

Unit which receives 2x DVB-S/S2 signal and re-modulates it to 2x DVB-T/DVB-C signal.
Grid control and configuration with large numbers of channels without the need to retune TV sets.



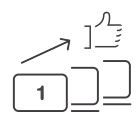
Add new services without re-scanning TV sets



Select your RF output modulation standard



Generates 1 TV channel for each available language



Extremely easy configuration using a wizard

Model			HTL-ST2
Ref.		3858	
Input			
Standard		EN 300 421 DVB-S EN 302 307 DVB-S2	
N° of inputs		2 polarities or 1 polarity + Loophthrough	
Frequency band		MHz	950 - 2150
Fitted with DiSEqC (v. 1.08)			No limit on number of polarities. Can use more satellites and remotely change the required channels
Max n° of decrypted programmes			Variable (depending on CAM)
Input level		dBµV	44 ... 84 (DVB-S2) 39 ... 84 (DVB-S)
Input loop gain		dB	0 (±1)
AFC pull-in range		MHz	±5
Input Symbol rate	DVB-S DVB-S2	MS/s	2 ... 45 8 ... 45
TS Processing			
PSI/SI adaptation		Generating and inserting tables PAT, PMT, CAT, SDT, NIT, TOT and BAT	
NIT adaptation		Yes (generated automatically)	
SDT adaptation		Yes (configurable name input)	
TS monitoring		Yes	
Processing LCN, TDT, TOT		Yes	
Output			
N° of outputs			2 DVB-T ; DVB-C
Frequency band		MHz	DVB-T: 470 - 862 DVB-C: 302 - 446 / 470 - 862
Operation modes			2K ; 8K
MER		dB	> 40
Output level		dBµV	80
Adjustable output level		dB	-15
Modulation formats			DVB-T: QPSK ; 16QAM ; 64QAM DVB-C: 16QAM ; 32QAM ; 64QAM ; 128QAM ; 256QAM
Code ratio			1/2 , 2/3 , 3/4 , 5/6 , 7/8
Guard interval			1/4 , 1/8 , 1/16 , 1/32
Output bandwidth		MHz	6 / 7 / 8
Output loop step attenuation		dB	1.1
Symbol rate DVB-C		MS/s	7.2 max
Frequency stability		ppm	≤ ±30
General			
Configuration			PC. Web, Ikusi Headend Discovery
Firmware upgrade			Web interface
Supply voltage		VDC	+12
Consumption		A	1.6 (no CAM)
Operation temperature		°C	0 ... +45
Common interface			1 slot (EN50221)
IKUNET Bus Connector			2x RJ45
Dimensions		mm	230 x 195 x 32

HTL-ST2 is a product which is designed given the increasing need for complex channel grids in hotels, with multiple inputs which increase the density of channels handled by each module.

The module input connection is software configurable ("2 input" or "1 input+loop") and is equipped with DiSEqC function, meaning each module can be tuned at two satellite frequencies with different polarities. Each transmodulator includes a Web server.

- Pre-reserve channels: Envisages a future increase in channels, meaning the television sets have them in their lists and do not need to be retuned in the future.

- Separation audios: Sends a video service with several different languages or audios using the same space as for an RF channel. The television present "a programme" for each language, avoiding the need for the user to choose "language" with the remote control.

- The flexible output allows you to select either DVB-T or DVB-C modulation standard.

The HTL-ST2 transmodulator is compatible with the application for PC:

"IKUSI HEADEND DISCOVERY" (can be downloaded from <http://customerarea.ikusi.tv>).

This tool allows the installer to detect the headend modules without having to modify the PC network card.

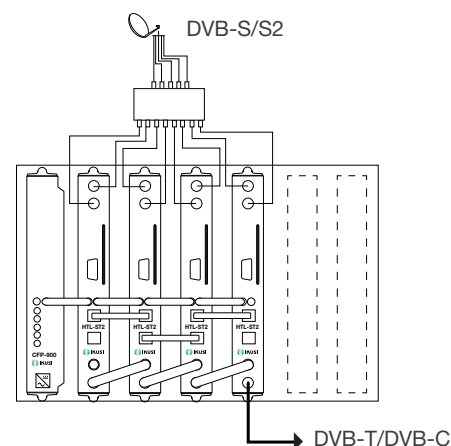
The HTL-ST2 headend can be used to create channel grids and manage them remotely, providing a fully customisable grid without the need for on-site intervention.

Used to manage multiple headends from a single point for efficient maintenance.

- Independent output channels: The two COFDM channels can be distributed in any part of the 51-858 MHz band.

- The step-by-step Wizard can be used to quickly and straightforwardly configure the headend.

- Total control multiswitch. Combines with greater availability of channels and satellites, without having to physically interact with the headernd.



HTL-ST2 headend for 8 digital satellite TV transponders.

The installation contains: 4 HTL-ST2 and 1 CFP-900 feeder in a SMR-601 rack mount and 1 multiswitch.