



LCS-2000BP

Microphone Automatic Gain Controller

The LCS-2000BP Microphone Automatic Gain Controller features an automatic detection function for existing feedback points. It uses a DSP system to filter sound and efficiently suppress feedback, significantly improving the local amplification sound pressure and clarity. It is primarily designed and developed for modern educational, meeting, courtroom recording, and remote conference communication.

MAIN FEATURES

▲ AFC Automatic Feedback Suppression

No complex tuning required; it outputs full, clear, high-fidelity sound quality.

▲ Low Latency

Efficient algorithms and high-speed DSP ensure low system processing delay.

▲ High Fidelity

Advanced intelligent noise reduction and high-precision feedback suppression algorithms minimize sound quality loss.

▲ Advanced Audio Processing Features

- Next-generation AFC (Adaptive Feedback Cancellation) with self-learning capabilities
- Next-generation ANS (Adaptive Noise Suppression) for enhanced audio fidelity
- Peak Level Indicator for real-time monitoring of audio signal amplitude
- Intelligent Multi-Microphone Mixing with microphone prioritization
- Automatic Gain Control (AGC)
- Comprehensive Signal Processing Modules:
 - Filtering Functions: High-pass filter, low-pass filter
 - Parametric Equalization for precise frequency adjustment
 - Built-in Compressor for dynamic range control
 - Volume Adjustment with digital gain control

SPECIFICATION

POWER PARAMETERS

Power Supply:	AC 110~240V ,50Hz/60Hz
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Phantom Power:	+48V/10mA max
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AUDIO PARAMETERS

Analog Input Channle:	×2
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Analog Output Channel:	×2
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Frequency Response:	20Hz~20kHz
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THD:	<0.01%@1KHz
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SNR:	>100dB
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Input Impedance:	10KΩ
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Output Impedance:	300Ω
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MECHANICAL & ENVIRONMENT PROPERTIES

Mounting Method:	Rack Mount
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Installation Environment:	Indoor Locations
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Product Warranty:	2 Years
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ACCESSORIES

1×Microphone Automatic Gain Controller
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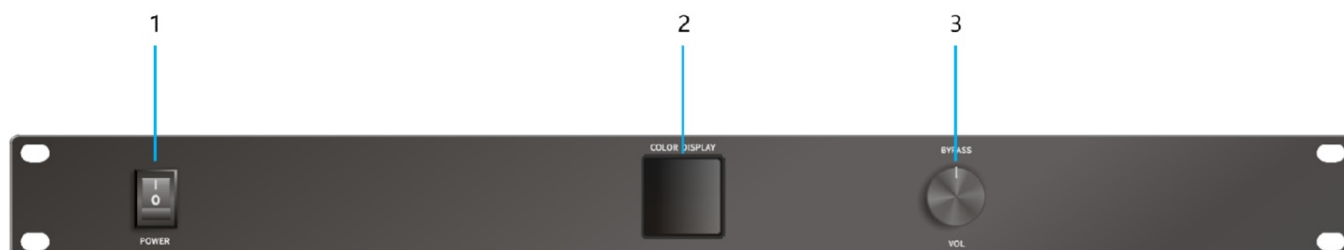
1×Power Cord (Optional)

1×Quick Installation Guid

1×Warranty & Certification Card

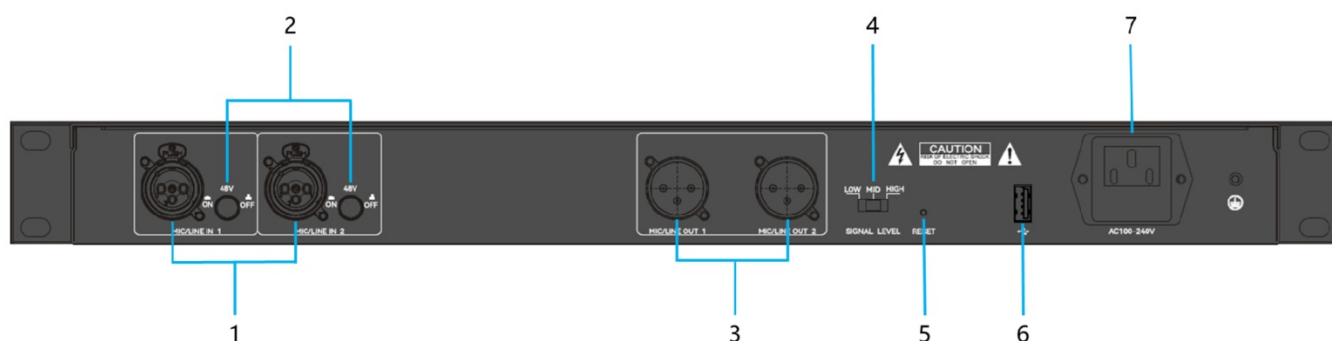
INTERFACE DESCRIPTION

[Front Panel]



- ① Power Switch
- ② HD Display
- ③ Output Volume Adjustment Knob / AFC Bypass Switch

[Rear Panel]



- ① MIC/LINE IN Input Interface: Supports balanced XLR connectors or 6.5mm connectors
- ② 48V Phantom Power Switch
- ③ Balanced Line Output Interface
- ④ Input Level Select Switch: The switch allows you to choose between LOW, MID, and HIGH input levels
- ⑤ Factory Reset Button
- ⑥ USB Type-A Configuration Port
- ⑦ Power Input Interface

