

HTL-ST2

ClassA
Transmodulator advanced
for hospitality

Unit which receives 2x DVB-S/S2 signal and re-modulates it to 2x DVB-T 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.



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	dBm	-65...-25 (DVB-S) -70...-25 (DVB-S2)	
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		
Frequency band	MHz	51 - 858	
Operation modes	2K ; 8K		
MER	dB	> 40	
Output level	dBµV	80	
Adjustable output level	dB	-15	
Modulation formats	QPSK ; 16QAM ; 64QAM		
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	
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 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.

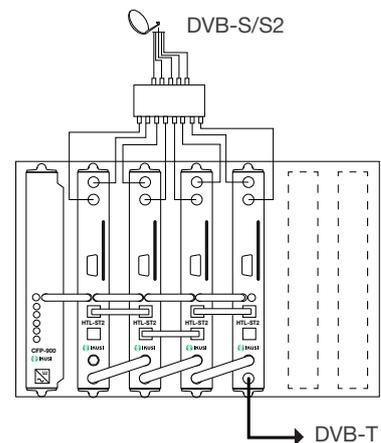
The **HTL-ST2** headend can be used to create channel grids and manage them remotely, providing a fully customisable grid without the need for on-site intervention.

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.



HEADQUARTERS

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