

# 951 HOME ELECTRONICS

## DIGITAL MODULATOR HDMI & USB DVB-T/C



Code : **9510073**

Model : **DMH-541**

### Description

Digital modulator designed to generate a digital terrestrial TV channel in DVB-T or DVB C from an HDMI signal or a file on a USB memory. Configurable using the built-in keyboard and display.

### Applications

Modulates the audio and video signal from a video source: satellite receiver, Blu ray player, DVD, surveillance camera or file on a USB memory in order to distribute the signal throughout the installation.

### Characteristics

It has HDMI input and loop through connectors. Compatible with SD and HD resolutions, UHD signal pass between HDMI input and loop through connector. Programs encoded in MPEG 2 or MPEG-4 AVC H.264. Audio encoder MPEG 1 Layer III, AC3, DTS or AAC. F type output connector. The output channel and the rest of the parameters are programmable through the built-in keyboard.

CODE		9510073
MODEL		DMH-541
<b>HDMI Input</b>		
Video encoding		H.264 / MPEG-2
Video interface		HDMI 2.2
Video resolution		576p / 720p / 1080p
Video bit rate	Mbp/s	5..30
Audio encoding		MPEG / AC3 / DTS / AAC
<b>RF Output</b>		
Frequency range	MHz	170..230 / 470..862
MER	dB	> 36
Output level	dB $\mu$ V	70..100
Loop pass-through	MHz	5..2.200
	dB	$\leq$ 2
<b>DVB-T</b>		
Modulation		QPSK / 16QAM / 64QAM
FEC		1/2 - 2/3 - 3/4 - 5/6 - 7/8
Guard interval		1/4 - 1/8 - 1/16 - 1/32
Mode		2K / 8K
Bandwidth	MHz	6 / 7 / 8
<b>DVB-C</b>		
Modulation		16QAM / 32QAM / 64QAM / 128QAM / 256QAM
<b>General</b>		
Power supply	Vdc	15 (External PSU)
Mains voltage	Vac	100-240 50/60Hz
Power consumption	W	4.8 Max 3.5 Energy saving mode
Dimensions	mm	193x109x39
Operating temperature	C $^{\circ}$	0..45