

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.

## Features and Benefits

- » Transmodulation from DVB-T/T2/C to DVB-T, with the inclusion of CI interfaces for descrambling, the unit can deliver services transparently or through PID filtering selected digital services
- » Regeneration of the DVB-T services to a DVB-T-COFDM signal, transparent or select services with PID filtering
- » Integrated conditional access interface for both channels
- » Internal NIT generation available
- » PID filtering available
- » Input range 110-878MHz DVB-C/T/T2



## 14MM-OH89 Specifications

Input Frequency Range	110-878MHz
Input Frequency Steps	250kHz
Input Level Range	47-90dBμV
Channel Bandwidth	7/8MHz
COFDM Spectral	2 k and 8 k FFT
COFDM Modulation Scheme	QPSK, 16-QAM, 64-QAM
COFDM Guard Interval	1/32, 1/16, 1/8, 1/4
COFDM FEC Inner Code	Conv., K=7, G=1/2, 2/3, 3/4, 4/5, 5/6, 7/8
QAM Modulation Scheme	16-, 32-, 64-, 128-, 256-QAM
QAM Symbol Rate	1-7 MBaud
Output Frequency Range	47-862MHz
Output Frequency Steps	250kHz
Output Stability	±30kHz
Output Channel Bandwidth (bonded)	2 x 7/8 MHz
Output Level	82-97dBμV
Stability of Output Level	±1dB
Spurious Outside TV Channel	>50dB
SNR	≥41dB
MER	≥37dB
Modulation (COFDM)	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 Mode	2k, 8k
Bit Stuffing	Yes
PCR Correction	Yes
PID Filtering	Yes
NIT Editing	Yes
Connectors RF	F-connector
Current Consumption	0.5 A / 12 V
Power Consumption	< 10W
Operating temperature	- 20 °- + 55 °C

