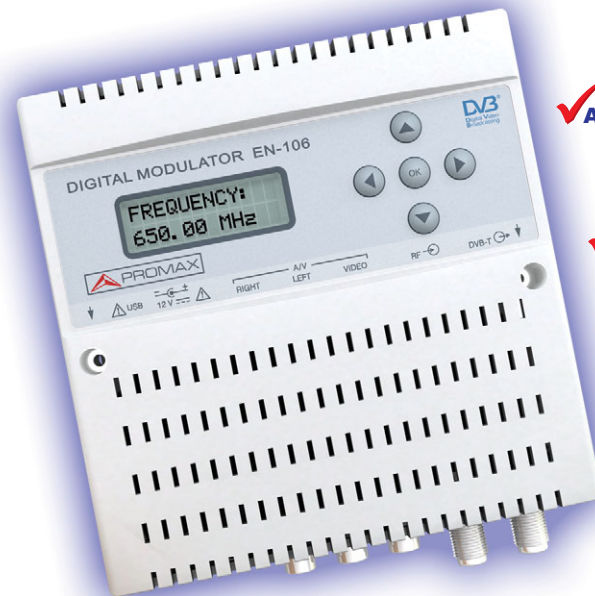


## EN-106

- 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**

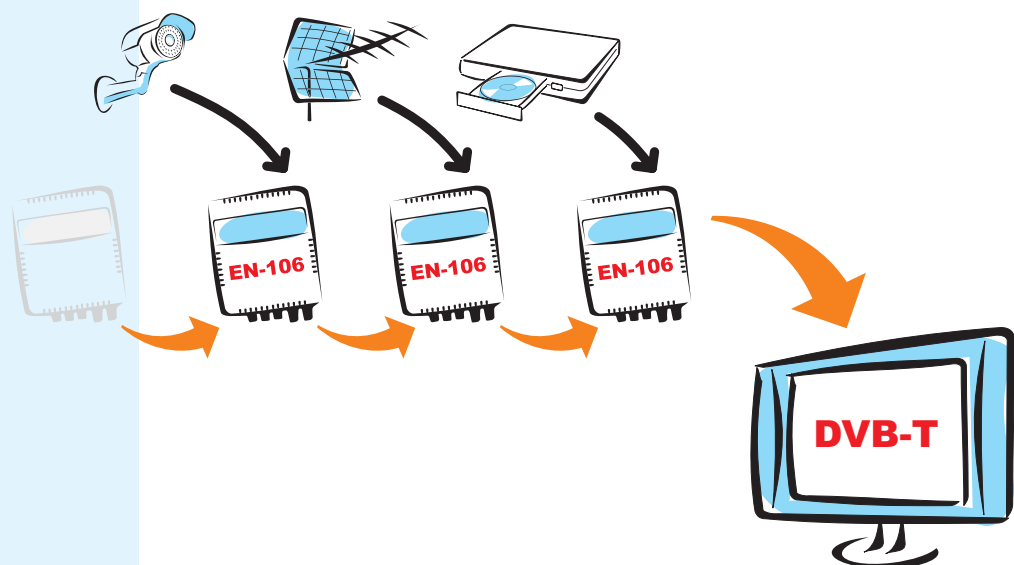
✓ **Low cost  
Digital Distribution  
on DVB-T**

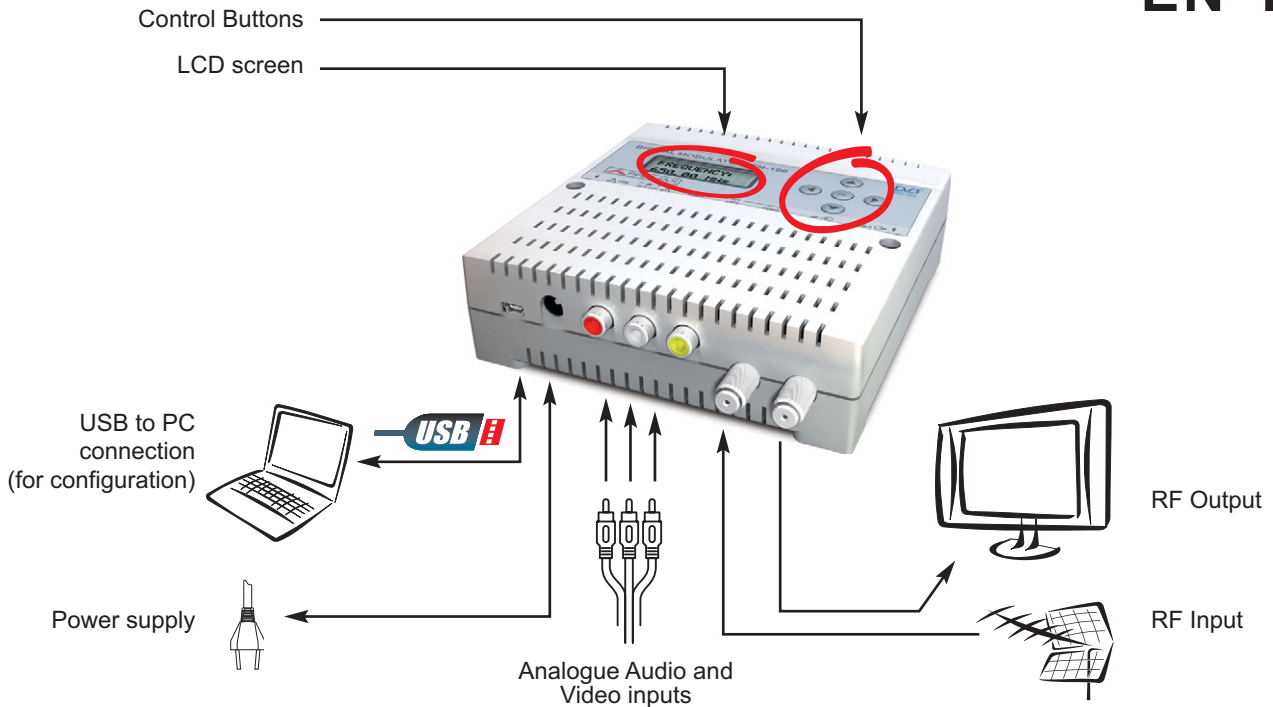
**DVB-T**

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.





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