
4K COMPATIBLE HD MODULATOR

MD HD L4K

- √ Digital modulator-encoder
- √ HD COFDM.
- √ LOOP HDMI IN / OUT.
- √ Resolution up to 1080p.
- √ Excellent MER modulation quality > = 33dB.
- √ Quick menu Easy channel setting,
- √ attenuation and program identifier by means of buttons on the front.
- √ Easy advanced programming via PC program (MDHDSOft).



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TECHNICAL TABLES

REFERENCE		MD HD L4K
Code		122015
IN		HDMI 2.0, fully compliant HDCP 2.2 backwards compliant HDMI 1.4
OUT		loop HDMI
VIDEO		
Input video resolution supported		480i@60Hz, 480p@60Hz, 576i@50Hz, 720p@50/60Hz, 1080p@50/60Hz, 1080i@50/60Hz, 4Kx2K@24/30/50Hz
Data rate		6Gbps per channel
Video encoding		H.264
Video rate		15 Mbps
AUDIO		
Audio encoding		MPEG1-L2, AAC-LC
Audio rate	Kbps	128, 192, 256, 320, 384
MODULATION		
Output video resolution		1080p maximum
DVB processing		NIT, PID
DVB configuration		NID, ONID, Network name, TSID, PID, Program name, PMT PID, Video PID, Audio PID
Output frequency	MHz	170-230 & 470-862
Channel output		5-12 & 21-69
Output level	dBuV	>80
Attenuation	dB	0..15
MER	dB	>33
Bandwidth	MHz	6,7,8
Constelation		QPSK, 16QAM, 64QAM
Mode		2K, 8K
FEC		1/2, 2/3, 3/4, 5/6, 7/8
Guard interval		1/4, 1/8, 1/16, 1/32
LCN		EACEM, ITC, NORDIG
Loop RF	dB	-2
GENERAL		
Power supply	Vdc	5
Power consumption	W	<5
Size	mm	170x130x35
Weight	Kg	0,6