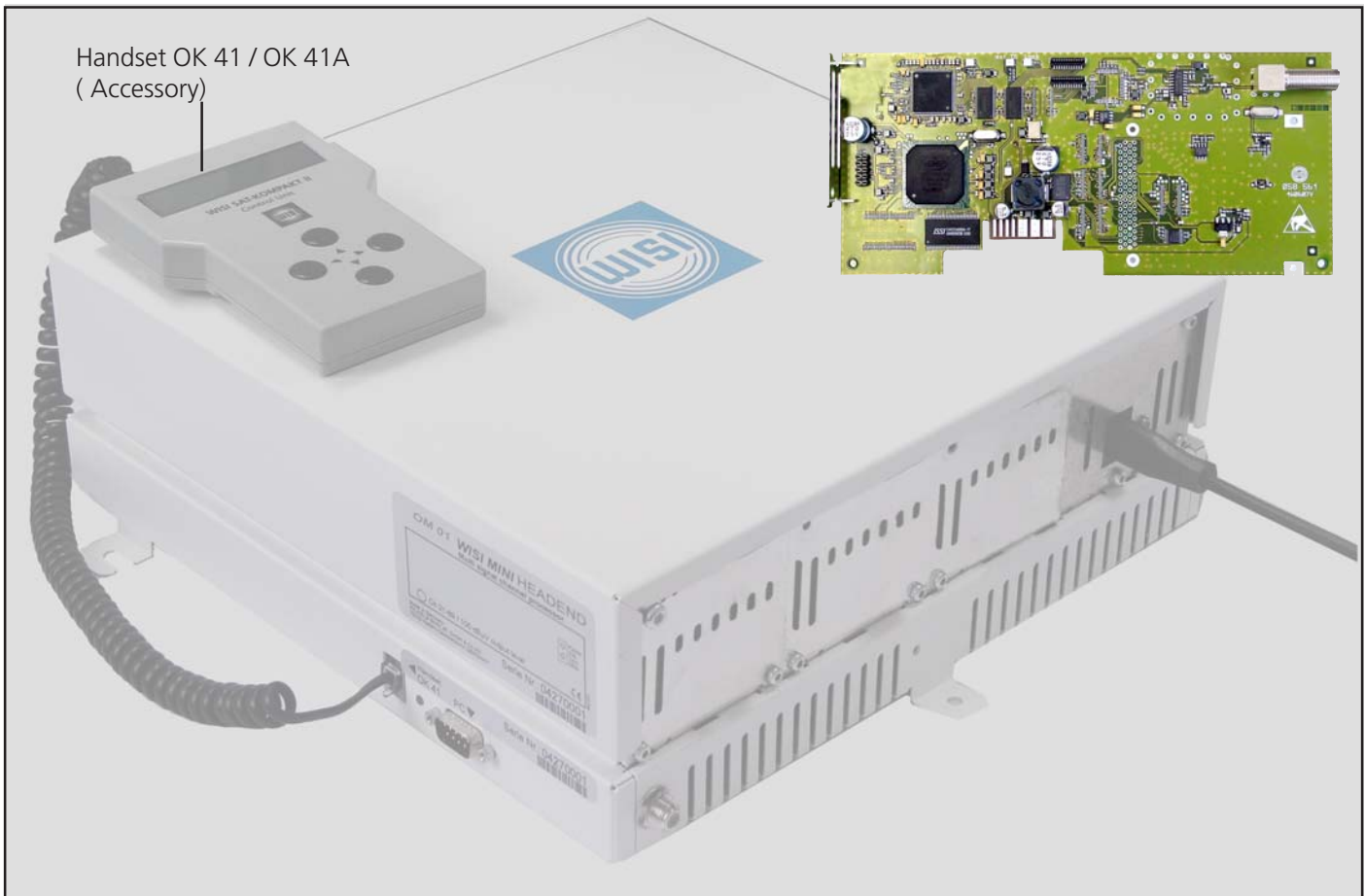


PRODUCT INFORMATION



WISI MINI HEADEND

OM 14 TS to PAL channel processor (FTA)

OM 15 TS to PAL channel processor with CI

- Reception of a DVB-TS signal and channel processing to a TV channel (PAL/SECAM)
- Transport Stream input interface from OM 11 / OM 16 / OM 17 / OM 18 / OM 19
- Demultiplex and decoding of MPEG-2 signals and modulation to a TV channel
- Hardware capable for teletext insertion, VPS and WSS data (in a later software revision)
- Transport Stream output interface for OM 14 / OM 15





OM 14 TS to PAL channel processor (FTA)

OM 15 TS to PAL channel processor with CI

Specifications

TS = Transport Stream
CI = Common Interface

Input

Parallel Transport Stream input	
Video Decoder	ISO 13818-2 MPEG 2 (MP@ML) 1.5 Mbit/s – 15 Mbit/s
Format	4:3 / 16:9
Video format (switchable)	PAL / NTSC
Hardware prepared for SECAM	
Audio decoder	ISO 13818-3 MPEG 2 (L1/2)
Audio language	ISO 639
Audio format	mono / stereo (sum) / auto
Audio format (switchable)	manual / auto / stereo (sum) (if supported by provider)

TS interface

Parallel Transport Stream output

Output

Output impedance	75 Ω	
Output frequency	470 – 862 MHz	
Frequency tuning steps	250 kHz	
Stability of output frequency	\pm 30 kHz	
Output modulation	Double sideband	
Output level	80 dB μ V	
Return loss	\geq 10dB	
TV-standard	G, K, I, L, M	
Level tolerance Bt-Tt1	Standard G/K/I/M/N	12 dB \pm 3 dB
Spurious emissions	inside AM-TV-Channels	> 60 dB
	outside a TV-Channel	> 56 dB
S/N Video (CCIR-rec.567-1)	typ. 57 dB, min. 55 dB	
S/N Audio (with color test pattern)	typ. 50 dB, min. 45 dB	
Test pattern generator	black/white and color bar	

General data

Dimensions	90 x 200 x 15 mm	
Connectors	RF output	F
	TS-in-/output	LIF connector for flexible foil cable
	CI	PCMCIA
	Power	PCB connector
Power supply	3.3 V DC	150 mA (without CI)
	5 V DC	300 mA (without CI)
	14 VDC	LNB supply
Power consumption	< 4 W	
Ambient temperature	0° C ... +55° C	



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