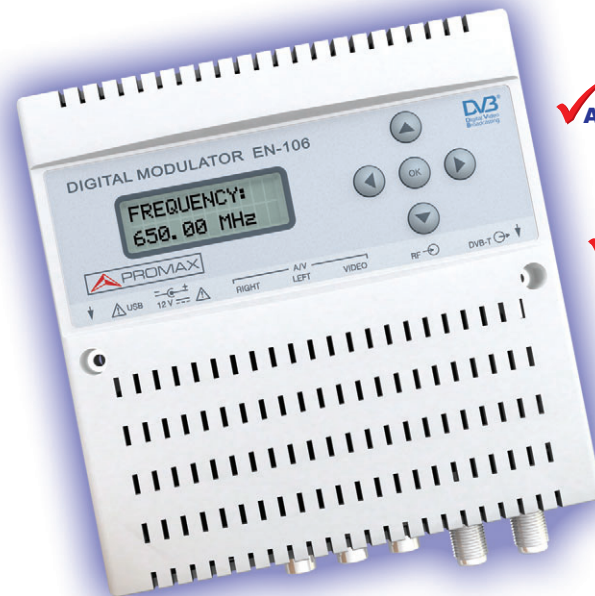**PROMAX**

EN-106

- It provides a DVB-T multiplex (Terrestrial Digital Television) in the VHF / UHF band from any audio / video source: TV satellite receivers, security cameras, video players, computer video outputs, etc.

- The selection of an output channel for the modulated signal is done easily via keyboard and display.

- Connection to PC via USB.

- RF Combiner with an antenna signal and other passive modulators works even when it is off.

- F type output connectors.

- RCA input connectors.

- Compact and small, 40 mm high.

- Stereo sound, MPEG-2 SD video.

- RF programmable output level.

- LCN programmable.

- DVB tables generation.

