

ATOMIC



VOICE  
OVER



**Voiceover 08**  
Voiceover artists interface



- Adjustable gain microphone preamp with 48v phantom power
- Sophisticated input gain system (AGA) for the perfect level
- Headphone monitoring mixer, with mic plus an external source
- Output signal available as analogue or digital audio

## Voiceover 08

The Voiceover 08 provides a high quality microphone pre-amp interface to any recording device or PC, together with headphone monitoring for the user. There is a highly sophisticated Automatic Gain Adjust (AGA) system to allow the non technical user to achieve perfect input gain levels using dynamic, condenser or ribbon microphones. The mic audio is output on the rear of the unit as balanced analogue audio on XLR, unbalanced on phono, and digital on S/PDIF, and TOSLINK.

The headphone monitoring mixer allows monitoring of the microphone input as well as an external audio input, which could be the cue audio or music for example. This monitoring audio is not presented on the output – only on the headphone monitor

The Voiceover 08 is therefore a high quality yet simple microphone pre-amp and monitor for use by non technical users or simply users that do not have time to worry about setting levels. Expected users include traffic/news reporters, voiceover artists, presenters for voice tracking applications, and any non broadcast operation that needs to be able to simply connect to a broadcast chain for recording or live use.

# ATOMIC Voiceover 08

- **Microphone Pre-Amp**  
The primary function of the Voiceover 08 is of a high quality microphone pre-amp for a selection of microphone types. There are three gain positions available allowing simple selection of dynamic mics, condenser mics, or ribbon (lip) mics /high gain. Any mic type can therefore be interfaced with an audio mixer, PC sound card, or other recording device that requires a line level input. Selectable 48v phantom power is also available.
- **Automatic Gain Adjust (AGA) System**  
A key function of the Voiceover 08 is its AGA system. The AGA system was developed by Glensounds Digital Design Team, utilizing the latest DSP technology. As the user speaks into the microphone, a press of the 'Take Level' control starts a 6 second evaluation of the audio gain level required. This allows a non technical user to achieve a perfect input level without worry. The AGA can be re-calibrated at any time, without loss of audio.  
  
A multi-coloured LED indicates the input level in three stages. Green for 'signal present', yellow for 'approaching clipping', and red for 'clipping'.
- **Analogue and Digital Outputs**  
The Voiceover 08 has a comprehensive range of output options to give the user maximum flexibility.
  - Analogue outputs are available unbalanced on a phono connection, and balanced on XLR.
  - Digital outputs are available as S/PDIF on phono, and S/PDIF on fibre optic.
- **Headphone Monitor Mixer**  
The operator can connect headphones to the Voiceover 08 for monitoring via a front panel 6.35mm jack socket.

There is an external, two channel, analogue audio input available either on balanced XLR or un-balanced phono. This input has an adjustable level control on the front panel. This allows the user to monitor the context material that they may be speaking over. This input is only available for monitoring on the headphones and does not appear on the outputs.

The headphone monitor also includes an adjustable level for the incoming mic input (sidetone) allowing the user to monitor themselves.

