

DVB-S receivers FTA

UFS 700si 20210123
UFS 700sw 20210124



The UFS 700si and UFS 700sw receivers are suitable for the reception of free-to-air digital satellite TV and radio programmes.

Apart from their excellent picture and sound quality, these receivers are also quite appealing due to their modern housing.

The receivers offer many features, such as an electrical audio output for Dolby Digital (AC 3), a video output and videotext with 800-page memory capacity.

The receivers are available in silver and black.



Features

- Reception of FTA digital satellite TV and radio programmes
- 4,000 programme memory positions
- 4-digit display
- Kathrein-easy-use EPG with timer programming ¹⁾
- Suitable for software downloads via satellite and PC
- 8 favourite programme lists each for TV and radio
- Automatic date and time setting via DVB data stream
- On-screen display (OSD) in 8 languages (D, GB, F, I, E, CZ, NL, TR)
- 1,000 timers (serial and interval)
- Language selection for programmes broadcast in several languages
- Electrical audio output for Dolby Digital data stream (AC 3)
- Composite colour picture, Y/C and RGB signal output programmable on Scart socket
- Cinch sockets for AV signal
- Videotext decoder with 800-page memory capacity
- Automatic 4:3 and 16:9 picture format recognition with choice of viewing format
- Programme scan
- Programme position sort function
- DiSEqC™1.0, SCR single-cable system control signals
- Infra-red remote control with command set switching
- Mains switch
- An external IR sensor can be connected
- Delivery scope: Infra-red remote control, batteries, manual, safety notes, Scart cable, power cable

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

Technical data

Type		UFS 700si	UFS 700sw
Order no.		20210123	20210124
Color		Silver	Black
RF characteristics			
Input frequency range	MHz	950-2,150	
Input level range	dB μ V	44-83	
Reception threshold (EB/NO)	dB	< 4.5	
TV system video			
Modulation, FEC, de-multiplexer		DVB-S standard	
Video resolution		CCIR 601 (720 x 576 lines)	
Input data rate	MSymb/s	2-45	
Video decoding		MPEG-1 and MPEG-2 compatible	
Bit rate	MBit/s	1.5-15	
Frequency range	MHz	0.02-5	
Output voltage	V _{ss}	1	
S/N	dB	> 53	
TV system audio			
Audio decoding		MPEG-1 and MPEG-2, layer 1 and 2	
Sampling rate	kHz	32/44.1/48	
Frequency range	kHz	0.04-20	
Output voltage	mV _{ss}	Typ. 770	
S/N	dB	> 65	
Memory			
Flash-RAM	MB	4	
DDR-Ram	MB	16	
Processor clock rate	MHz	200	
Power supply			
Mains voltage	V _{AC} /Hz	230 (\pm 10 %)/50	
Power consumption (operational mode/stand-by mode)	W	< 20/< 3.5	
LNB supply vertical/horizontal	V/mA	14/18/max. 400	
Control signal	kHz	22; DiSEqC™1.0; SCR single-cable system	
Connections			
Sat-IF input/output (loop through)		2 x F-type socket	
TV/VCR output		2 x Scart socket	
Video output		Cinch socket	
Audio output (analogue)		2 x Cinch socket	
Audio digital output (electrical)		Cinch socket	
Data interface		RJ 11 socket	
General			
Ambient temperature range	°C	+5 to +40	
Dimensions	mm	280 x 49 x 190	
Weight	kg	< 2	