



# Micflex

## Adaptive Microphone Processor



### Overview

Micflex is a multi-mode adaptive microphone processor that intelligently adapts to your mix environment and provides processed audio with up to 10dB more gain before feedback, all while maintaining the natural sonic qualities of your audio sources.

Providing sound reinforcement while maintaining clarity is one of the most difficult tasks in live audio. Achieving sufficient gain-before-feedback, minimizing stage bleed, and keeping vocals “on top of the mix” with intelligibility are classic challenges that can prove difficult to overcome.

Our proprietary technology is designed to reduce feedback and increase clarity of singing vocals, musical elements and spoken word. Audio engineers now have more control with different mode selections created for multiple mix scenarios.

In combination with its use in sound reinforcement, the Micflex processor is equally effective for enhancing vocals, musical elements and audience microphones for broadcast, recording and In-Ear Monitor mixes.

### Specifications

#### Power Supply

Internal 100V-240V, 6.5A-3.5A at 50/60Hz

#### Power Consumption

450W

#### Frequency Response

20Hz to 20kHz

#### Network

1000/100 Mbps ethernet for Dante™ and Control

1000/100 Mbps ethernet for optional Control

#### Latency

5.33-21.33 ms (depending on mode) plus Dante™ network latency (minimum Dante™ latency 1 ms)

### Physical Specifications

#### Dimensions (W x H x D)

18.97 x 1.68 x 19.55 in (482 x 42.8 x 496.8 mm)

#### Weight

22 lb (10 kg), accessories and packaging not included

### Performance Modes

Micflex offers seven different modes for multiple mix scenarios:

#### Ensemble

Increases overall gain before feedback by up to 10dB for choirs, orchestras, and other group performances.

#### Duet

Increases gain by up to 10dB for two separate choir, orchestra, or other group sources performing at the same time, doubling the power of Ensemble mode.

#### Audience

Enhance your Broadcast mixes and In-Ear Monitor mixes with increased isolation of your audience mics from PA bleed and room noise.

#### Stage

Increases gain by up to 10dB for as many as eight independently processed microphones mixed into a house PA.

#### Wedge

Increases gain by up to 10dB for as many as eight independently processed microphones mixed into eight separate floor wedges.

#### Lecture

Increases gain by up to 10dB for spoken word in four separate instances - Lecture rooms, podiums, classrooms, lavalier microphones or headset microphones.

#### Sports

Increase isolation of referee speech or a sideline microphones from the PA sound in arenas and stadiums, enhancing your live and broadcast mixes.