



EKSELANS BY ITS

DIGITAL COFDM/ QAM HD MODULATOR WITH 2 HDMI INPUTS

MD HD EASY TWIN

- ✓ COFDM / QAM HD digital modulator-encoder
- ✓ Excellent MER modulation quality ≥ 33 dB
- ✓ Resolution up to 1080p
- ✓ LOOP HDMI IN / OUT
- ✓ USB Recorder / Player
- ✓ Quick menu. Easy adjustment via buttons for channel, attenuation, program identifier
- ✓ Easy advanced programming by PC program (MDHDSOft)



MD HD EASY TWIN



CHD



HDM 90



HDM 90F



TECHNICAL INFORMATION

REFERENCE		MD HD EASY TWIN
Code		122013
Inputs		2 x HDMI
VIDEO		
Video resolution		480p - 576p - 720p - 1080p
Video compression		H.264
Video rate	Kbps	500-15000
AUDIO		
Audio compression		MPEG1-L2, AAC-LC
Audio rate	Kbps	128, 192, 256, 320
COFDM MODULATION		
DVB processing		NIT, PID
DVB adjustments		NID, ONID, Network ID, Network name, TS ID, Program ID, Program name, PMT PID, Video PID, Audio PID
Output frequency	MHz	47 - 862 (using MD HD Soft)
Output channel	N.	5..12 - 21..69 (through display)
Output level	dB μ V	>82
Attenuation	dB	0..15
MER	dB	\geq 33
Bandwith	MHz	6, 7, 8
Constellation		QPSK, 16QAM, 64QAM
Mode		2K, 8K
FEC		1/2, 2/3, 3/4, 5/6, 6/7
Guard interval		1/4, 1/8, 1/16, 1/32
LCN		EACEM, ITC, NORDIG
RF loop	dB	-2
QAM MODULATION		
DVB processing		NIT, PID
DVB adjustments		NID, ONID, Network ID, Network name, TS ID, Program ID, Program name, PMT PID, Video PID, Audio PID
Output frequency	MHz	47 - 862 (using MD HD Soft)
Output channel	N.	5..12 - 21..69 (through display)
Output level	dB μ V	>82
Attenuation	dB	0..15
MER	dB	>36
Bandwith	MHz	6, 7, 8
Constellation		QAM 16, 32, 64, 128, 256
LCN		EACEM, ITC, NORDIG
RF loop	dB	-2
Symbol rate	kbps	Until 7000
USB		
USB Connector		.ts files Record & Play
USB Connector B type		For PC programming
GENERAL		
Mains voltage	Vdc	+5 (RF OUT step optional)
Power consumption	W	<7
Dimensions	mm	170 x 100 x 25
Weigth	kg	0,6

- Specifications and design are subject to change without notice

- The product meets the requirements of the CE marking. The declaration of conformity is available on the website www.ek.plus