

## GEQ1502F

15-Band Graphic Equalizer with Feedback Detection System

## GEQ3102F

31-Band Graphic Equalizer with Feedback Detection System



## Features

- ▶ Ultra low-noise operation
- ▶ Professional 15-band stereo Graphic Equalizer for live and studio application alike (GEQ1502F)
- ▶ Professional 31-band stereo Graphic Equalizer for live and studio application alike (GEQ3102F)
- ▶ FB.D Feedback Detection circuitry instantly reveals problem frequencies in your audio
- ▶ Low cut filter removes unwanted low-frequency sounds
- ▶ High cut filter helps users better determine frequencies they wish to work with (GEQ3102F)
- ▶ Dedicated subwoofer output with crossover control
- ▶ Accurate 4-digit output level meter (GEQ1502F)
- ▶ Accurate 6-digit output level meter (GEQ3102F)
- ▶ Gain control for adjusting input levels
- ▶ High quality workmanship and sturdy construction
- ▶ Balanced 1/4" TRS and XLR input and output connectors

## Description

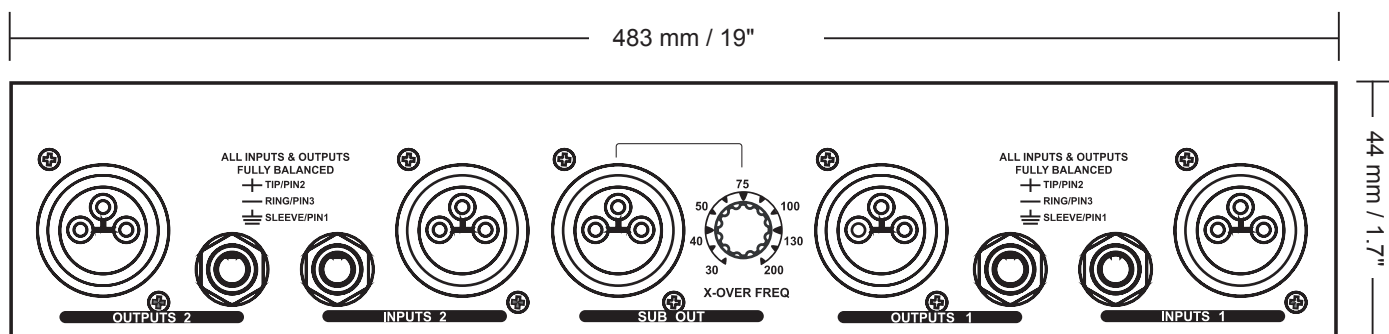
The Phonic GEQ1502F and GEQ3102F are the authentic soundman's choice of EQ. The GEQ1502F is a dual channel 15-band equalizer, offering either 6 or 12 dB of cut or boost in 2/3 octave steps, with standard ISO center frequencies between 25 Hz and 16 KHz. The GEQ3102F is a dual channel 31-band equalizer, offers 6 or 12 dB of cut or boost in 1/3 octave steps, with standard ISO center frequencies between 20 Hz and 20 KHz. The units offer both 1/4" and XLR inputs and outputs, and has 4-segment metering on output channels. The GEQ1502F is a single rack space unit, while the GEQ3102F is 2-rack units high. The Phonic GEQ graphic equalizers are ideal for both touring and fixed PA installations.

# GEQ1502F/GEQ3102F

## Professional Graphic Equalizer

### Dimensions

GEQ1502F | GEQ3102F



### Specifications

	GEQ1502F	GEQ3102F
<b>Audio Inputs</b>		
Inputs	Balanced XLR and 1/4" TRS connectors	
Impedance	40 kΩ balanced and unbalanced	
Maximum Input Level	+21 dBu balanced and unbalanced	
CMRR	typ. 40 dB, >55 dB @ 1 kHz	
<b>Audio Outputs</b>		
Outputs	Balanced XLR and 1/4" TRS connectors	
Subwoofer Out	Balanced XLR connector	
Crossover Frequency	Variable, 30 - 200 Hz	
<b>System Specifications</b>		
Frequency Response	10 Hz to 50 kHz, +0.5/-3dB	10 Hz to 30 kHz, +/-3 dB
S/N Ratio	22 Hz to 22 kHz >94 dB @ +4 dBu	
Distortion (THD)	typ. 0.006% @ +4 dBu, 1 kHz, Gain 1	
Crosstalk	typ. -70 dB @ 1kHz	
<b>Roll-Off Filter Section</b>		
Type	12 dB/oct., Butterworth	
Input	Variable (-15 dB to +15 dB)	
Low Cut	Switchable, cutoff @ 25 Hz	Variable (10 Hz to 400 Hz)
High Cut	N/A	Variable (2.5 kHz to 30 kHz)
<b>Graphic Equalizer</b>		
Type	Stereo 15-band equalizer	Stereo 31-band equalizer
Frequency Range	20Hz to 16kHz in 15 bands (ISO frequencies)	20 Hz to 20 kHz in 31 1/3-octave bands (ISO frequencies)
Bandwidth	2/3 octave	1/3 octave
Control Range	+/-6 dB or +/-12 dB (switchable)	
<b>Function Switches</b>		
Audio In/Out	Switch to bypass the equalizer functions	
I/O Meter In/Out	N/A	switches the meter display from input to output
Range	Shift of the maximum cut/boost range for all 31/15 bands	
Low Cut	Activates the high pass filter	-
<b>Indicators</b>		
Input/output Level	4-segment LED display: -20/0/+6 dB/CLIP	12-segment output display: -30/-24/ -18/-12/-6/-3/0/+3/+6/+9/+12dB/CLIP
<b>Power Supply</b>		
Mains Voltage	USA/Canada 120 V~, 60 Hz Europe/U.K./Australia 230 V~, 50 Hz Japan 100 V~, 50 - 60 Hz General export model 120/230 V~, 50 - 60 Hz	
Power Consumption	22 W	35 W
Fuse	100 - 120 V~:1A 200 - 240 V~:T500mAH	
Mains Connection	Standard IEC receptacle	
<b>Dimensions/Weight</b>		
Dimensions (W x H x D)	483mm x 44mm x 212mm (19.0" x 1.7" x 8.4")	480mm x 88mm x 148mm (18.9" x 3.5" x 6.0")
Weight	2.15 kg (4.74 lbs)	2.5 kg (5.51 lbs)