

Digital modulator

HDMI DVB-T/C and ISDB-T

3 different standards: DVB-T, DVB-C, ISDB-T



COFDM H.264 standard modulation

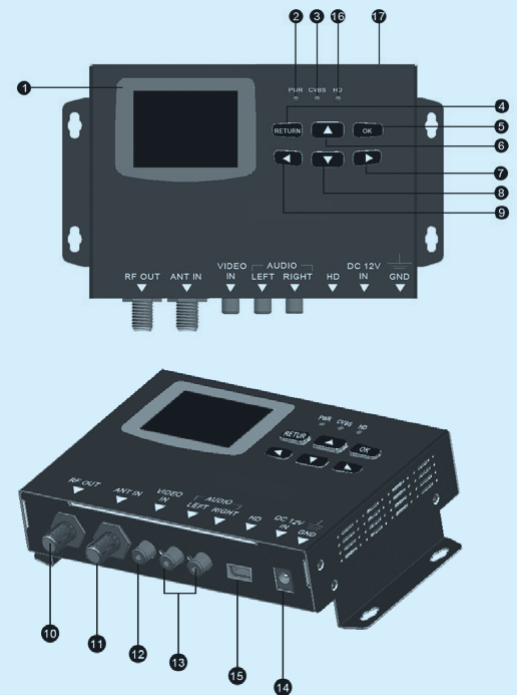
Digital modulator designed to generate a digital terrestrial TV channel in DVB-T, DVB C or ISDB-T from an HDMI signal or A/V. Configurable using the **built-in keyboard and display**.

Modulates the audio and video signal from a video source: satellite receiver, Blu-Ray© player, DVD, surveillance camera, among others, in order to distribute the signal throughout the installation.

Features

- ▶ **Video standards** compatibility: 576i(PAL) / 480i(NTSC) / 720p / 1080p
- ▶ **Frequency range:** 50-860 MHz
- ▶ **Attenuation** up to 30 dB (1 dB step)
- ▶ **2,4-inch LCD screen**
- ▶ **Light and compact**, wall-mounted option
- ▶ **Easy and intuitive** configuration

CODE		9510074
MODEL		DMH-542
HDMI Input		
Video encoding		MPEG-4 AVC/H.264
Bit rate	Mb/s	1-20
Input video resolution		1920x1080 60p
Output video resolution		1920x1080 30p
		576 i(PAL), 480i (NTSC)
RF output		
Frequency range	MHz	50-860MHz
MER	dB	> 32
Output level	dB μ V	70..100
Attenuation	dB	0-30
Output impedance	Ω	75
DVB-T		
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
Model		2K / 8K
Bandwidth	MHz	6 / 7 / 8
DVB-C		
Modulation		16QAM / 32QAM / 64QAM / 128QAM / 256QAM
Symbol rate	kbps	6875
ISDB-T		
Modulation		QPSK / 16QAM / 64QAM
Bandwidth	Mhz	6
Mode		2K/4K/8K
General		
Power supply	Vdc	12 (external power supply)
	A	1,5
Dimensions	mm	155x114x33
Operating temperature	C°	0..45
Weight	kg	0,34



PRODUCT OVERVIEW

- ① Menu display
- ② Power indicator light
- ③ CVBS indicator light
- ④ Return submenu and save settings
- ⑤ Confirm the current operation
- ⑥ Change the frequency point or cursor up
- ⑦ Switch settings in menu or cursor right
- ⑧ Change the frequency point or cursor down
- ⑨ Switch settings in menu or cursor left
- ⑩ Rf output port
- ⑪ External digital signal input port
- ⑫ Video signal input port
- ⑬ Audio signal input port
- ⑭ Connect to Adaptor Input
- ⑮ HD signal input port
- ⑯ HD indicator light
- ⑰ Software upgrade port