



LE-2n



Stereo legaliser module with composite, RGB or YUV gamut correction

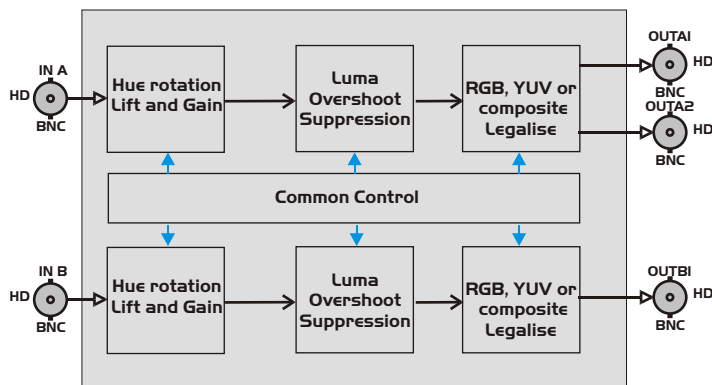
eyeheight

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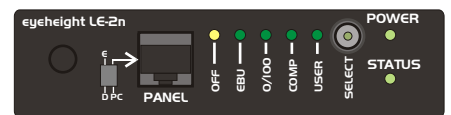
Overview

The LE-3Dn is a video legaliser with two video channels and common control parameters designed to legalise 3D stereo sources. The incoming signals are constrained by parameters within the colour space that the user selects, RGB, YUV, or composite (PAL or NTSC). The unit also provides eyeheight's unique clobbeRing luminance overshoot and undershoot suppression. Gain, lift and hue controls are also included. All common worldwide legalisation standards can be corrected. The LE-3D works for 720p and 1080i line standards.

Block diagram detail



Front Panel



Complete Kit



Key features

Description

- Provides 2 channel legalisation of the HD-SDI input with common control and full 10 bit processing throughout.

Features

- Composite, YUV or RGB colour spaces.
- Adjustable clipping levels and soft clipping knee levels.
- Integral luma and chroma gain, black level adjustment & hue rotation.
- EBU-R103 legalisation settings and 7.5 IRE or 0 IRE pedestal with 6 user memories and common presets.
- Firmware and software fully updatable by file upload*
- Mechanical relay bypass option available.
- Soft java control panel works with PC or Mac via supplied USB lead.

Formats

- 1080i/50/59.94, 1080p 23.976/24/25/29.97, 720p/50/59.94



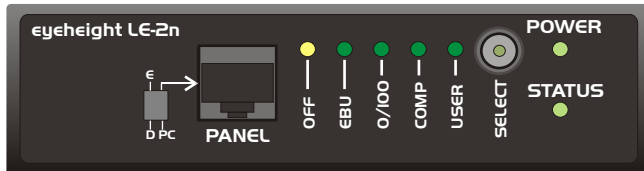
LE-3Dn



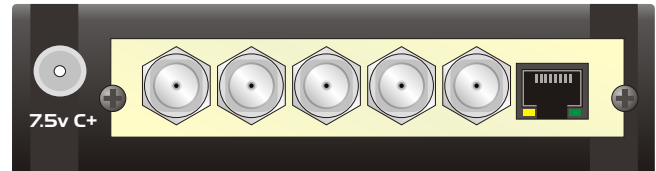
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eyeheight

Connections



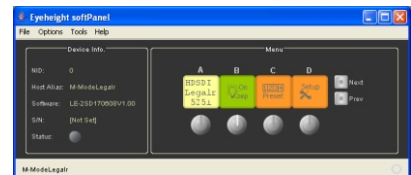
FP-9 Option



7.5v C+ INA OUTA OUTA OUTB INB USB lead GPIO TC

The kit

The system comes complete as a stand alone unit requiring only a PC or a Mac for total control. Preset standards are also available from the LE-2n front panel.



Ordering information

Order code format: LE-3Dn-F

F Shipped for Flexipanel (FP-9) operation. Will not work with soft panel in this mode. (Omit for standard USB PC/Mac operation)

For example:

LE-2nM is a LE-2 module for multirate operation shipped for standard PC/Mac control.