## **C4 Livestream Audio Processing Gadget**

Preliminary User Guide

Thanks for purchasing the C4 Livestream Audio Processing Gadget. 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



The C4 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.

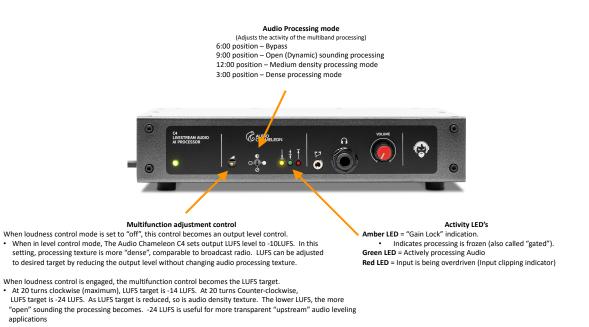
C4 is equipped with both analog and digital audio inputs and outputs. Best performance will be achieved using the digital input and output (AES/EBU) on StudioHub+ RJ45 connectors. To select the DIGITAL IN as the audio source, flip DIPswitch B to the up position.

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 ±15VDC 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!

The graphic below explains the processing functions.



The C4 Precision Loudness Controller can be engaged or bypassed via the rear panel DIPswitch. Place DIPswitch A in the up position to engage the Loudness Controller. Disengage by placing DIPswitch A in the down position.



## **Part Numbers:**

North America 991036 Australia 991036A Europe 991036E United Kingdom 991036U

## Specifications:

Analog Input Balanced +4dBu Stereo XLRF connectors

Balanced +4dBu Stereo RJ45F connector (StudioHub+ pinout)

Analog Through Parallel to Analog Input (StudioHub+)

Analog Output Balanced +4dBu Stereo XLRM connectors

Balanced +4dBu Stereo RJ45F connector (StudioHub+ includes ±15VDC)

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

Operating Temperature 0° to 40° C (32° to 104° F)
Storage Temperature -20° to 45° C (-4° to 113° F)
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  $12 \times 9 \times 6$  inches  $(30.5 \times 22.9 \times 15.3 \text{ cm})$ 

Shipping Weight 5 pounds (2.27 kg)

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

