

MODULATOR COFDM/QAM HD WITH HDMI LOOP

MD HD EASY LOOP

- ✓ COFDM / QAM output modulation
- ✓ Resolution up to 1080p
- ✓ Active HDMI source indication
- ✓ LOOP HDMI IN / OUT
- ✓ Excellent MER modulation quality ≥ 33 dB
- ✓ Quick menu. Easy adjustment via channel and attenuation buttons
- ✓ Easy advanced programming by PC program, MD HD SOFT



EKSELANS BY ITS

QUICK
MENU

HDMI
LOOP

★ ★ ★
MADE IN
EUROPE
★ ★ ★



MD HD EASY LOOP



CHD



HDM 90



HDM 90F



TECHNICAL INFORMATION

REFERENCE		MD HD EASY LOOP
Code		122011
Inputs		HDMI
Salida		LOOP 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, 384
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	dBμV	>82
Attenuation	dB	0..15
MER	dB	≥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	dBμV	>82
Attenuation	dB	0..15
MER	dB	>40
Bandwith	MHz	6, 7, 8
Constellation		QAM 16, 32, 64, 128, 256
LCN		EACEM, ITC, NORDIG
RF loop	dB	-2
Symbol rate	kbps	Hasta 7000
GENERAL		
Mains voltage	Vdc	+5
Power consumption	W	<5
Dimensions	mm	150 x 99 x 34
Weigth	g	215

OPTIONAL ACCESSORIES

REFERENCE	CODE	DESCRIPTION
CHD	125001	HDMI / HDMI cable 1.5 m
HDM 90	165009	HDMI male-HDMI female 90° adaptor
HDM 90F	165010	HDMI male-HDMI female 90° flat adaptor

- 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