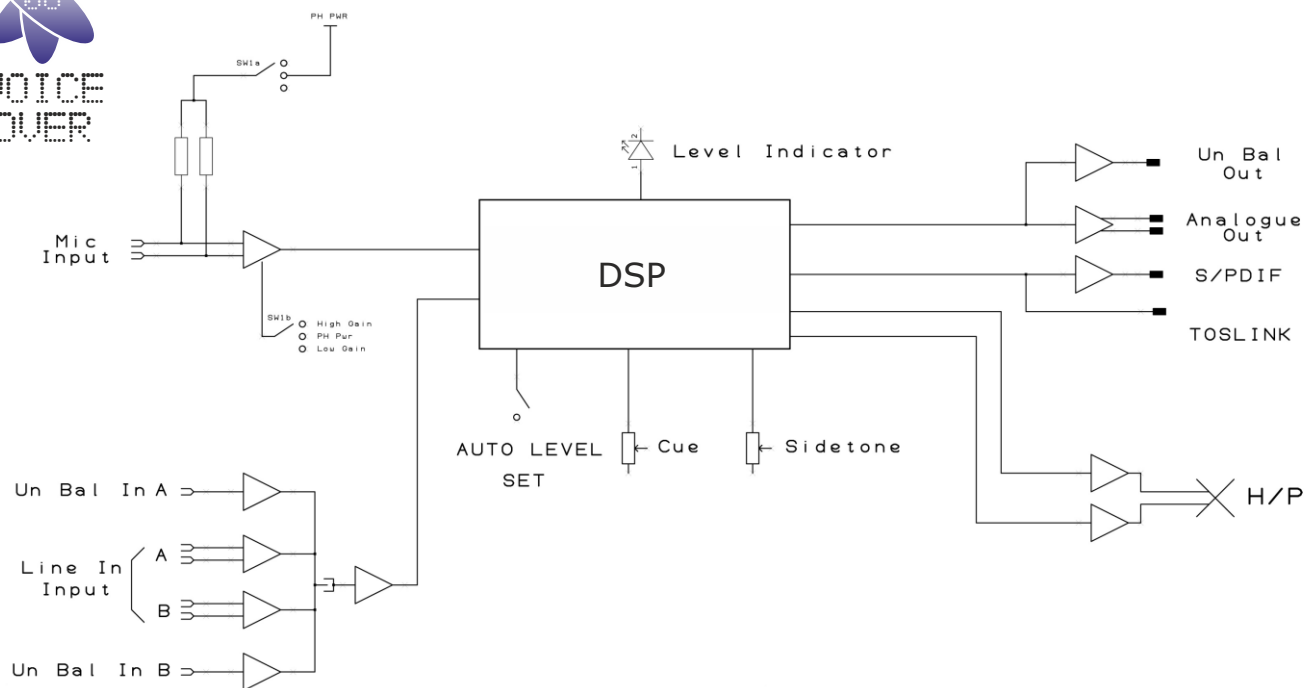


# Block Diagram

ATOMIC



VOICE OVER



block diagram

## Specifications

### GENERAL SPECIFICATIONS

HEIGHT  
 WIDTH  
 DEPTH (ALL Excluding Connectors)  
 POWER INPUT  
 COMPLIANCE  
 AUDIO CONNECTORS

1RU  
 266mm (rack ears available)  
 137mm  
 100 to 240 VAC 50 – 60 Hz  
 CE, WEEE, RoHS & EMC  
 High quality Neutrik

### MIC INPUT

INPUT IMPEDANCE  
 TYPE  
 PHANTOM POWER  
 REAR PANEL GAIN SWITCH

1K2  
 Electronically balanced  
 48v (selectable)  
 High: 61dB, Low: 54dB, Phantom Power: 46dB

### MIC AGA

TYPE  
 SAMPLE RATE  
 GAIN RANGE OF AGA

DSP digital circuit  
 48kHz  
 26dB

### COMPRESSOR / LIMITER

TYPE  
 CIRCUIT

DSP digital circuit  
 Smooth acting 'silent' to prevent output overload

### LINE INPUT

TYPE  
 LINE UP LEVELS  
 IMPEDANCE

Electronically balanced  
 Balanced: 0dBu, Unbalanced: -6dBu  
 >50ohms

### OUTPUT

TYPES  
 S/PDIF,  
 ANALOGUE IMPEDANCE  
 LINE UP LEVEL (ANALOGUE)  
 LINE UP LEVEL (DIGITAL)  
 DIGITAL SAMPLE RATE

Electronically balanced analogue, unbalanced analogue, isolated optical TOSLINK  
 >50k  
 Balanced: 0dBu, Unbalanced: -6dBu  
 -18 dBFS (0dBu)  
 48kHz (44.1 on request)

### HEADPHONES

CONNECTOR  
 IMPEDANCE

6.35mm jack plug (A/B gauge)  
 32-2k ohms

## Rear Panel



## GlenSound ATOMIC Range

*The ATOMIC Range features the key elements demanded by the modern broadcaster. Sonic integrity, the finest audio components, ease of use, and GlenSound broadcast grade reliability. If you see the Atomic and GlenSound logo on a product, you have the assurance of a product designed with the best available technology, with the design and development expertise of GlenSound engineers who have been developing broadcast audio products since 1966.*



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