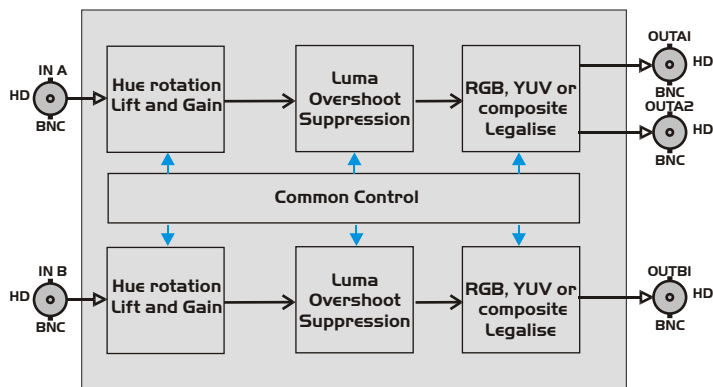




### Overview

The LE-3D 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



### 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.
- Optional web based java softPanel.\*

#### Formats

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

\*Only available on the FB-9E chassis



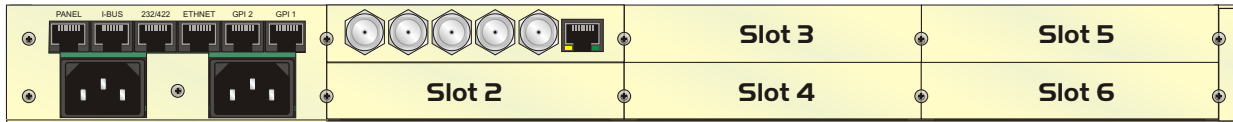
# LE-3D



## Stereo legaliser module with composite, RGB or YUV gamut correction

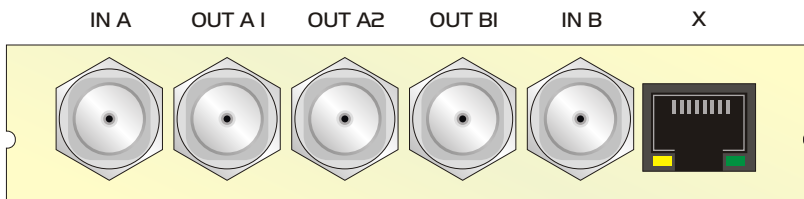
# eyeheight

### Chassis view

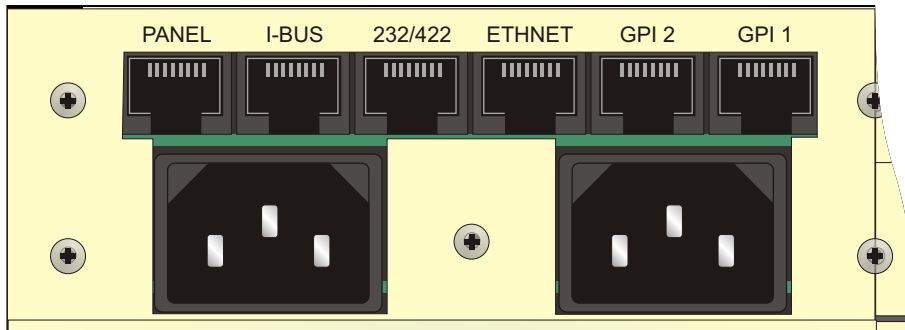


The LE-3D is plug in module for the etherBox FB-9E 1RU chassis. The basic unit takes ONE slot enabling a density of 6 units per 1RU.

### Module connections



### Chassis connections



The card connections are supplemented by the chassis FB-9E connections which provides GPI inputs and outputs, an Ethernet connection which can be used for browser based chassis monitoring and optional Java control applications and an RS-232/422 automation interface. (Not available on the MX-9 chassis)

### Ordering information

**Order code format: LE-3D-R-J**

R optional mechanical relay bypass. (Leave blank for no relay bypass).  
J optional Java web softPanel control license. (Leave blank for no option).  
For example:  
LE-3D-R is a LE-3D module with mechanical relay bypass.