

## Feedback Suppressors

# FEEDBACK DESTROYER PRO

## FBQ2496

Automatic and Ultra-Fast  
Feedback Destroyer/Parametric EQ  
with 40 FBQ Filters and  
96 kHz Audio Performance



- Ultra-high performance 2-channel 24-bit/96 kHz Feedback Destroyer and Parametric EQ
- Automatically and “intelligently” locates and destroys up to 40 feedback frequencies
- Ultra-narrow FBQ filters for extremely effective feedback suppression, while keeping highest sonic quality
- Panic button immediately takes action in feedback emergency situations
- “Set-and-forget” default setting enables immediate and super-easy Feedback Destroyer performance
- Auto mode continuously monitors the mix and automatically sets filters
- Single-shot mode automatically detects and destroys feedback and locks filters until they are reset manually
- Ultra-high resolution 24-bit/96 kHz A/D and D/A converter plus 32-bit DSP for ultimate audio performance
- Extensive MIDI implementation and user preset memories for instant program recalls
- Balanced inputs and servo-balanced outputs with ¼" TRS and gold-plated XLR connectors
- Internal switch-mode power supply for maximum flexibility (100 - 240 V~), noise-free audio, superior transient response plus lowest possible power consumption for energy savings
- Conceived and designed by BEHRINGER Germany

The FBQ2496 Feedback Destroyer PRO is the fastest feedback suppressor on the market (less than 0.2 seconds) and the only one to offer a 96 kHz sampling rate. This rack-mountable audio solution is the quick, easy way to protect yourself and your audience from feedback.



### One Smart Solution

Using an ultra-fast feedback detection algorithm, the FBQ2496 automatically and “intelligently” locates up to 20 feedback frequencies per channel. The algorithm then sets extremely narrow notch filters (up to 1/60th of an octave) to “destroy” feedback frequencies, leaving the remainder of your signal virtually untouched. And with the “Set-and-Forget” default setting, plus the Panic button, your **FEEDBACK DESTROYER** can be up and running in a matter of seconds.

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## Ease of Operation

FBQ2496's Auto mode continuously monitors the mix, resetting programmed filters automatically, while the Manual Mode allows individual programming of up to 40 fully-parametric filters with frequency, bandwidth and gain adjustment. Open MIDI architecture makes future firmware updates and flexible communication with digital equipment exceedingly simple.



## Be Prepared

With the FBQ2496's various modes, you can master just about any live sound situation or use the unit as a creative sound-shaping tool. A single FBQ2496 can protect you from feedback in both your mono PA mains and a monitor mix. And the FBQ2496 is more than just handy – it's affordable! Check one out today at your nearest **BEHRINGER** dealer. Your ears – and your audience will thank you!

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