

# Q2031B

## Stereo 31-band Graphic Equalizer



# Q2031B

2U



Rear Panel

***Professional graphic EQ performance for live sound, recording, production, broadcasting, music listening, or any other critical application.***

- Two independent channels of graphic EQ with full 31-band control from 20Hz to 20kHz.
- Selectable  $\pm 6$  dB or  $\pm 12$  dB EQ ranges.
- Exceptionally quiet operation with less than 0.05% total harmonic distortion.
- Noise levels below -96 dB with a smooth, natural sound that is compatible with digital sources.
- Continuously variable high pass filters on both channels provide 12dB/octave roll-off below any frequency from 20 Hz to 200 Hz.
- Balanced +4 dB 1/4" phone jacks and balanced XLR jacks for both input and output.
- Independent peak indicators for each channel light when the output signal reaches 3 dB below clipping.
- EQ ON/OFF switches provide one-touch EQ bypass and instant comparison.
- Rugged 19" rack mountable design.
- Optional security cover.

### OPTIONS

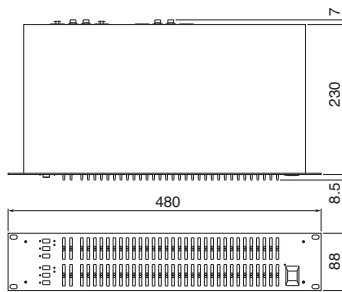
**SC-2031**  
Security Cover

# Q2031B

## GENERAL SPECIFICATIONS

<b>Total harmonic distortion</b>	Less than 0.05% (@+4dB 600Ω EQ=FLAT)
<b>Frequency response</b>	20Hz to 20kHz+0.5dB,-0.5dB (@+4dBu 600Ω)
<b>Hum &amp; noise level</b> (20Hz to 20kHz), $R_s=150\Omega$	-96dBu (EQ=ALL FLAT INPUT LEVEL MAX)
<b>Center frequency</b>	20Hz to 20kHz (1/3 oct 31band)
<b>Level control</b>	+/-12dB / +/-6dB (selectable)
<b>Filter</b>	HPF = -12dB/oct 20Hz to 200Hz variable
<b>Power requirement</b>	AC100V, 50/60Hz AC120V, 60Hz AC230V, 50Hz
<b>Power consumption</b>	20W
<b>Dimensions (W x H x D)</b>	480 x 88 x 230mm (18.7" x 3.4" x 9"), 2U
<b>Weight</b>	4.0kg (8.8lbs)

## DIMENSIONS



unit : mm

## ANALOG INPUT SPECIFICATIONS

Terminal	Actual Load Impedance	For Use With Nominal	Sensitivity	Max Level before Clip	Connector
INPUT(A,B)	15kΩ	600Ω Lines	+4dBu	+24dBu	XLR-3-31 type* TRS phone jack*

## ANALOG OUTPUT SPECIFICATIONS

Terminal	Actual Load Impedance	For Use With Nominal	Sensitivity	Max Level before Clip	Connector
OUTPUT(A,B)	150kΩ	600Ω Lines	+4dBu	+24dBu	XLR-3-32 type* TRS phone jack*

**PEAK**  
CONFERENCE  
[www.PeakConference.com](http://www.PeakConference.com)