



NDS3202A

Audio Encoder



Outline

NDS3202A is a professional audio encoding device with two stereo channels. It supports the analog balanced audio (XLR interfaces) and AES/EBU digital audio (XLR interfaces), one ASI input for multiplexing, two independent ASI output interfaces and one gigabit port for IP output. Its high compatibility and excellent encoding quality makes this device widely used in the digital broadcasting system.

Features

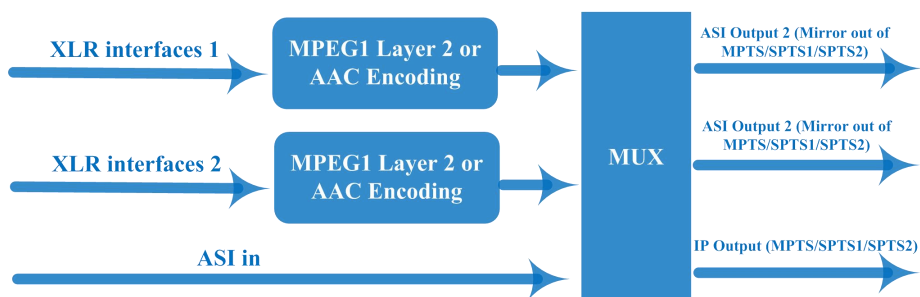
- **2 audio encoding**
- **MPEG1 Layer 2 and AAC encoding**
- **Support left, right, stereo encoding (AAC is only for stereo)**
- **Adjustable Audio Gain: -12~+12 dB**
- **Support Analog balanced audio inputs**
- **Support AES/EBU digital audio inputs**
- **Support one ASI input for multiplexing**
- **Support 2 independent ASI outputs, BNC interface(Mirror out of MPTS/SPTS1/SPTS2)**
- **IP output over UDP/RTP protocol (unicast/multicast)**
- **LCD / keyboard, Web GUI management**
- **Dual power supply (hot-plugging) and Single power supply are optional**



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Address: No. 10 & No. 12, Wuxing Fourth Road, Wuhou District, Chengdu 610045, Sichuan, P.R. China
www.dsdvb.com/English Tel: +86-028-85558928 Fax: +86-028-85585255 Email: sunyu@dsdvb.com

Principle Chart



Specifications

Input	Analog balanced audio, XLR interfaces	
	AES / EBU digital audio, XLR interface	
	1*ASI input, BNC interface	
Encoding	Encoding	MPEG1 Layer 2, AAC
	Sample rate	48KHz
	Sample accuracy	16bit
	Bit-rate	64/96/128/192/256/320/384kbps
	Sound Track	left, right, stereo (AAC is only for stereo)
Multiplexing	Maximum PID Number	64
Output	2 independent ASI outputs, BNC interface (Mirror out of MPTS/SPTS1/SPTS2)	
	IP output over UDP/RTP protocol, 100M/1000M Self-adaptive rj45 interface (unicast / multicast)	
System function	LCD/keyboard, Web GUI management	
	Chinese and English language	
	Ethernet software upgrade	
General	Dimensions (W×D×H)	482mm×350mm×44mm
	Temperature range	0~45°C (operation), -20~80°C (storage)
	Power Requirements	AC 110V±10%,50/60Hz AC 220V±10%,50/60Hz
	Power Consumption	<15W
	Weight	About 3.2kg