

TDH 814 - AV frontend encoder module

The AV encoder module converts analog video (CVBS) and audio signals from a set top box, a DVD player, a camera or other sources, into a MPEG2 or MPEG4 data stream. This data stream is then available in the TDH 800 pool and can be sent out on all TDH 800 output modules. Teletext and WSS in the analog signal are also converted into the MPEG2/4 stream.

When configuring your system, it is optional in which slots you place the AV input modules in the input section. A 15pol Sub-D / 3xRCA cable used to connect the source to the AV module is also available.

- Composite video input
- Stereo Audio input
- Teletext supported
- Colour standards: PAL, SECAM, NTSC
- Constant bit rate up to 10 Mb/s
- Selectable encoder output bandwidth (TDH 800-GUI)
- Remote update via TDH 800 system interface

Technical data: - see next page



AV frontend encoder module
(Video/Audio stereo modulator)



TDH 814

AV encoder module

- PAL/Secam



Technical data

Type:		TDH 814 AV frontend encoder module (Video/Audio stereo modulator)
Art. no.		692880
Video input		1 x AV-signal
Audio/Video input connector		15 pol high density sub-D
Video level	Vpp	1.0
Video impedance	Ohm	75
Video S/N ratio	dB	> 53
Video input colour standards		PAL, Secam, NTSC
Return loss	dB	> 26
Physical interface		CVBS
Scan resolution	p	525, 625
VBI data slicer		Teletext
Accepted input aspect ratio		4:3, 16:9
Audio input		
Audio input level	Vpp	< 2.4
Audio impedance	kOhm	10 ±1
S/N ratio	dB	> 55
Input frequency range (- 3 dB)	Hz	50-20.000
Max. harmonic distortion	%	< 1.0
Audio bitrate, fixed	kB	192
Output		
Output format		Serial MPEG transport stream (LVDS)
Embedded audio - AAC, 48 kHz/MPEG2 (L1)		Stereo
Video codec		MPEG-2, MPEG-4
Video codec settings (CBR)	Mbps	1, 2, 2.5, 3, 4, 5, 6, 7, 8, 9, 10
Mechanical data		
Audio/Video input connector		D-Sub type 15p HD (DE15)
Working temperature	°C	-10 to +50
Weight (kg)	kg	0.5
Dimension (HxDxW)	mm	29 x 126 x 53
Remarks		15pol Sub-D/3xRCA cable - art. no. 300745 - length: 1.5 meter

Recycling:

This product is manufactured in compliance with current EU environmental and recycling requirements and standards (WEEE, RoHS, etc.). Please observe your local implementation and requirements when recycling.

