Common Interface can accommodate one CA module for pay-TV programmes.

The UFS 940sw can be used to control the CAP 900/910, CAP 700/710 and CAP 600/610.

The receiver is available in black.

Rear panel



Accessories



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Features

- Reception of digital satellite TV and radio programmes in the DVB-S2 (HDTV) and DVB-S transmission standards
- Video decoding of MPEG-2 and MPEG-4/H.264 signals (HDTV)
- Kathrein easy-use EPG with intuitive timer programming ¹⁾
- Common Interface for one CA module ²⁾
- HDMI output for optimal viewing comfort on your flat-screen TV
- Upscaler to upscale PAL signals (576i) to 576p, 720p and 1080i
- Integrated bracket and compact dimensions for concealed installation
- Mounting accessories for on-surface or under-shelf installation
- Removable remote control sensor for concealed installation
- Guided first installation
- Pre-programmed programme list - immediate TV viewing without a programme scan
- 31 pre-programmed satellites
- Automatic software and programme list downloads (not in CAP mode)
- Option to record TV and radio broadcasts on an external USB hard disk ** (not in CAP mode)
- 12 V supply for mobile use
- 230 V power supply unit for stationary use
- Integrated inverse-polarity protection
- Optical audio output for Dolby * Digital data stream (AC 3)
- Cinch sockets for AV signal (CVBS, stereo-audio)
- One USB 2.0 port on the rear panel for software updates using a USB Stick
- 8 favourite programme lists each for TV and radio
- 1,000 timers (serial and interval)
- Suitable for software updates (operational software and programme list separately) via satellite and USB stick
- Videotext decoder with 800-page memory capacity
- Language selection for programmes broadcast in several languages
- On-screen display (OSD) in 8 languages (D, GB, F, I, E, CZ, PL, TR)
- DiSEqC™1.0/1.1/1.2/USALS, CAP command set and SCR single-cable system control signals
- 4,000 programme memory positions
- Infra-red remote control with command set switching
- Stand-by < 1 W
- On/off switch (disconnection from 12 V supply)
- Delivery scope: IR remote control, batteries, IR sensor, 12 V connection cable with shock-proof plug (cigarette lighter and 12 V connection plug), TV connection cable 3 x Cinch to 3 x Cinch, power supply unit 230 V/12 V, user manual

¹⁾ Display of information only if broadcast by the programme provider

²⁾ CA modules and smart cards not included in delivery scope

* Dolby is a registered trademark of Dolby Laboratories

** Only with hard disk drives from Kathrein's programme range or with approved hard disk drives

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Technical data

Type		UFS 940sw
Order no.		20210151
Colour		Black
RF range		
Sat-IF range	MHz	950-2,150
Input level range	dB μ V	44-83
TV system video		
Modulation, FEC, de-multiplexer		DVB-S/DVB-S2 standard
Video resolution		CCIR 601 (720 x 576 lines), 576i, 576p, 720p, 1080i
Video decoding		MPEG-2, MPEG-4 (H.264/AVC)
Input data rate	MSymb/s	2-45 (30 for DVB-S2/8PSK)
S/N	dB	> 53
TV system audio		
Decoding		AC 3, MPEG 1, layer 1 and 2
Sampling rate	kHz	32/44.1/48
S/N	dB	> 65
Power supply		
Mains voltage (external power supply)	V _{AC} /Hz	230 (\pm 15 %)/50
DC voltage	V _{DC}	12
Power consumption (max./typ. operation/stand-by)	W	< 26/??/1
LNB supply (horiz./vert.)	V/mA	14/18; Max. 400
Control signal	kHz	22; DiSEqC™1.0/1.1/1.2/USALS, CAP command set, SCR single-cable system
Connections		
Sat-IF input/output		2 x F-type socket
Video output (analogue)		1 x Cinch socket
Video/audio output (digital)		1 x HDMI
Audio output (analogue)		2 x Cinch socket
Audio output (digital)		Standard optical (SPDIF)
Data interface		
Common Interface		For 1 CA module
USB		1 x 2.0
IR sensor		RJ 11-mod
General		
Ambient temperature	°C	Max. +5 to +40
Dimensions (W x H x D)	mm	226 x 38 x 170
Weight	kg	< 1.5