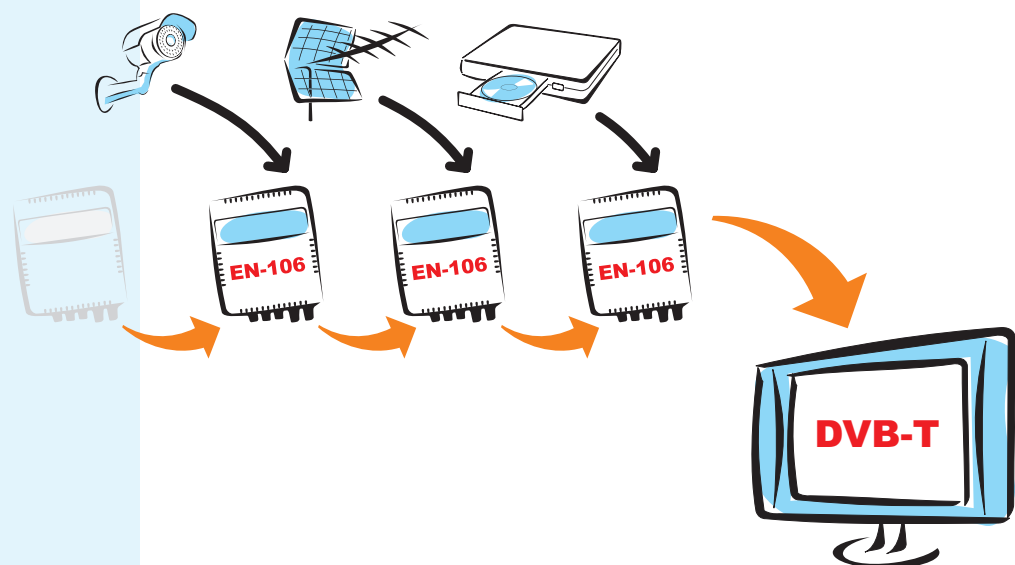✓ **Audio/Video Analogue Input**

✓ **DVB-T output**

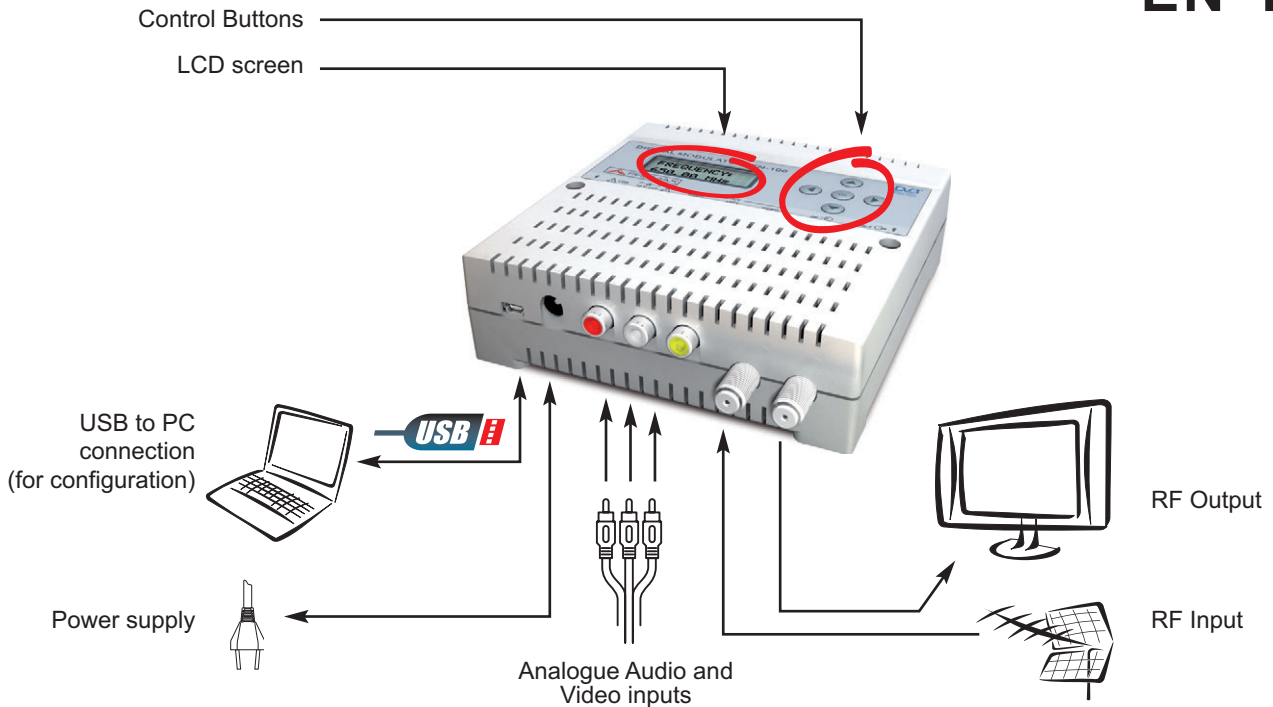✓ **Low cost Digital Distribution on DVB-T**

The **EN-106** home modulator sends audio / video signal from TV satellite receivers, closed-circuit television cameras (CCTV) or video players to a TV which uses DVB-T (Digital Terrestrial Television) standard.

Programming the EN-106 modulator is very easy through its keyboard and display. It also provides connection to the PC via USB.

The **EN-106** includes an RF combiner on which a channel modulated from existing antenna signals can be added easily. It is a passive combiner that works even if the modulator is off. It can also be used in series with other **EN-106** modulators and with any other RF signal so the number of channels in the coaxial cable on the SMATV system can be increased as desired.

EN-106

Control Buttons

LCD screen

USB to PC connection (for configuration)

Power supply

Analogue Audio and Video inputs

RF Output

RF Input

SPECIFICATIONS	EN-106 - HOME DIGITAL DVB-T MODULATOR
Inputs	
Input Channels	1
Video	Composite (CVBS) 1 Vpp
Video System	PAL / NTSC / SECAM
Audio	0.5 - 2 Vpp
Audio System	2 x Mono / Stereo
Compression	
Video	MPEG-2 MP@ML
Video Resolution	720x576, 25 fps (PAL), 720x480, 30 fps (NTSC)
Audio	From 96 to 384 kbit/s. MPEG-1 Layer II Stereo, Mono, Dual, Joint Stereo
Insertion of DVB Tables	SDT, NIT, EIT
LCN Programming	Yes
Modulation	
Standard	DVB-T (ETSI EN 300 744)
Constellation	QPSK, 16QAM, 64QAM
Bandwidth	6 MHz, 7 MHz, 8 MHz
Guard interval	1/4, 1/8, 1/16, 1/32
Code Rate	1/2, 2/3, 3/4, 5/6, 7/8
Carriers	2K, 8K
Frequency margin	From 50 to 865 MHz (channels 02 to C69)
MER	> 38 dB
Output level	80 dBµV
Attenuation	Up to 40 dB
Connections	
Video	RCA female 75 Ω
Audio	RCA female
RF	2 x F female (loopthrough) 75 Ω
Power supply	External Power supply 220 V / 12 V
Dimensions	130 mm (W.) x 145 mm (H.) x 40 mm (D.)

DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT PRIOR NOTICE. 04/13.

![PROMAX]