
4K COMPATIBLE HD MODULATOR

MD HD L4K RC

- ✓ COFDM HD digital encoder modulator with IR extender.
- ✓ LOOP HDMI IN / OUT 4K.
- ✓ Resolution up to 1080p in modulator.
- ✓ Excellent MER modulation quality > = 33dB.
- ✓ Quick menu Easy adjustment of channel, attenuation, program identifier and IR frequency using buttons on the front.
- ✓ Easy advanced programming via PC program (MDHDSOFT).
- ✓ Universal infrared extender Allows selection of infrared frequency 30-60KHz.
- ✓ High dynamic range IR reception (80dB).
- ✓ USB recorder / player.



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TECHNICAL TABLES

REFERENCE		MD HD L4K RC
Code		122016
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
Constellation		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
INFRARED EXTENDER		
Cable with IR emitter-Freq.	KHz	38-46-56
USB		
USB connector		H.264 *.ts files Record & Play
GENERAL		
Power supply	Vdc	5 (RF OUT pass optional)
Power consumption	W	<5
Size	mm	170x130x35
Weight	Kg	0,6