

Single Unit  
Commentary



GlenSound Solo



GlenSound Solo Loop

## GlenSound Solo GlenSound Solo Loop

### User friendly single position commentary

The GlenSound Solo range comprises single position commentary units designed for ease of use. Compact and robust with a user friendly set up, the Solo features a configurable mic button as on/off or cough, mic level gain control, external source monitoring and adjustable sidetone. The GlenSound Solo Loop extends these features to incorporate a single talkback circuit and facility to link multiple units using the CMBus.

### Key Points

- Suitable for studio and outside broadcast applications
- Low Noise
- Switchable High Quality Compressor/Limiter
- Transformer Coupled I/O
- 48V Phantom Power
- Multiple box linking with CMBus (Loop version only)
- Mic button on/off or cough
- Talkback circuit (Loop version only)

# Transmitters'R'US

We Make Radio Happen

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## GlenSound Solo

User friendly single position commentary

The GlenSound Solo is a single position commentary unit designed for ease of use. Compact and robust, this unit features a configurable mic button as mic on/off or cough, mic level gain control, external source monitoring and adjustable sidetone.

### Mic Input

The GlenSound Solo has a transformer coupled input for one microphone connected via XLR to the rear panel. Adjustable input mic gain using the rear panel POT, allows full control over incoming levels. Toggle selectable 48 Volt phantom power is available for use of condenser mics.



### Outputs

The master has a transformer coupled output on a single XLR. The headphone uses a 6.35mm jack.

### Compressor/Limiter

The microphone input has the option to engage a high quality compressor/limiter using the rear panel toggle switch. This is a GlenSound system specifically designed for commentary.

### Monitoring

The sidetone is activated when the mic is live allowing the user to monitor their own voice which is level adjustable via the rear panel POT. A single external source on XLR is routed to the headphones for additional monitoring requirements. Overall headphone levels are adjustable using the top panel volume POT.



### Configurable 'Mic On' Button

The 'Mic On' has the option of 4 engineer (user inaccessible) selectable functions:

- Mic Toggle On/Off: Press once to turn on and press again to turn off.
- Cough Mode (Mic momentary Off): The mic is continuously on; the mic will turn off for the duration the button is depressed.
- Momentary On: The mic is continuously off; the mic will turn on for the duration the button is depressed.
- Momentary Off (Intelligent Lever Key): When the button is depressed for a prolonged period of time, it will remain on until released. If tapped, it will latch on and when tapped again it turns off.

All user instructions for set up are printed on bottom panel.

### Power

Power is obtained via a B type USB (5 Volt in). The top panel LED illuminates when power is present.



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## Glensound Solo Loop

Single position commentary with units that link together

The Glensound Solo Loop features the same functionality as the Glensound Solo but extends to incorporate a single talkback circuit and facility to link multiple units using the Glensound CMBus.

### Additional Features on the Glensound Solo Loop

#### Talkback

The Glensound Solo Loop introduces a talkback circuit on XLR using a transformer coupled balanced output.

#### CMBus

Glensound has developed the 'Current Mixing System' (CMBus) enabling audio circuits to be connected together and mixed using screened Cat5 cables. Unlike traditional voltage mix techniques which can be very noisy and unstable when used over screened Cat5 cables in electrically noisy environments (i.e. an outside broadcast), the Glensound Current Mixing Bus (CMBus) system is not susceptible to noise and interference and performs considerably better than traditional mixing methods.



The Glensound Solo Loop uses the CMBus technology to noiselessly link audio circuits between multiple units. Three audio circuits are available on the Solo Loops CMBus.

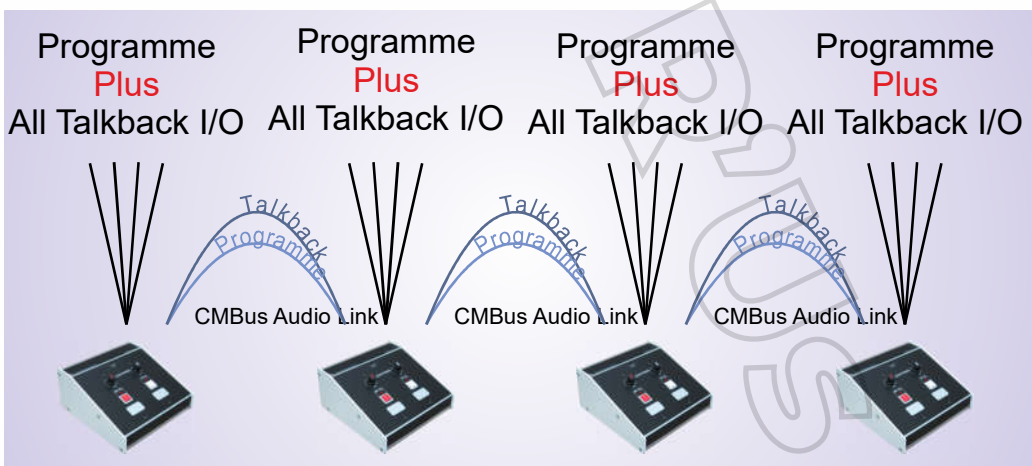
1. **The Programme Output:** This mixes together all the PGM mic circuits and each PGM O/P on each Solo Loop provides a mix output of all PGM mics.
2. **The Talkback Output:** This mixes together all the outgoing talkback circuits and each TB O/P on each Solo Loop provides a mix of all the outgoing TB circuits
3. **The Talkback Input:** This mixes together any TB input circuits and shares the mixed audio between all Solo Loops.



The Programme input is not shared on the Solo Loops CMBus as this allows unique audio circuits to be provided to each announcer / commentator.

### Use the Glensound Solo Loop with the Talent Box

The Talent Box, Glensound's advanced commentary unit, uses the same CMBus linking technology. If desired, the Talent Box and the Glensound Solo Loop can be linked together enabling the smaller Glensound Solo Loop to act as a satellite commentary position to the larger Talent Box.



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**GENERAL SPECIFICATIONS**

**GLENSOUND SOLO**  
 HEIGHT 69mm  
 WIDTH 144mm  
 DEPTH (Excluding external connectors) 137mm

**GLENSOUND SOLO LOOP**  
 HEIGHT 82mm  
 WIDTH 172mm  
 DEPTH (Excluding external connectors) 171mm

**INPUT**

**EXTERNAL INPUT CONNECTOR** XLR (Nominal 0dBu Electronically Balanced > 50k ohms)  
**TALKBACK INPUT SOURCE CONNECTOR** XLR  
**MIC INPUT** Transformer balanced XLR  
**MIC INPUT GAIN** -66 dBu to -42 dBu  
**MIC + PHANTOM POWER** -51dBu TO -26dBu  
**PHANTOM POWER** +48 Volts  
**EQUIVALENT INPUT NOISE** 121dBu 22-22kHz RMS  
**INTERNAL BANDPASS FILTER** 12dBu per octave -3dBu at 40Hz and 20Hz

**OUTPUT**

**PROGRAMME OUT** 50 Ohms Transformer balanced XLR  
 <0.2% THD+NOISE (50Hz-20KHz) at +8dBu Out  
**TALKBACK OUTPUT SOURCE CONNECTOR** XLR  
**HEADPHONE OUTPUT** 6.35mm Jack

**CMBus**

RJ45

**COMPRESSOR/LIMITER**

Gentle compressor with a compression ratio of 3.5:1 dBu after the knee of the limiter

**POT CONTROL**

**SIDETONE** +10dBu to Off  
**OVERALL VOLUME CONTROL (SIDETONE + EXT INPUT H/P)** Off to +10dBu

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