

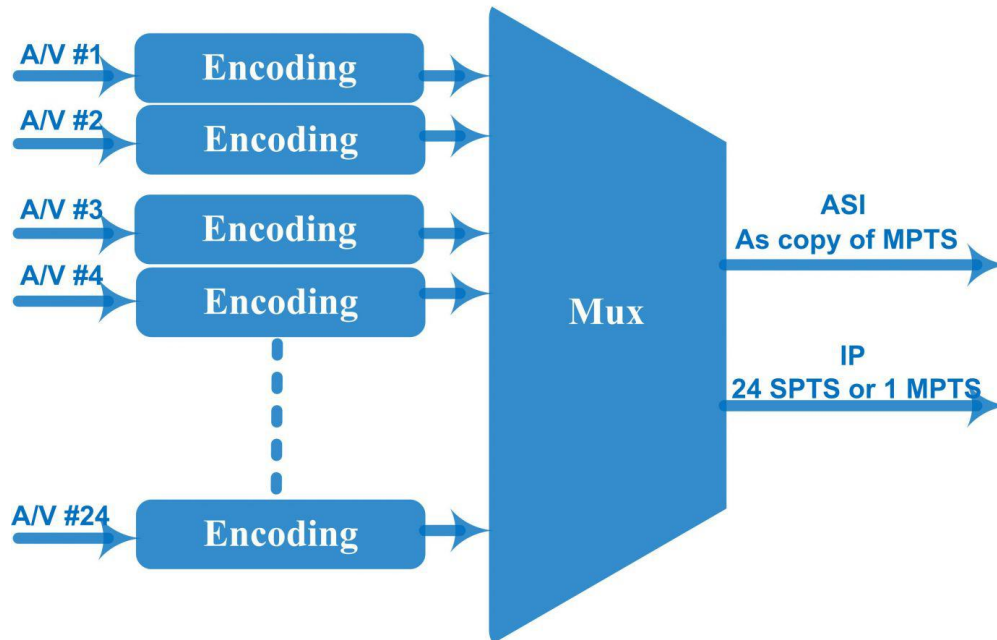
# HP724LX 24 in 1 SD IP MPEG2 Encoder



## Outline

HP724LX 24 in 1 SD MPEG2 Encoder is a professional SD audio & video encoding and multiplexing device with powerful functionality. It support 24 CVBS input, supporting MPEG2 encoding. This device can simultaneously encode 24 channel SD programs; moreover, it has an ASI input and can multiplex the input TS with the 24 encoded SPTS to generate a MPTS output. Also, the PSI/SI information can be inserted into SPTS output. In conclusion, its high integrated and cost effective design makes the device widely used in varieties of digital distribution systems such as CATV digital head-end, satellite and terrestrial digital TV, etc.

## Principle Chart



## Specifications

Input	24 RCA inputs (12 VGA ports)	
	24 pairs of unbalanced stereo audio input, BNC interface	
	2×ASI input, BNC interface	
Video	Resolution	720×480_60i, 720×576_50i(D1)
		544×480_60i, 544×576_50i(3/4D1)
		352×480_60i, 352×576_50i(HD1)
		480×480_60i, 480×576_50i(2/3D1)
	Encoding	MPEG-2 MP@ML
	Bit-rate	0.8Mbps~19Mbps (each channel)
	Rate Control	CBR/VBR
GOP Structure	IBBP	
Advanced Pretreatment	De-interlacing, noise reduction, sharpening	
Audio	Encoding	MPEG-1 Layer 2
	Sampling rate	48KHz,44.1KHz,32KHz
	Resolution	24-bit
	Bit-rate	64Kb/s~384Kb/s each channel
Multiplexing	Multiplex 1ASI input and 8 channels SD encoding programs	

Stream output		2×ASI outputs, BNC interface(support PID filter and pass, support real time monitoring of the output stream.
		IP out 24 SPTS,support IP out null packets filter
System function		LCD/keyboard operating, network management(SNMP), English control interface
		Ethernet software upgrade
General	Dimensions (W×D×H)	482mm×455mm×44.5mm
	Approx weight	3.2
	Temperature range	0~45℃(Operating), -20~80℃(Storage)
	Power Requirements	AC 110V±10%, 50/60Hz or AC 220V±10%, 50/60Hz
	Power consumption	25W