AV-DVB-T stand-alone modulator

• Audio/Video ▶ DVB-T

• Maximum compression quality MPEG-2 & H.264/MPEG-4 AVC

• S-VIDEO and component VIDEO input connector (Y Pb Pr, RGB) for optimum image quality.

• Video playback through USB port.

• LCN support and DVB processing.

MODEL		MAC-HOME
REF.		4488
Input		**CVBS, S-VIDEO, Y Pb Pr, RGB, USB**
Video input level (CVBS)	Vpp	0.7 … 1.4
Video standard		PAL/NTSC/SECAM/B&W
Audio input		1x mono/stereo
Audio input level (analogue)	Vpp	0.5 … 2.5
Video compression		MPEG2 MP@ML, H.264/MPEG-4 AVC MP L4.1
Video resolution		720x576, 25 fps (PAL), 720x480, 30 fps (NTSC)
Video bitrate	Mbits/s	3 - 10
Audio		MPEG1 Layer II
Audio bitrate	Kbits/s	96, 128, 160, 192, 224, 256, 320, 384
DVB Processing		
Insertion of tables		PAT, PMT, SDT, NIT
Configuration		Channel Name, SID, LCN, NID, Network Name, Provider Name, TSID, ONID, NIT MODE, LCN Private Descriptor
DVB-T output		**DVB-T according to ETSI EN 300 744**
Bandwidth	MHz	6 / 7 / 8
Number of carriers		2k (UK) / 8k (FR)
MER	dB	≥ 35
Central frequency	MHz	474 - 858
Output level	dBµV	≥ 80
Output attenuation	dB	≤ 1.5
Ajuste de nivel	dB	-25
Frequency stability	ppm	≤ ±30
Noise figure (ΔB=8MHz)	dBc	≤ -45
Loopthrough		45 MHz to 2,5 GHz
Mains voltage	VAC	230 - 240
Consumption	W	8.1
Dimensions (without connec.)	mm	210 x 114 x 32
Video input connectors		1 RCA (CVBS) ; 1 MINI DIN (S-VIDEO) , Y Pb Pr, RGB ; 1 USB
Audio input connectors		2 RCA (L and R)
Firmware interface		Included

USB PLAYER function. Create your own advertising and information channel using only your Mac Home.

The Mac-Home modulator now has a new function to create and play back videos created by users with the software supplied with the product.
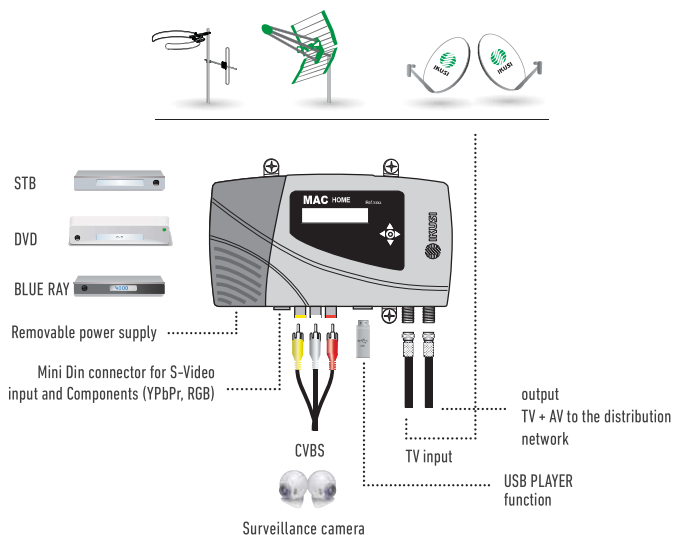
Users can create files containing images, videos and music in a simple and intuitive way, and play them on a television network such as a Service Channel (in communities of residents) or those designed for Digital Signage in countless applications, including advertising and information (hotels, restaurants, shopping centres, supermarkets, exhibition rooms, conferences, museums etc.).

After downloading and installing the "conversor-mac-installer.exe" application on their PC, users create a composition of images with audio that can be played back through the modulator's USB port.

Video and image files in the following formats are supported:

- Image: jpg, png, bmp, gif

- Video: wmv, mpg, mp4, ts, avi

- Audio: mp3

Removable power supply

STB

DVD

BLUE RAY

Removable power supply

Mini Din connector for S-Video input and Components (YPbPr, RGB)

CVBS

TV input

output TV + AV to the distribution network

USB PLAYER function

Surveillance camera

… for communities of residents an information channel on their television

… for restaurants information about daily menus, special deals, etc

… for hotels meeting rooms, exhibitions, messages, etc

… for Public Spaces advertising, user information, news, etc

… for shopping centres new collections, special deals, etc