



Angry Audio C-LEVEL Studio Audio AI Processor User Guide

[Home](#) » [Angry Audio](#) » Angry Audio C-LEVEL Studio Audio AI Processor User Guide 

Contents

- [1 Angry Audio C-LEVEL Studio Audio AI Processor](#)
- [2 C-LEVEL Audio Processing Gadget](#)
- [3 Specifications](#)
- [4 Product Usage Instructions](#)
- [5 INSTALLATION INSRUCTIONS](#)
- [6 Documents / Resources](#)
- [7 Related Posts](#)



Angry Audio C-LEVEL Studio Audio AI Processor



C-LEVEL Audio Processing Gadget

The C-LEVEL Audio Processing Gadget is a precision loudness controller designed to help you achieve optimal audio levels. It comes equipped with several features to ensure your audio stays level and consistent, making it perfect for radio stations, podcasters, and other audio professionals. Thanks for purchasing the C-LEVEL program audio leveling processor. We are grateful! The user guide is in the queue and should be published in a few months. Meantime, here are some operating notes to help you enjoy your new gadget



For safety and mounting information, please see the Failsafe Gadget user guide:

https://angryaudio.com/wp-content/uploads/2022/08/AA_FailsafeGadgetUserGuide_2208031.pdf



C-LEVEL has an internal power supply, configured at the factory for either 115V or 230V. The captive power cable is fitted with the appropriate plug for the intended region. Do not attempt to modify the plug or the power supply. If your Gadget does not have the proper plug/voltage for your region, contact the factory to arrange a return/replacement. The C-LEVEL is equipped with both analog and digital audio inputs and outputs. Best performance will be achieved using the digital input and output (AES/EBU) on StudioHub+ RJ45 connectors. To select the DIGITAL IN as the audio source, flip DIPswitch B to the up position. Analog inputs and outputs are presented on both XLR and StudioHub+ RJ45 connectors. A convenient ANALOG THRU is useful for daisy chaining the same source to multiple devices. The Analog Output on the StudioHub+ RJ45 connector also provides $\pm 15\text{VDC}$ to certain types of connected devices. It is possible for example, to feed power and processed audio over a single CAT5 cable from this output to an Angry Audio Headphone Gizmo. The front panel controls are straightforward. The headphone amplifier with volume control has both 6.3mm and 3.5mm jacks. The jacks are mutually exclusive. Exercise caution with headphone volume! It is possible to cause permanent hearing damage with excessive volume!

Specifications

- **Analog Input:** Balanced +4dBu Stereo XLR/F connectors Balanced +4dBu Stereo RJ45F connector (StudioHub+ pinout)
- **Analog Through:** Parallel to Analog Input (StudioHub+)
- **Analog Output**
- **Digital Input:** Transformer isolated, AES/EBU, RJ45F connector (StudioHub+) ASRC, 44.1kHz to 48kHz sampling rate
- **Digital Output:** Transformer isolated, AES/EBU, 48kHz S/R, RJ45F connector (StudioHub+)
- **Power Input:** 115VAC 50/60Hz (North America Version)
- **Power Input:** 230VAC 50/60Hz (Australia, Europe, United Kingdom Versions)
- **Power Consumption:** 10VA
- **Relative Humidity:** 0% to 90% non-condensing
- **Cooling:** Venting chassis (fanless)
- **Product Dimensions:** 8.5 x 6.25 x 1.7 inches (21.6 x 16 x 4.32 cm)
- **Product Weight:** 3.5 pounds (1.59 kg)
- **Shipping Dimensions:** 12 x 9 x 6 inches (30.5 x 22.9 x 15.3 cm)

- **Shipping Weight:** 5 pounds (2.27 kg)
- **Included in the box:** C-LEVEL Processing Gadget, pocket trimpot adjustment tool

Product Usage Instructions

- Connect the analog input to your audio source.
- Adjust the loudness control mode by placing DIPswitch A in the up position for AES/ITU 1770 loudness control mode (recommended).
- For digital inputs, connect the transformer isolated, AES/EBU, RJ45F connector (StudioHub+) to your audio source.
- The transformer isolated, AES/EBU, 48kHz S/R, RJ45F connector (StudioHub+) can be used as a digital output.
- The gadget can be safely mounted according to the instructions provided in the Failsafe Gadget user guide.
- Use the provided pocket trimpot adjustment tool to make any necessary adjustments.
- Enjoy your new gadget!

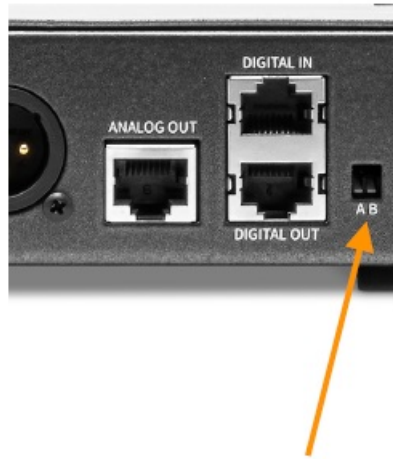
If you have any questions or concerns, please contact us at answers@angryaudio.com. We hope you enjoy using your C-LEVEL Audio Processing Gadget!

INSTALLATION INSRUCTIONS

The graphic below explains the processing functions.



The C-LEVEL Precision Loudness Controller can be engaged or bypassed via the rear panel DIPswitch. Place DIPswitch A in the up position for AES/ITU 1770 loudness control mode (recommended).



1. **A: 1770 Loudness control mode:**

1. Up AES/ ITU 1770 mode (recommended)
2. Down= Dual Mono mode (For special case usage)

2. **B: Audio Input:**


1. Up AES/EBU Input
2. Down Analog Input

Part Numbers:

- North America 991037
- Australia 991037A
- Europe 991037E
- United Kingdom 991037U

That's it. If you have any questions, give us a shout at: answers@angryaudio.com Use your new gadget in good health! Your friends @ Angry Audio

Documents / Resources

	<p>Angry Audio C-LEVEL Studio Audio AI Processor [pdf] User Guide 991037, 991037A, 991037E, 991037U, C-LEVEL, Studio Audio AI Processor, C-LEVEL Studio Audio AI Processor, AI Processor</p>
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