

# 951 HOME ELECTRONICS

## DIGITAL MODULATOR HDMI DVB-T



Code : **9510070**

Model : **DMH-141**

### Description

Digital modulator designed to generate a digital terrestrial TV channel in DVB-T from one HDMI signal or from one A/V signal. Can be programmed using built-in keyboard and display.

### Applications

It modulates the audio and video signal of a satellite receiver, DVD, video or surveillance camera, in order to distribute it in the TV installation of the house. The audio and video signals are obtained from the HDMI connector for HD signals or the RCA connector for SD signals.

### Characteristics

The output channel can be selected by means of switches. Programs codified in MPEG-4. Essential features of this equipment are the high carrier to noise ratio together with a very reduced spurious level in the band. F type connector. HDMI and RCA connectors for audio/video.

<b>CODE</b>		9510070
<b>MODEL</b>		DMH-141
<b>HDMI input</b>		
Video encoding		MPEG-4 AVC/H.264
Video resolution		1920x1080_60 p, 1920x1080_50 p, 1920x1080_60 i, 1920x1080_50 i, 1280x720_60 p
Video bit rate	Mbps	0.500.. 19.500
Audio encoding	MHz	MPEG1 layer II
Audio sample rate	KHz	48
Audio bit rate	Kbps	64, 96, 128, 192, 256, 320, 384
Interface		HDMI female connector
<b>YPbPr/CVBS/S-Video input</b>		
Video encoding		MPEG-4 AVC/H.264
CVBS & S-Video resolution		720x576_50 i(PAL), 720x480_60i(NTSC)
YPbPr		1920x1080_60 i, 1920x1080_50 i, 1280x720_60 p, 1280x720_50 p
Video bit rate	Mbps	0.500.. 19.500
Audio encoding	MHz	MPEG1 layer II
Audio sample rate	KHz	48
Audio bit rate	Kbps	64, 96, 128, 192, 256, 320, 384
Interface		3xRCA female connector (YPbPr), 3xRCA female connector (CVBS), 1x MINIDIN female connector(S-Video)
<b>COFDM modulator</b>		
TV system		DVB-T
Modulation		QPSK, 16QAM, 64QAM (DVB:EN300744)
F.E.C.		1/2, 2/3, 3/4, 5/6, 7/8 (DVB:EN300744)
Guard Interval		1/32, 1/16, 1/8, 1/4 (DVB:EN300744)
MER	MHz	≥42
<b>Output RF</b>		
Output connector		F female
Frequency range	MHz	30.. 960
Frequency step	MHz	1
Bandwith	MHz	6, 7, 8
Output level	dB $\mu$ V	92
Output level adjust	dB	20
Through loss in the mixture	dB	10 $\pm$ 1
<b>General features</b>		
Data interface		USB
Power supply	V $\pm$ /mA	12 / 2000
Operating temperature	°C	0.. 45
Units per packing		1
Packing weight	Kg	1.073
Packing dimensions	mm	203x182x150