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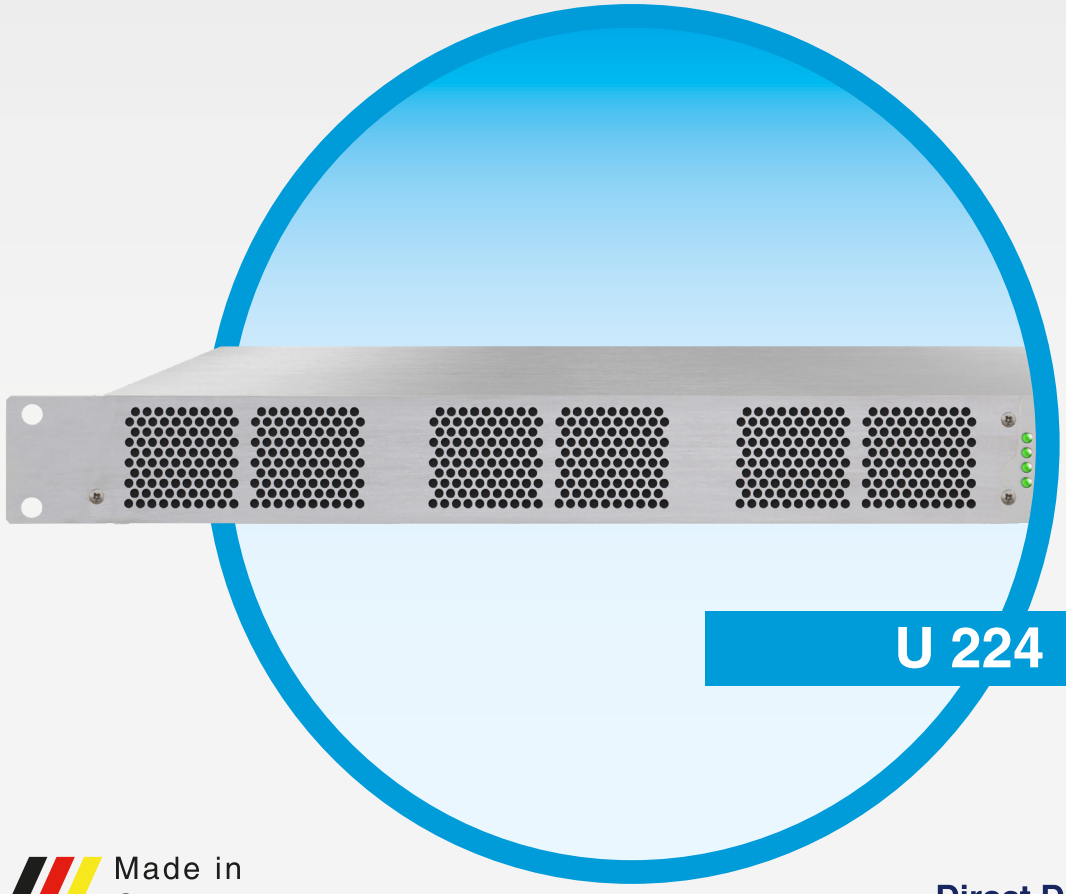
GOING FUTURE TODAY.

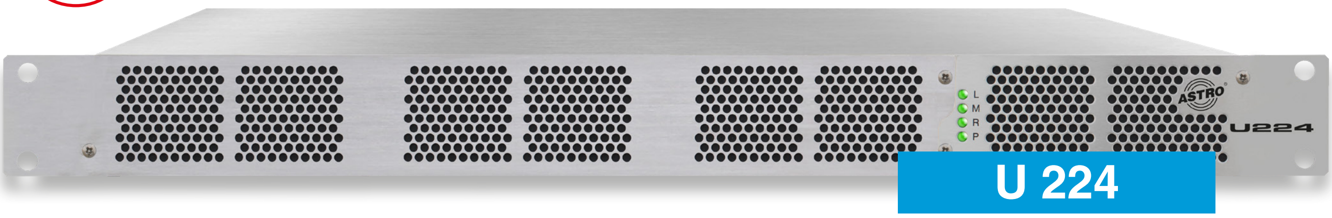
24 Channel IP to PAL Transcoder



Made in Germany

Direct Digital DD by ASTRO

- processing of up to 24 IP multicast groups of a Gigabit Ethernet MPEG TS into up to 24 standard PAL, NTSC or SECAM TV programs
- MPTS or SPTS inputs
- redundant power supply
- redundant data and management ports
- high density
- AC and DC version available
- user friendly configuration via webbrowser



Rear side, AC version:

Rear side, DC version:

Type		U 224-230	U 224-48
Order number		380 227	380 228
EAN-Code		4026187194635	4026187194727
Network interfaces (passive routing to U 1xx)			
Management		3 x 100 Base-T Ethernet (RJ 45)	
Data		3 x 1000 Base-T Ethernet (RJ 45)	
Protocol		IEEE802.3 Ethernet, RTP, ARP, IPv4, TCP/UDP, HTTP, SNTP, IGMPv3	
Transport stream editing			
TS Decapsulation		UDP, UDP / RTP, 1-7 packets, FEC, SPTS, MPTS	
Packet length	[Bytes]	188 / 204	
Decoding			
Video		H.264/AVC Level 4.1 HP, MPEG-2 MP@HL	
Audio		MPEG-1/2 Layer 1/2, (HE-)AAC, AC-3*	
Data		Teletext, VPS, WSS, Teletext subtitles, DVB Subtitling	
PAL modulator			
Number of channels		up to 24	
Connectors	[Ω]	75, F-jack	
Frequency range	[MHz]	47 - 862, digital modulation	
Output level	[dBµV]	maximum 104	
Return loss	[dB]	≥ 14	
Spurious frequency dist.	[dB]	≥ 60	
Stereo cross talk	[dB]	> 55	
Residual carrier accuracy	[%]	1	
TV standard		PAL B/G, D/K, M, N, SECAM, SECAM L, A2/NICAM, NTSC mono	
Audio standard		A 2, A 2+, A 2-, Nicam	
Video-signal to noise ratio	[dB]	≥ 60	
Common data			
Input voltage	[V]	100 - 240 (50 / 60 Hz)	- 40...- 60 DC
Input power consumption	[W / VA]	130 (@ 2 redundant power supply units)	113 @ 48 V
Dimensions		1 HU, 19 inch	
Ambient temperature	[°C]	0 ... +45	

*) AC-3 is only supported by U 224-230 AC-3 (Order number 380 230) and U 224-48 AC-3 (Order number 380 229)

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