

HDTV receivers for satellite reception

UFS 910si 20210105 CE
 UFS 910sw 20210089

The UFS 910 HDTV receiver is suitable for the reception of digital satellite TV and radio programmes.

The receiver processes both standard television and high definition television. Two CA modules for Pay-TV channels can be added to the integrated Common Interface.

Programme names are shown on the 16-digit alphanumeric display. The display also includes 16 icons which supply information on specific receiver statuses (e.g. Dolby Digital, HD, timers ...).

The receiver is fitted with an HDMI output which enables connection to a flat-screen TV set. A YPbPr connection, video-composite and two Scart sockets are additionally provided. The optical audio output allows transmission of the AC 3 Dolby Digital data stream from the receiver to a Dolby Digital audio system.



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 include them in the timer.

The USB interface on the receiver front panel makes it possible to update receiver software. The two USB 2.0 host interfaces on the rear panel enable connection of external storage media (USB stick/hard disk).

Test verdicts

The image displays a grid of award logos for the Kathrein UFS 910 receiver. The logos include:

- TESTURTEIL GUT** (SATVISION 05/2007)
- TV Movie multimedia TESTSIEGER** (05|07)
- Testsieger SAT Empfang**
- HOMEVISION WERTUNG 5/07** (Kathrein UFS 910, Testurteil: überragend, Preis/Leistung: sehr gut)
- sat+kabel RECEIVER-TEST** (Wertung: gut, Punkte gesamt: 78,05 von 100)
- HDTV PRAXIS PREIS-LEISTUNGS-SIEGER**
- HDTV PRAXIS TESTSIEGER**
- Kathrein UFS 910** (Preis-Leistungsverhältnis hervorragend, 1,2 HEIMKINO 08/2007, Spitzenklasse)
- Audio Video Foto Bild Test-Sieger**
- HD:TV** (Kathrein UFS 910, GUT, AUSGABE 3/2008)
- HD:TV** (Kathrein UFS 910, GUT, AUSGABE 3/2007)
- DIGITAL TESTED** (gut, Kathrein UFS 910)
- DIGITAL TESTED** (gut, Kathrein UFS 910, TESTSIEGER)
- DIGITAL fernsehen** (6.2007, gut, Kathrein UFS 910, www.digitalfernsehen.de)
- DIGITAL fernsehen** (TESTSIEGER 7.2007, gut, Kathrein UFS 910, www.digitalfernsehen.de)
- DIGITAL fernsehen** (6.2008, gut, Kathrein UFS 910, www.digitalfernsehen.de)
- Audio Video Foto Bild Stromsparener!** (Duo-Energy)
- TESTSIEGER HiFi Test** (4/2007)
- HOMEVISION** (Kathrein UFS 910, Testurteil: sehr gut, Preisurteil: sehr gut)
- video Ausgabe 7/2008 TESTSIEGER**

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Features

- Reception of digital satellite TV and radio programmes in the DVB-S and DVB-S2 transmission standards
- Video decoding of MPEG-2 and MPEG-4/H.264 signals
- 16-digit alphanumeric display with status icons to show the programme names and programme information
- 4,000 programme memory positions
- Kathrein easy-use EPG with timer programming ¹⁾
- Common Interface for two CA modules ²⁾
- HDMI output enables connection to a HD-ready TV set for optimal viewing comfort
- Upscaler to upscale Pal signals to 576p, 720p and 1080i
- Option to record TV and radio broadcasts on an external USB hard disk (as of software version 1.04)
- Timeshifted viewing through external USB hard disk (as of software version 1.04)
- Guided first installation
- Pre-programmed programme list
- Ethernet port enables connection of a PC ³⁾
- Optical audio output for Dolby Digital data stream (AC 3)
- YPbPr output
- Cinch sockets for AV signal (composite colour picture, stereo-audio)
- One USB 2.0 port on the front panel and two USB 2.0 ports on the rear panel
- 8 favourite programme lists each for TV and radio
- 1,000 timers (serial and interval)
- Multifunctional tuning on the front panel for easy operation
- Composite colour picture, RGB and Y/C signal output programmable on Scart socket (TV)
- Suitable for software updates (operational software and programme list separately) via satellite, USB stick and PC
- Videotext decoder with 800-page memory capacity
- Language selection for programmes broadcast in several languages
- On-screen display (OSD) in 10 languages (D, GB, F, I, E, CZ, NL, PL, TR, RUS)
- DiSEqC™1.0 control signal and SCR single-cable system control signals
- LINUX based operational system
- Infra-red remote control with command set switching
- Mains switch
- Delivery scope: Infra-red remote control, batteries, HDMI cable, Scart cable, manual, safety notes, power cable

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

²⁾ CA module and Smartcards are not supplied

³⁾ PC software can be downloaded from the Kathrein website

Technical data

Type		UFS 910si	UFS 910sw
Order no.		20210105	20210089
Colour		Silver	Black
RF range			
Sat-IF range	MHz	950-2,150	
Input level range	dB μ V	44-83	
Reception threshold (EB/NO)	dB		
TV system video			
Modulation, FEC, de-multiplexer		DVB-S/DVB-S2 standard	
Video resolution		CCIR 601 (720 x 576 lines), 576p, 720p, 1080i	
Video decoding		MPEG-2, MPEG-4 compatible	
Input data rate	MSymb/s	2-45	
Bit rate	MBit/s		
Frequency range	MHz		
Output voltage	V _{ss}		
S/N	dB	> 53	
TV system audio			
Decoding		AC 3, MPEG-4, MPEG-1, layer 1, 2 and 3	
Sampling rate	kHz	32/44.1/48	
Frequency range	kHz		
Output voltage	mV _{ss}		
S/N	dB	> 65	
Memory			
Flash-RAM	MB	32	
SDRAM	MB	128	
Processor clock rate	MHz	200	
Power supply			
Mains voltage	V/Hz	230 (\pm 15 %)/50	
Power consumption (operational mode/stand-by mode)	W	< 26/1	
LNB supply (horizontal/vertical)	V/mA	14/18; max.	
Control signal	kHz	22; ToneBurst; DiSEqC™1.0	
Connections			
Sat-IF input/output		2 x F-type socket	
Connection TV/VCR		2 x Scart socket	
Video output (analogue)		3 x Cinch socket (YPbPr)/1 x Cinch socket composite	
Video/audio output (digital)		1 x HDMI	
Audio output (analogue)		2 x Cinch socket	
Audio output (digital)		Standard optical output	
Data interface			
Common Interface		For 2 CA modules	
USB		3 x 2.0	
RS 232		1	
Ethernet		1	
General			
Ambient temperature range	°C	Max. + 5 to + 40	
Dimensions (W x H x D)	mm	342 x 67 x 273	
Weight	kg	< 3	