

**L7** LINEAR ACOUSTIC

Power Supply



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对PCM或杜比E输入信号进行杜比数字/数字+编码或转码  
支持AES和SDI输入输出，双冗余电源和SNMP监测

**LA-5269**

杜比®数字/数字+转码器

**Dolby® Digital/Plus**  
Model LA-5269

Linear Acoustic LA-5269 是顶级的电视音频转码解决方案。这部杜比数字/杜比数字+转码器，可以对电视台广泛应用的多种声道音频格式进行编码、解码和转码处理，将丰富功能和高度模块化设计集于1RU机身。



标配编码模式:

- 5.1 + 2.0杜比数字(AC-3)
- 由PCM或AC-3转码5.1声道杜比数字+

选件:

- 杜比E转码杜比数字/杜比数字+

# LA-5269



LA-5269提供实现简单、稳定编码和转码的所有必要功能于一身。支持帧同步AES输入，SDI或AES-II（DARS）参考，以及内部或外部串行音频元数据。编码过程是通过由杜比制造的编码器模块完成，支持更新最新的编码版本，确保极佳的声音品质输出。

可选功能可通过软件升级添加，实现对更多编码或转码格式的支持。

LA-5269提供给用户一个高性价比的音频转码平台，新的功能升级无需更换硬件。任何时候都可通过软件升级添加新的功能或编码格式，使用户真正实现按需定制。

音频元数据可通过串行RS-485，或符合SMPTE 2020规范的HD-SDI VANC辅助数据区输入。元数据与视频帧同步，并配有自动纠错技术，确保编码码流无可闻失真。



除了功能全面的编码、解码和转码功能之外，LA-5269更可选配SNMP监测。

清晰明亮的LED显示屏、大旋钮和四个控制键，使用户可以方便地浏览菜单并调节各项功能。外部编码器输入配有帧同步，可以在不同杜比数字码流上实现无缝切换和平滑输出，无需外部AC-3帧同步器。

LA-5269标配双医疗级冗余电源，音频和元数据信号的断电旁路，确保关键传输任务安全稳定运行。

# LA-5269 Specifications:

## AES Inputs and Outputs

All connectors are 75-Ohm BNC female; Four main inputs with 75-Ohm internal termination; Four main outputs; 48kHz AES DARS reference input and passive loop out; Bypass input and encoder output; Signal levels per SMPTE 276M/AES-31D-2001

## Supported CODECs

- Dolby Digital (AC-3) Encode from PCM or Dolby E
- Dolby Digital Plus (E-AC-3) Encode from PCM or Dolby E; Transcode from AC-3

## Latency

137 msec for Dolby Digital (AC-3) and Dolby Digital Plus (E-AC-3) encode -99/120 msec for Dolby E decode (NTSC/PAL)

## SerialMetadata Input

9-pin female D connector; 115 kbps, pinout per SMPTE 207M (RS-485); protocol per SMPTE RDD6 metadata specification and is Dolby compliant

## HD/SD-SDI (SMPTE 292M/259M)

De-embedding, processing, and re-embedding of 16 channel audio from applied HD-SDI signal. 75-Ohm BNC female connectors. Signal levels per SMPTE 292M/259M. Supports SMPTE 2020 A and B VANC metadata. Up to 1080i/60/59.94/50Hz supported.

## GPIO Control Port

9-pin female D connector; 0-5V TTL levels

## Power Requirements

Dual 100-264 VAC, auto-sensing, 50/60Hz, 35 W total maximum

## Dimensions and Weight

One rack unit- 1.75"H x 19"W x 12.5"D (44 x 483 x 318 mm) Net weight: 6 lbs (2.72 kg), approximate; Shipping weight: 8 lbs (3.63 kg), approximate.

## Environmental

Convection cooled. Operating: 0 to 50 degrees C, non-operating -20 to 70 degrees C.

## Regulatory

North America: Tested to comply with the limits for a class A digital device pursuant to Part 15 of the FCC rules (CFR). Power supplies are UL tested and approved.

Europe: Tested to comply with the requirements of harmonised Low Voltage Directive 2006/95/EC and EMC Directive 2004/108/EC as indicated by the affixed CE marking; RoHS and WEEE compliant.

## Warranty

Standard Linear Acoustic two-year limited parts and labor warranty.

## OPTIONS:

Option - 01 - Dolby E decoding

Option - 04 - SNMP status monitoring

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