

A Stand Alone Single Commentary Mixer For 3 Commentators



GS-CU001B

Designed for sport, news and events



Features

- Three mic / line inputs**
 Each input is mic/line switchable and also features a switchable 12v phantom power,
- Individual and mixed outputs**
 Each input is available independently on the back, along with a separate mixed output of all inputs.
- Six headphone monitoring sources**
 There are six/seven independent sources. These are available on both headphone amps and can be mixed and split on the headphones (left/both/right) ear for each of the two main commentators.
- Electronic or transformer balancing**
 There are options of electronic or transformer balancing on the inputs and the outputs.
- Features "Config+" push buttons**
 The GlenSound Config+ system on the buttons allows custom configuration. The channel button can be on/off or cough, and the talk back buttons have 3 modes: momentary, on/off, or a mode that allows both. This selection is available per each button.
- Special editions available**
 The versatility of the system and GlenSound's ability to meet each customer's requirements has resulted in 7 versions. If one of them does not meet your needs tell us! It would probably result in us designing version 8!

A Comprehensive System For Single Unit Commentary

The GS-CU001 features the widest feature list of any of the GlenSound Complete Commentary single units, and as such it is by far the most widely used by broadcasters.

There are two fully specified commentators sections, with an additional third commentators/producers input that can share either of the main presenters monitoring.

The two main presenters each have independent level adjust for 6 discrete inputs into their headphones: - Programme, Feedback, Co-Ordinator, Tech, Other Commentator, and a spare. Each of these inputs can be switched into the headphones from left/both/right ears, giving each presenter their most appropriate mix of the incoming audio. Three of these inputs also have a talkback circuit, with separate talk back buttons per main commentator.



GS-CU001L

The three inputs are all mic/line switchable with the option of phantom power and adjustable gain. They are all available on the rear panel as independent outputs, or as a mixed output. The independent outputs are switchable from -20dB with no limiter for large headroom, 0dB with no limiter, or 0dB with limiter.

The rear panel has separate pots for side tone for the main commentators. The location of these can change based on the version.

There are various versions available offering extended functions so please check if you need an additional specification. The different versions are detailed on the next page.

A tough plastic case with exact cutout foam for the GSCU001 with headset and leads is available.



The operation of the pushbuttons on the GS-CU001 can be changed to meet your needs. Channel buttons can be on/off, or cough. Talkback buttons can be latching, push to talk, or lazy. The talkback buttons can also suppress or unlock the channel. This can all be set per button. on/off button.

Electronic Or Transformer Balancing For The I/O

All GS-CU001 units are available in three balancing options to suit your requirements. If it is for permanent studio use then electronic balancing may be suitable. However, for mobile outside broadcast use you may prefer the additional benefits of transformer balanced inputs and outputs.

VERSION 1 (EE): Has electronically balanced audio input & output circuits.

VERSION 2 (ET): Has electronically balanced inputs with transformer balanced outputs.

VERSION 3 (TT): Has transformer balanced inputs & outputs with high quality Lundhall transformers on the individual mic outputs.

GS-CU001B



The standard version as specified in the main text. The 'B' version added rear panel side tone over the original GS-CU001.



Dimensions: 277 x 266 x 105mm

GS-CU001D



In addition to the normal features of the GS-CU001B this provides a talkback channel between the 2 commentators.

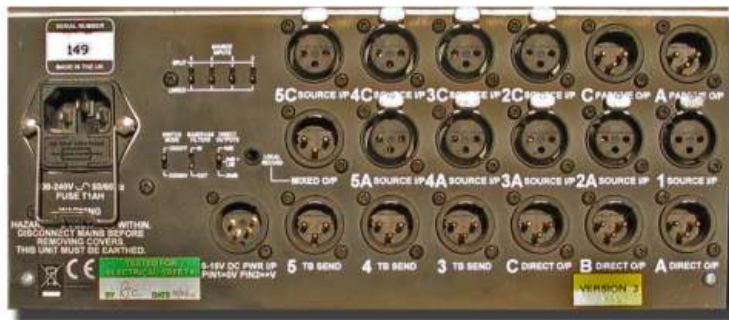


Dimensions: 277 x 266 x 105mm

GS-CU001E



In addition to version D, the GS-CU001E features the following: The sidetone pot is on a small knob on the front panel. It provides 2 completely passive outputs from the two main commentators mics. Each of the main commentators has 4 individual inputs (rather than identical), allowing each commentator to listen to different sources. For ease of wiring it is possible to switch any of these 4 inputs to both the headphone amps.



