

DVB-S receivers

HDTV receiver for satellite reception

UFS 910si
UFS 910sw

20210105
20210089



The new UFS 910 HDTV receiver is suitable for the reception of digital satellite TV and radio channels. The receiver processes both standard television and high definition television.

Two CA modules for pay-TV channels can be added to the integral Common Interface.

The receiver is fitted with an HDMI for connection to an HD-ready TV set. Also a YPbPr connection, video-composite and two Scart sockets are provided.

The back panel of the receiver shows two Cinch sockets for stereo reception and an optical audio output for Dolby Digital data stream.

Using a USB stick (not supplied), you can update the software over one of the three USB ports.



Features

- Reception of digital satellite TV and radio channels in the DVB-S and DVB-S2 transmission standards
- Video decoding of MPEG-2 and MPEG-4-/H.264 signals
- 16-digit alphanumerical display to show the channel names and programme information
- 4,000 channel memory positions
- Kathrein-easy-use EPG with timer programming ¹⁾
- Common Interface for two CA modules ²⁾
- HDMI for connection to an HD-ready TV set
- 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 back panel for software updates with a USB stick
- 8 favourite channel lists each for TV and radio
- Multifunctional button on the front panel
- Composite colour picture, RGB and Y/C signal output programmable on Scart socket
- Suitable for software updates (operational software and channel list separately) via satellite or USB stick (not supplied)
- Language selection for programmes broadcast in several languages
- Channel search
- Channel position sort function
- Automatic date and time setting via the DVB data stream
- 1,000 timers (serial and interval)
- On-screen display (OSD) in 8 languages (D, GB, F, I, E, CZ, NL, TR)
- DiSEqC™1.0 control signal and SCR one-cable system control signals (as of second quarter 2007)
- LINUX based operational system
- 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 UFS 910si/UFS 910sw

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, demultiplexer		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 (AAC-HE), 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/standby mode)	W	< 26/-	
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 socket	
Connection TV/VCR		2 x Scart socket	
Video output (analogue)		3 x Cinch socket (YPbPr) / 1 x Cinch socket composite	
Video output (analogue)		1 x Cinch socket composite	
Video output (digital)		1 x HDMI	
Audio output (analogue)		2 x Cinch socket	
Audio output (digital)		Standard optic fibre (SPDIF)	
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	