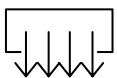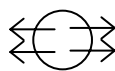# DVB-T/T2/S/S2/C ➜ DVB-T/C Transmodulator

It receives contents from 4 DVB-T/T2, DVB-S/S2 or DVB-C transponders/ muxes and broadcasts them in 4 DVB-T or DVB-C output channels.

Quad universal tuner

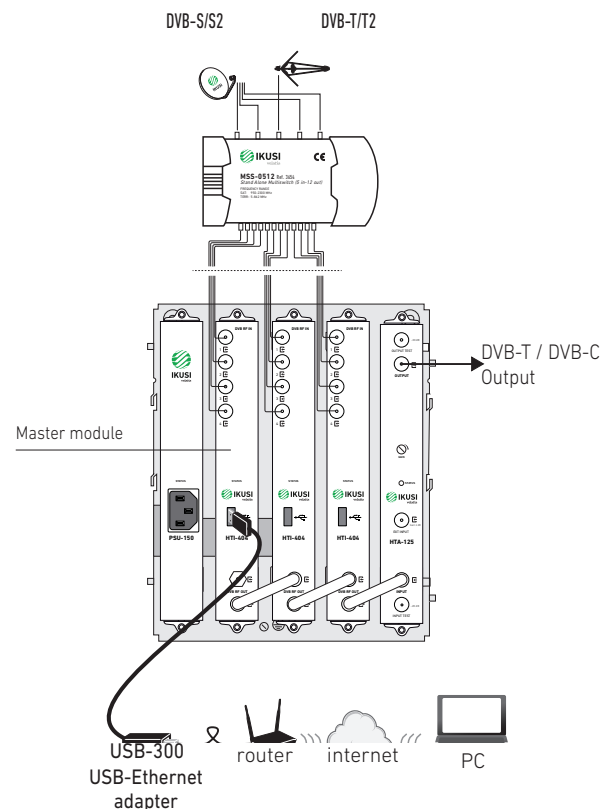Output 4 DVB-T or DVB-C selectable channels

Remote management enabled

HTI-404

MODEL		HTI-404
REF.		3864
Inputs		4
Input frequency range	MHz	DVB-T/T2 : 47-862 DVB-S/S2 : 950 - 2150 DVB-C : 47-862
Input level	dBµV	40 - 92
Symbol rate	MS/s	DVB-S: 1...45 DVB-S2: 1... 45 DVB-C: 1... 6.952
Maximum input current		100mA in 2,3 and 4 connectors. 250mA in 1 connector
Fitted with DiSEqC (v. 1.1)		No limit on number of polarities
TS Procesing		
PSI/SI adaptation		Generating and inserting tables PAT, PMT, CAT, SDT, BAT, NIT, TDT, TOT, EIT
NIT adaptation		Yes (automatically generated)
SDT adaptation		Yes (configurable input name)
LCN, TDT, TOT management		Yes
Cloned services		Yes, from any input to any output
Outputs		
Number of outputs		4 channels DVB-T / DVB-C (47 - 862 MHz)
MER	dB	> 40
Output level	dBµV	85
Maximum output bit rate DVB-T	Mbps	31.7
Operation modes DVB-T		2K / 8K
Output bandwidth DVB-T	MHz	6 / 7 / 8
Modulation formats DVB-C		16 QAM / 32 QAM / 64 QAM /128 QAM / 256 QAM
Maximum output bit rate DVB-C	Mbps	53
Adjustable output level	dB	-15
Symbol rate DVB-C	MS/s	3 ... 7.2
Output loop-through loss	dB	1.1
General		
Configuration		PC. Interface web Ikusi Headend Discovery (v1.8.5)
Management interface		USB 2.0 Host frontal
Supply voltage	VDC	+24
Operating temperature	ºC	0... +45
Consumption	A	0.67
Dimensions	mm	230 x 195 x 32

- Versatile transmodulation of DVB-T/T2, DVB-S/S2 and DVB-C channels to DVB-T/DVB-C channels.

- The HTI-404 module can receive 4 DVB-T/T2, DVB-S/S2 or DVB-C muxes and broadcasts them in 4 DVB-T or DVB-C output channels.

- One module acts as the "master" to ensure the configuration (remote or local through PC) is carried out at the complete headend level, through the IKUNET bus and not module by module.

- It allows a future increase in services to be foreseen in order for the televisions to have them already on their lists, avoiding the need for retuning.

- It allows a video service to be sent with several different languages without taking up more space than that corresponding to an RF channel. The television shows "a programme" for each language, avoiding the need for users to have to choose their "language" on the television remote control.

- It is compatible with the PC application: "IKUSI HEADEND DISCOVERY" This instrument provides installers with a tool that allows them to detect the headend's modules without having to modify the PC's network configuration.

  (This can be downloaded from www.ikusi.tv).

- It allows channel lineups to be created and managed remotely, ensuring that the lineup is completely customisable without having to work in-situ.

- The four DVB-T/C output channels can be distributed onto any part of the band.

- Total control of the multiswitch. Fitted with DiSEqC.

- USB-300 to ethernet adapter for local or remote configuration.

Application example

DVB-S/S2   DVB-T/T2

Master module

DVB-T / DVB-C Output

USB-300 USB-Ethernet adapter   router   internet   PC