

# WISI OH 88 H

Twin DVB-S/S2 – COFDM transmodulator with CI



## Description

Powerful technology, compact dimensions, modular and flexibly expandable; the WISI COMPACT HEADEND System OH combines all the advantages of an innovative and affordable headend. WISI Compact Headend OH is easy to configure. With up to 14 module slots it offers channel processing for 14 analogue or 28 digital channels in a 3 HU 19" rack chassis. WISI Compact Headend OH operates on a high efficiency power supply, with low consumption modules in order to make a minimum ecological impact and a low operational cost. The USB connection and the RJ45 interface can be used to execute software updates for the basic unit as well as for the modules. Furthermore, all functions can be furnished from a distance per web browser.

## At a glance:

- Reception of two DVB-S/S2 signals and transmodulation into two COFDM-TV channels
- 2x CI slots for central decryption
- MPEG 2 and MPEG 4 compatible
- PID filtering
- NIT and LCN generation

## Technical data

<b>Input</b>	
Input frequency range	950...2150 MHz
Input frequency steps	1 MHz
Input level range	47...70 dB $\mu$ V
AFC	$\pm$ 10 MHz
Modulation type	QPSK, 8PSK
Symbol rate	QPSK: 1...53 MS/s; 8PSK: 1...45 MS/s; 16APSK: 1...35 MS/s; 32APSK: 1...28 MS/s
FEC outer DVB-S	BCH
FEC inner DVB-S	Conv. 1/2, 2/3, 3/4, 5/6, 7/8
FEC outer DVB-S2	BCH
FEC inner DVB-S2	LDPC 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10

## Output

Output frequency range	47...862 MHz
Output frequency steps	500 kHz
Frequency stability	$\pm$ 30 kHz
Output channel bandwidth (couple)	2 x 7/8 MHz
Output level	95...105 dB $\mu$ V
Amplitude response (O-E)	$\pm$ 1 dB
Spurious suppression	>50 dB
S/N	>41 dB
MER	>37 dB
Modulation	QPSK, 16-, 64-QAM
FEC	1/2, 2/3, 3/4, 5/6, 7/8
Guard Interval	1/4, 1/8, 1/16, 1/32
FFT modus	2 k/8 k
Bit stuffing	Yes
PCR correction	Yes
PID filtering and remapping	Yes

## Connectors

F-socket	3 pcs.
Common Interface for Descrambling	2 pcs.

## General data

Power consumption	<10 W
LNB supply voltage	14/18 V (22 kHz), DiSEqC 1.0
LNB electrical power supply	0.5 A (without CAM)
Dimensions (width x height x depth)	29,5 x 105 x 253 mm
Operating temperature range	-20...+55 °C

## Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	340 x 170 x 70 mm
Packaging volume sales unit	dm <sup>3</sup>
Gross weight sales unit	0.500 kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	4.04 dm <sup>3</sup>

## Packaging data

Gross weight shipping unit	0.59 kg
EAN	4010056740436
Article number	74043
Customs tariff number	85437090