

Graphic Equalizers - GQX Series

GQX-3102 TWO CHANNEL 31-BAND



GQX-1502 TWO CHANNEL 15-BAND



GQX-3101 SINGLE CHANNEL 31-BAND



Ashly's GQX Series models take advantage of 20 years' experience with some true advances in technology. Precision Wein-Bridge filters and specially designed summing amplifiers provide extremely accurate response, low noise, negligible distortion, and excellent immunity to magnetic fields. All filters exhibit true constant "Q" response, with absolute minimum ripple. The full-throw faders are a custom-manufactured metal-shaft type, with the center detented position utilized as an "on/off" switch for that filter (to minimize any possible degradation in signal noise levels). These units continue to meet specifications when voltage drops down to as low as 93VAC, making them the ideal choice when power stability presents a problem to the installer. The GQX Series is available in three different configurations: the GQX-1502 features two channels of 15-band 2/3-octave equalization and a switchable high-pass filter. The GQX-3101 is a single-channel 31-band model, while the GQX-3102 features two channels of 31-band 1/3-octave EQ. Both the GQX-3101 and GQX-3102 offer tunable high-pass filter circuits and 10-segment, two color LED meter displays, referencing 0 VU to +4dBu. The GQX-3101 and GQX-3102 features switch-selectable cut or boost of either 6dB or 15dB, and carries the same Five Year Worry-Free Warranty offered on all sound products from Ashly. All GQX models are also U.L. Listed to meet the requirements of permanent installations.

FEATURES:

- Detented Metal-Shaft Fader
- Precision Wein-bridge Filters for Accurate Response and Low Distortion
- Constant "Q" Design with Low Ripple and Accurate Response Near the "Flat" Setting
- Balanced XLR, 1/4", and Barrier Strip Inputs
- Servo-Balanced XLR, 1/4", and Barrier Strip Outputs
- Selectable 15dB or 6dB range on 31-band models
- Switchable-Tunable Low-Cut Filter on 31-band models
- 10 Position, 2 Color LED Level Meter plus Peak LED Indicators on 31-band models

GQX SPECIFICATIONS:

Input type:	Active balanced
Input impedance:	20kOhms
Max. input level:	+23dBu
Output type:	Servo-balanced
Min. output load impedance:	600ohms
Max. output level:	+23dBu
Connectors:	1/4" phone jack, XLR, and barrier strip
Frequency response:	20Hz-20kHz, \pm .25dB
Total harmonic distortion:	<.01% @ +20dBu
IM distortion (SMPTE):	<.01% @ +20dBu
Output hum and noise:	<-92dBu (unweighted)
Channel separation:	
GQX-1502:	>85dB @ 1kHz
GQX-3101/3102:	>95dB @ 1kHz
Gain control:	∞ to +6dB
Filter type:	Constant Q/Wein Bridge
Bandwidth:	GQX-1502: 2/3 octave GQX-3101/3102: 1/3 octave
Tolerance:	\pm 3%
Range:	
GQX-1502:	\pm 15dB
GQX-3101/3102:	\pm 6 or \pm 15dB
Subsonic filter:	
GQX-1502:	18dB/octave @ 40Hz
GQX-3101/3102:	12dB/octave, 12-285Hz
Power requirements:	120VAC, 50-60Hz (240VAC available)
Power:	
GQX-1502/3101:	12W
GQX-3102:	17W
Shipping weight:	
GQX-1502/3101:	10lbs
GQX-3102:	15lbs
Dimensions:	
GQX-1502/3101:	19" L x 3.5" H x 6" D
GQX-3102:	19" L x 5.25" H x 6" D

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

