

# FBQ800

# MINIFBQ

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## Technical Specifications

Version 1.0 November 2005




## MINIFBQ FBQ800

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## Ultra-Compact 9-Band Graphic Equalizer with FBQ

- ▲ Ultra-compact 9.5" graphic equalizer for studio and stage applications
- ▲ Revolutionary FBQ Feedback Detection System instantly reveals critical frequencies and can also be used as Audio Analyzer
-  ▲ Additional Low Cut filter removes unwanted frequencies, e. g. floor rumble
- ▲ Accurate 6-digit LED Input/Output meters and Level control for precise level indication
- ▲ High-quality illuminated faders, potentiometers and illuminated switches for long-term reliability
- ▲ Ultra low-noise audio operational amplifiers offer outstanding sound performance
- ▲ All Mini Series models can be stacked on top of each other to create an ultra-compact signal processor solution
- ▲ High-quality components and exceptionally rugged construction ensure long life
- ▲ Conceived and designed by BEHRINGER Germany

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**SPECIFICATIONS****INPUT**

Type	¼" TRS connectors (balanced) or RCA connectors (unbalanced)
Impedance	approx. 20 kΩ, balanced approx. 10 kΩ, unbalanced
CMRR	40 dB typ. @ 1 kHz
Max. input level	+15 dBu

**OUTPUT**

Type	¼" TS connectors (unbalanced) or RCA connectors (unbalanced)
Impedance	approx. 120 Ω
Max. output level	+15 dBu

**SYSTEM SPECIFICATIONS**

Frequency response	10 Hz to 200 kHz, -3 dB
Dynamic range	110 dB, 10 Hz to 22 kHz
Distortion	0.003 % typ. @ 0 dBu
Crosstalk	< 80 dBu @ 1 kHz
Signal-to-noise ratio	10 Hz - 22 kHz < 95 dB @ 0 dBu, a-weighted

**GRAPHIC EQUALIZER**

Type	9 analog stereo bands
Control range	±6 dB or ±12 dB, switchable
Bandwidth	1 oct.

**OTHER FEATURES**

Low-cut filter	75 Hz (12 dB/oct.)
Input level control	-12 dB to +12 dB

**POWER SUPPLY**

Mains connection	external power supply, 9 V ~ / 750 mA
Mains voltage	
USA/Canada	120 V~, 60 Hz
U.K./Australia	240 V~, 50 Hz
China	220 V~, 50 Hz
Europe	230 V~, 50 Hz
Japan	100 V~, 50 - 60 Hz
Power consumption	approx. 7.0 W

**DIMENSIONS/WEIGHT**

Dimensions (H x W x D)	approx. 1 8/9" (48 mm) x 9 5/9" (243 mm) x 4 5/7" (120 mm)
Weight	approx. 0.86 lbs. ( 0.39 kg)

BEHRINGER constantly strives to maintain the highest quality standards. Modifications may be made, if necessary, without prior notice. The specifications and appearance of the equipment may therefore differ from those listed or illustrated.