

HD ENCODERS MODULATORS

TMZ160HD - TMZ170HD - TMZ172HD

TMZ2HD - TMZ4KL



- 1 or 2 inputs
- OLED and joystick interface for easy programming / Programming by PC
- Models with HDMI loop
- Models with USB input for playing/saving .ts files with calendar
- Models with 4K inputs and 4K HDMI loop
- All modulators have COFDM/QAM output
- Made in Belgium

TMZ2HD



SUMMARY OF FEATURES

REFERENCE	Number of inputs	HDMI LOOP	4K LOOP	USB RECORD AND PLAY	with TIMETABLE
TMZ160HD	1	NO	-	NO	-
TMZ170HD	1	YES	NO	NO	-
TMZ172HD	1	YES	NO	YES	YES
TMZ2HD	2	NO	-	YES	YES
TMZ4KL	1	YES	YES	NO	-

TMZ160HD



TMZ170HD



TMZ172HD



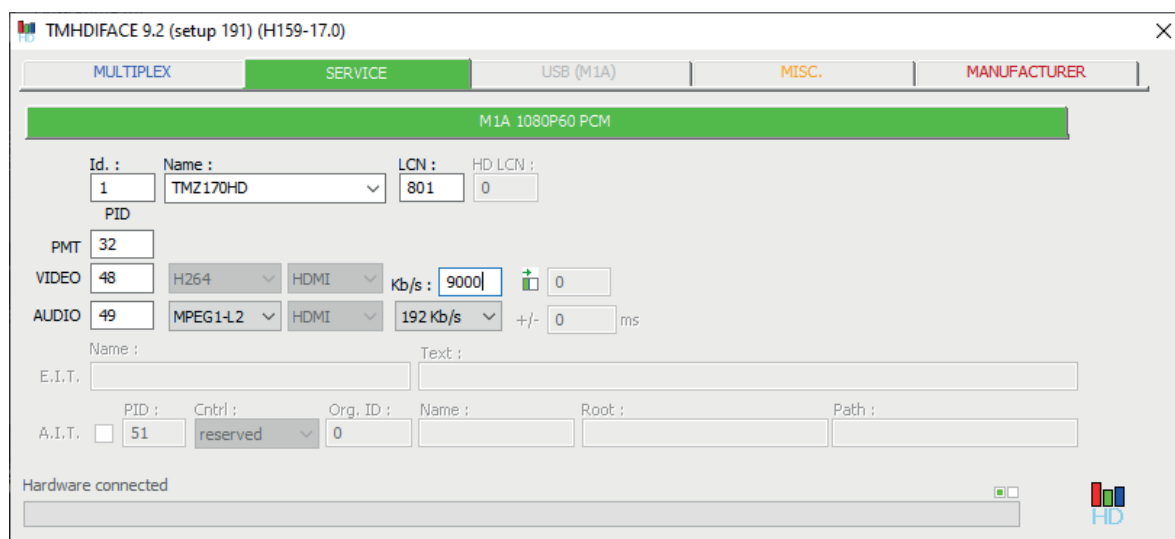
TMZ4KL



TECHNICAL SPECIFICATIONS :

REFERENCE		TMZ160HD	TMZ170HD	TMZ172HD	TMZ2HD	TMZ4KL
Number of inputs		1			2	1
Video input	Input	HDMI				HDMI 2.0 compatible format HDCP 2.2 conforms to norm HDMI 1.4
	Resolutions	480P - 576P - 720P -1080i - 1080P				480i@60Hz, 480p@60Hz, 576i@50Hz, 720p@50/60Hz, 1080p@50/60Hz, 1080i@50/60Hz, 4Kx2K@24/30/50Hz
	Compression	H.264 – bitrate 5-15 Mb/s				
Audio input	Input	HDMI				
	Audio Rate	HDMI (32kHz / 44.1 kHz / 48 kHz)				
	Compression	AAC-LC / MPEG1-L2 – bitrate 128-320 Kb/s				
DVB Processing	Supported tables	PAT, PMT, SDT, NIT				
	Configuration	Channel/network name, SID, LCN, TSID, ONID, NID, versions, audio, video PIDs.....				
DVBT output	Frequency/ level	170-230 MHz + 470-862 MHz / > 82 dBμV				
	Constellation, FEC	QPSK/16QAM/64QAM - 1/2, 2/3, 3/4, 5/6, 7/8				
	Guard interval	1/4, 1/8, 1/16, 1/32				
	FFT Mode - MER	2K - > 34 dB				
DVBC output	Frequency / level	110-862 MHz / > 82 dBμV				
	Constellation - MER	QAM 16, 32, 64, 128, 256 / MER > 39 dB				
RF output level	dBμV	> 82	> 82	> 82		> 82
Bypass loss		typ 4 dB	typ. 4 dB	typ. 4 dB	typ. 1 dB	typ. 4 dB
Power supply	included	+ 5V / DC - 2.1 mm connector				
Current consumption		< 0.6A	< 0.6A	< 0.6A	< 1A	< 1A
Dimensions (mm)		163 x 100 x 50	163 x 100 x 50	163 x 100 x 50	173 x 110 x 30	163 x 100 x 50

TMHDIFACE SNAPSHOT



*Les caractéristiques techniques, descriptions et photographies peuvent changer sans préavis.

*Les produits sont conformes aux exigences du marquage CE. La déclaration de conformité est disponible sous simple demande.