Dimensions: 277 x 289 x 123mm

GS-CU001F



This is similar to the GS-CU001B, but it does not have sidetone. The top monitoring pot for each commentator is the mixed output of all inputs.



Dimensions: 277 x 266 x 105mm

GS-CU001G



In addition to the normal features of the GS-CU001 this version has full size side tone pots on the top panel. It also has 1 extra audio input into the headphone amps, plus 3 off individual inputs for the 2 headphone amps, with switching to allow 1 off these inputs to be sent to both headphone amps.



Dimensions: 277 x 289 x 123mm

GS-CU001J

In addition to the features of the B Version, the GS-CU001J has full size side tone pots instead of the smaller rear panel ones on the B version. These are located on the top panel of the unit.

Rear panels same as GS-CU001B

Did You Know...?

The GS-CU001 uses heavy duty switches tested to over 1,000,000 cycles.



GS-CU001L



Based on the GS-CU001E this unit offers a choice of 2 inputs for each of the main commentators mics (A and C). To accommodate the extra inputs it is physically wider than the 'E' version at 345 mm. Each of the main commentators inputs is mic/line/ mic + phantom power selectable. For each of the 2 main commentators inputs a recessed front panel toggle switch selects which of the 2 inputs is used. 48 Volt phantom power is also supplied instead of 12 volt phantom power.



Dimensions 345 x 289 x 123 mm

GS-CU001M



The GS-CU001M is based on the GS-CU001E with only 2 differences: The headphone input switching for both commentators has been omitted, so all inputs are split equally between the left and right side of the headphones. The M Version also includes 48V phantom power.



Dimensions: 277 x 289 x 123 mm.

GlenSound Electronics

Inputs	Three commentator inputs (Two main with third position sharing) All inputs have adjustable gain with mic, mic +12v phantom(+48v available), and line level selection Global LF cut on the inputs Commentators headphones have 6(7) independent sources Each input is switchable to left ear, right ear, or both
Mic Input Gain	-70 dBu to -50 dBu
Mic +Phtn Power Gain	-45 dBu to -25dBu
Line Input	-10 dBu to +10dBu
Phtn Power	+12v @ 3.2Ma (48v available on request)
Max Input Level	-30 dBu (gain@60dB)
Noise	>-60dB (gain@60dB)
Distortion	<0.1% (50Hz to 20 kHz)
Frequency Response	>-2dB (26 Hz to 16 kHz)
Filter	-3dB @ 80 Hz, -3dB @ 12 kHz
Outputs	Individual outputs of the 3 inputs Three output options per input: 1) -20dB no limiter, 2) 0dB no limiter, 3) 0dB with compressor / limiter Three talkback circuits as either lazy, momentary or both Separate switches for talkback circuits for each of the main two commentators 1 mix output of the 3 inputs (at 0dB) Local record output Two headphone amps – one for each of the two main commentators Each headphone amp has two Switchcraft 6.35mm jack sockets (A or B Gauge) for connection of two pairs of headphone
Headphone Impedence	200 to 2k ohms
Headphone Level	Max +19dBu into 600ohm - WARNING - High headphone levels can be harmful to hearing.
Connections	Inputs on female XLR: 1-GND, 2-HOT (phase), 3-COLD (antiphase) Outputs on male XLR: 1-GND, 2-HOT(phase), 3-COLD (antiphase) Local record on 3.55mm stereo jack socket: TIP-signal, RING-signal, SLEEVE-GND. Mono plugs may be used without damage. Headphone outputs on 6.35mm stereo jack socket: TIP-L signal, RING-R signal, SLEEVE-ground. Accepts A or B gauge jack plugs.
General	Channel on/off switches are user set between on/off or cough. 7 Segment LED PPM
Power	Internal switch mode PSU (100-250v) External 9-18v DC (power consumption less than 10w) Power on LED
Dimensions	See relevant version description.

For version specific specifications please see version description

Sample of options available on all versions:



The GS-CU001 is highly customisable. If you have specific needs and you would like a modification to one of our base units then please let us know as we would be happy to accommodate. Here is a selection of what we can apply to any version:

- 1) We can add 48v phantom power.
- 2) We can print any wording in any language.
- 3) We can add additional outputs either single source or mixed.
- 4) We can change the level controls for the inputs to go down to 'off' or 'dim'.
- 5) We can put the mic gain on fixed position switches rather than a rotary control.
- 6) Plus whatever else you can think of!

GS-CU001B Large Rear Panel



Your local dealer:



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