

DaySequerra

NLC4ST 4 Channel Stereo Loudness Control



The DaySequerra NLC4ST Stereo Loudness Control measures and controls perceived loudness of the program audio. It also provides the ability to independently process four stereo channels of audio simultaneously and apply loudness correction, all while occupying only one rack unit of space.

NLC4ST is well suited for use in large facilities where space, power and heating constraints require a higher-density solution.

- Guarantees a consistent viewer experience despite variations in consumer's equipment
- Manages loudness without a "squashed" or compressed sound
- Adheres to the ITU BS.1770 loudness recommendation, and—more importantly—agrees with your viewer's perception of loudness
- Corrects loudness while preserving the original equal loudness curve
- Using look-ahead technology, makes large gain corrections imperceptible



NLC 4ST Technical Specifications

Inputs	- 4 AES-3 Inputs for four channels of stereo
Outputs	- 4 AES-3 Outputs for four channels of stereo
Digital Inputs & Outputs	- AES/EBU, 75 ohm, unbalanced BNC
Sample Rate	- 32kHz-96kHz
Latency	- 64ms @ 48kHz sampling rate
Alarms	- DB-9 female connector; 0-5VDC TTL
Ethernet	- 10/100 Base-T for software updates, logging and remote control
Dimensions and Weight	- 1 RU, 19" (482mm) W x 8" (203mm) L x 1.75" (44mm) H; 7 lb (3.2kg)
Environmental	- Convection cooled; Operating: 0 to 60 degrees C
Regulatory	- North America: FCC Class A, Part 15 - Europe: LV Directive 73/23/EEC and EMC Directive 89/336/EEC, CE Mark (EN 55022 Class A, EN55024); RoHS and WEEE compliant
Power Supply	- Auto-sensing 100-240V, 50-60Hz - EMI suppressed male IEC320 connector
Applications Include	- Ingest, Head-End, Uplinks, Post Production and Quality Control

