



立体声响度控制，标配SDI，AES，模拟输入输出端口
可选配ITU-R BS.1770响度表，备份电源和SNMP

AERO.lite 响度控制器



AERO.lite™是符合ITU-R BS.1770标准，CALM法案和EBU R-128建议要求的高性价比产品。为您管理不一致的节目响度提供简单便捷的解决方案。该产品采用荣获艾美奖（Emmy® Award）的实时响度处理算法，配以符合ITU标准的响度表，并提供丰富的输入输出接口。AERO.lite在根据频道特性进行一次简单设置后便可长期使用，是单声道或立体声音频节目主备传输通路上的理想设备。



与其他LA音频处理器一样，AERO.lite可使用标准预设简化设备配置过程，方便的实现响度和动态范围控制，处理核心采用基于输入音频自适应、前瞻式全频带或多频带处理算法。

AERO.lite功能列表:

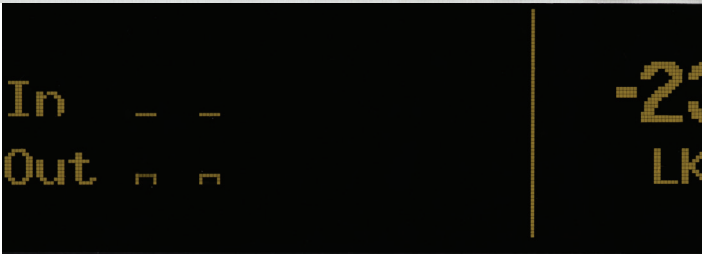
- 输入输出信号显示
- HD/SD-SDI输入输出
- AES输入输出（带同步参考输入）
- +4dBu模拟输入输出
- 耳机输出
- 内置音频路由与采样转换
- GPI/O报警与控制
- ITU-R BS.1770响度表（选件）
- 备份冗余电源
- 以太网与SNMP（选件）

响度控制器



前面板显示输入输出信号电平和符合ITU-R BS.1770标准的输出响度值（LKFS），可立即获知当前频道播出的响度值。

音频源可从任意HD/SD-SDI，AES或平衡模拟接口输入。输出同步送至前面板耳机接口和+4dBu平衡模拟输出，AES输出和任意一对或多对SDI嵌入输出端口。模拟或AES输入也可在不进行处理的情况下嵌入SDI信号。AERO.lite对SDI中全部16个音频通道都可进行加解嵌操作，实现音频路由与声道变换非常简便。



AERO.lite设计制造全部在美国完成，能够满足各项专业级广播设备的苛刻要求。轻量级铝制1RU机身坚固耐用，可用于任何艰苦环境，包括转播车或各种临时制播场所。

明亮的橙黄色OLED显示屏和“Joystick”式操纵杆可方便直观的进行菜单浏览和功能调节。全部输入输出端口硬件断电旁通，保障播出安全。自适应电源模块符合中国标准，还可提供全密封，带锁紧装置的2.5mm直流输入接口的备份冗余电源。

Linear Acoustic为AERO.lite提供世界级的专业化服务，技术支持只需一通电话，服务到家。



AERO-lite Specifications:

Processing

Linear Acoustic AEROMAX[®] multistage adaptive wideband and multiband loudness and dynamic range control

Sample Rate/Resolution/Frequency Response

48kHz, 24-bit, 20Hz to 20kHz below threshold

AES I/O

All connectors are 75-Ohm BNC female; Main inputs with 75-Ohm internal termination; Signal levels per SMPTE 276M/AES-31D-2001

SDI I/O

Auto-sensing HD/SD-SDI (SMPTE 292M/259M) inputs, up to 1080i/60/59.94/50Hz, access to all 16 audio channels.

Analogue I/O

10K Ohm balanced XLR female stereo inputs, +4dBu nominal, +24dBu Max.; Balanced XLR male outputs, +4dBu nominal, +24dBu Max into 600 Ohms.

Parallel GPI/O Control Port

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

Front Panel Controls and Indicators

Rotary navigation cluster plus graphical OLED display

Headphone Output

6.3mm front panel connector, +12 dBu max into 600-Ohms

Power Requirements

90-264 VAC, 50/60Hz, auto-sensing, 35W maximum; Backup redundant DC Input 12VDC, 2.5A maximum via 2.5mm sealed, locking connector with protective cover

Dimensions and Weight

One rack unit- 1.75"H x 19"W x 11.5"D (44 x 483 x 293 mm) Net weight: 6 lbs (2.72 kg); shipping: 8 lbs (3.62 kg) approximate.

Environmental

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

Regulatory

North America: Designed to comply with the limits for a class A digital device pursuant to Part 15 of the FCC rules (CFR). Designed for U.S. and Canadian listing with UL;

Europe: Designed to comply with the requirements of Low Voltage Directive 73/23/EEC and EMC Directive 89/336/EEC. Designed for RoHS and WEEE compliance.

Warranty

Two-years limited parts and labor

Options

Option 01 - ITU-R BS.1770 Loudness Meter

Option 02 - Redundant (backup) PSU (external)

Option 03 - SNMP

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