SOLID 4000 MIX BUSS

STEREO BUSS PROCESSOR

OPERATOR'S MANUAL

Version 1.0

KAHAYAN®
PROAUDIO

Avd. de la Estación 4, local bajo
Zarzalejo, Madrid 28293
Spain
admin@kahayan.es

www.kahayan.es
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INTRODUCTION

The Solid 4000 Mix Buss is a new stereo processor that glues together and brings life to a mix. Based in the classic british consoles, it has the same bus circuit that the Solid 4k–500 series of the Epsilon 32–500 summing mixer. In 500 series format and very simple to use: Drive and Output controls.

The Solid 4000 Mix Buss is designed to be used mostly as an insert on the mix bus, but can also be used to enhance instrument group busses. We suggest to insert it before you start mixing and then mix through it. This helps you tailor the mix and get the best sound.

It is important to mention that we recommend find the right "sweet spot", we mean, as you increase the input drive control, the signal will get a saturation level but if you increase it considerably, the saturation may become in distorsion. That’s why we recommend looking for an optimal adjustment of the gain structure, as in any console or analog mixing system. Or use it as an ‘effect’.

A 500 series lunchbox is required. For more information please visit: www.kahayan.es
1. **VUMETER** Works like a classic vumeter that you can find in the consoles, but it is positioned after Drive control and gives a view of the saturation level. The 0 VU is calibrated in a 1% THD position, over that level, the saturation increases. We recommend that find your "sweet spot".

2. **DRIVE** controls harmonic distortion: It sounds like aggressively hitting a console mix buss. High settings increase grit and drive. Lower settings tend to open up the dynamics. Begin with extreme settings so that you can really hear the effect: "distortion".

3. **OUTPUT** fader to compensate the output level as you adjust the drive control.

4. **BYPASS SWITCH** of the Mix buss processor.
SPECIFICATIONS

- 2 units of 500 series rack format
- Connections: 2 balanced inputs and 2 balanced outputs

- The Drive Fader allows to attenuate or enhance the stereo signal at -∞ dB to +12 dB
- The Output Fader allows to attenuate or enhance the stereo signal at -∞ dB to +10 dB
- Headroom: +24dBu
- Power: 110mA with 16 volt bipolar power supplies
- Weight: 1Kg
- The manufacturer reserves the right to change the technical specification of the product without prior notice.

WARRANTY

These products are guaranteed for a period of two years from the date of shipment to the end user for countries of the European Union. For other countries, please refer to the law in effect.

During the warranty period Kahayan Pro-Audio will, at their discretion, either repair or replace products which prove to be defective, provided that the product is returned to an authorised Kahayan service facility.

Defects caused by unauthorised modifications, accident, negligence or any misuse are not covered by this warranty. For further information please contact your dealer or the distributor in your country.
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CREDITS
Concept: Pablo Kahayan
Written by: Pablo Kahayan and Luis del Toro
Edited by: Luis del Toro
Photos and Recall sheet: José Herranz