

Graphic Equalizers - MQX Series

MQX-2310 TWO CHANNEL 31-BAND



MQX-2150 TWO CHANNEL 15-BAND



MQX-1310 SINGLE CHANNEL 31-BAND



At Ashly, we believe that engineers should never have to compromise their standards for the sake of miniaturization. So we proudly offer the MQX Series equalizers, which feature all the performance and great sound of our legendary GQX models in uniquely compact packages.

The MQX Series uses the same precision filter design and summing circuitry as the GQX Series, with each filter exhibiting true constant "Q" response. The center-detented position of each fader acts as an on/off switch for its filter, ensuring absolutely flat response and high signal-to-noise ratios. The faders themselves put these equalizers into a class all their own. A full 25 mm throw makes use of every last bit of panel space so that small panel size doesn't compromise resolution. The additional range and incredible accuracy of this fader allow us to offer $\pm 15\text{dB}$ of amplitude adjustment on each individual filter (an Ashly exclusive in this class of product). Housed in a rugged steel chassis, each model features multiple input and output connectors. For engineers looking to avoid those cumbersome "wall warts," Ashly features internal power supplies on all our products. And, of course, each MQX Series equalizer is covered by our exclusive Five Year Worry-Free Warranty.

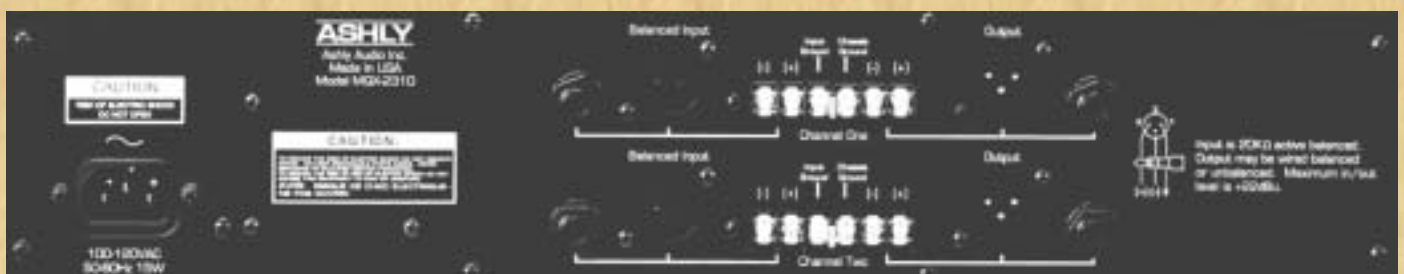
FEATURES:

- Low Noise Design
- Balanced XLR, 1/4" TRS & Barrier Strip Screw Terminals on Inputs and Outputs (except on 2150)
- Silent In/Out Switching
- Signal Present and Clip LEDs
- Precision Wein Bridge Filters
- 25 mm Fader with Center-Off Position
- Constant "Q" Design
- Switchable Low Cut Filter on 31-band models
- Selectable 15dB or 6dB Range

MQX SPECIFICATIONS:

Input type:	Active balanced
Input impedance:	20kOhms
Max. input level:	+23dBu
Output type:	Quasi-balanced
Min. output load impedance:	600ohms
Max. output level:	+23dBu
Connectors:	1/4" phone jack, XLR, and barrier strip (except on 2150)
Frequency response:	20Hz–20kHz, $\pm .25\text{dB}$
Total harmonic distortion:	<.01% @ +20dBu
IM distortion (SMPTE):	<.01% @ +20dBu
Output hum and noise:	<-92dBu (unweighted)
Channel separation:	
MQX-2150:	>85dB @ 1kHz
MQX-1310/2310:	>95dB @ 1kHz
Gain control:	$-\infty$ to +6dB
Filter type:	Constant Q/Wein Bridge
Bandwidth:	MQX-2150: 2/3 octave MQX-1310/2310: 1/3 octave
Tolerance:	$\pm 3\%$
Range:	± 6 or $\pm 15\text{dB}$
Subsonic Filter:	
MQX-2150:	18dB/octave @ 20Hz
MQX-1310/2310:	18dB/octave, 40Hz
Power requirements:	120VAC, 50–60Hz (240VAC available)
Power:	MQX 2150/1310: 10W MQX 2310: 13W
Shipping weight:	
MQX-2150/1310:	9lbs
MQX-2310:	11lbs
Dimensions:	
MQX-2150/1310:	19" L x 1.75" H x 6" D
MQX-2310:	19" L x 3.5" H x 6" D

(EQ in, all faders flat 20Hz–20kHz unless otherwise noted)



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