

HDTV receivers for satellite reception

UFS 902si 20210129 **CE**
 UFS 902sw 20210130

The UFS 902 HDTV receiver is suitable for the reception of digital satellite TV and radio programmes. The receiver processes both standard television and high definition television.

The integrated Common Interface can accommodate one CA module to decode pay-TV programmes. Programme names are shown on the 12-digit alphanumeric display.

An HDMI interface enables optimal transmission of picture and sound to a flat-screen TV set. The receiver is additionally equipped with a YPbPr connection and a Scart socket (TV).

An 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.

Software updates can be uploaded to the receiver through the USB 2.0 Host interface on the rear panel.

Test verdicts

HiFi Test Kathrein UFS 902
Oberklasse
 Preis/Leistung: **1,4**
 gut - sehr gut
 HEFT 5/2008

SATVISION
 Kathrein UFS 902
ENERGIESPARSIEGER
 Gerät mit dem geringsten kombinierten Energieverbrauch
 3 HTDV SAT-Receiver im Vergleich Heft 09/2008

SATVISION
 Kathrein UFS 902
GUT **87,6 %**
 3 HTDV SAT-Receiver im Vergleich Heft 09/2008

Kathrein UFS 902
HEIMKINO 1,4
 Testurteil: **sehr gut**
 Oberklasse 11/2008

HOME VISION
TESTSIEGER 10/08

HOME VISION 10/08
 Kathrein UFS 902
 Testurteil **sehr gut**
 Preisurteil **gut**

EMPORIO URTEIL
 Kathrein UFS 902
GUT **89,4 %**
 14 HDTV-SAT-Receiver im Test Heft 11/2008

1,4
Oberklasse
SAT
 Preis/Leistung: gut - sehr gut
 Empfang 2/2008

DIGITAL fernsehen
 TESTSIEGER 12.2008
gut
 KATHREIN UFS 902
 www.digitalfernsehen.de

HDTV receivers for satellite reception

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
- 12-digit alphanumeric display
- 4,000 programme memory positions
- Kathrein easy-use EPG with timer programming ¹⁾
- Common Interface for one CA module ²⁾
- HDMI for connection to a flat-screen TV
- Upscaler to upscale Pal signals (576i) to 576p, 720p and 1080i
- Option to record TV and radio broadcasts on an external USB hard disk (as of software version 1.02)
- Timeshifted viewing through external USB hard disk (as of software version 1.02)
- Guided first installation
- Pre-programmed programme list
- Optical audio output for Dolby Digital data stream (AC 3)
- YPbPr output
- Cinch sockets for AV signal (composite colour picture, stereo-audio)
- USB 2.0 port on the rear panel for software updates via USB stick
- 8 pre-programmed favourite programme lists each for TV and radio
- 1,000 timers (serial and interval)
- 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 or USB stick
- 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

Technical data

Type		UFS 902si	UFS 902sw
Order no.		20210129	20210130
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), 576i, 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	100-240/50-60	
Power consumption (operation/stand-by)	W	< 26/ 1	
LNB supply (horiz./vert.)	V/mA	14/18; Max. 400	
Control signal	kHz	22; ToneBurst; DiSEqC™1.0	
Connections			
Sat-IF input/output		2 x F-type socket	
Connection TV/VCR		1 x Scart socket	
Video output (analogue)		3 x Cinch socket (YPbPr)/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	
RS 232		1	
General			
Ambient temperature	°C	Max. + 5 to + 40	
Dimensions (W x H x D)	mm	342 x 67 x 273	
Weight	kg	< 3	