

### Basic Description

The SEQ-2 is an embedded accessory that provides two independent channels of graphic equalization. Five trimpots on each channel adjust boost and cut—up to  $\pm 12$  dB—at 40 Hz, 160 Hz, 630 Hz, 2.5 kHz, and 10 kHz. Each band has a Q of 0.75. Custom frequencies and values of Q are available by special order.

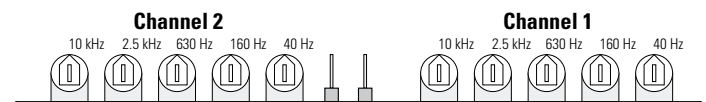
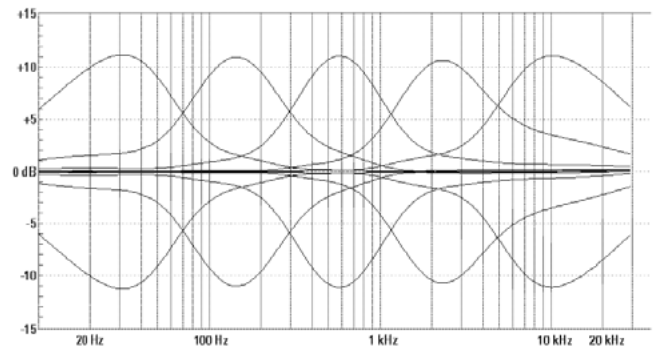
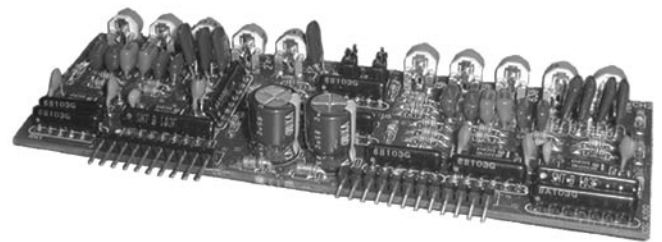
The accessory is compatible with PLX, DCA, CX, and PowerLight (except PL 2.4<sup>MB</sup>, PL 3.4, PL 3.8<sup>x</sup>, PL 4.0, PL 6.0<sup>PFC</sup>, and PL 9.0<sup>PFC</sup>) models fitted with an internal BusCard. It is also directly compatible with MXa, EX, and various legacy CX models. See below for a more detailed list. Because the SEQ-2 mounts inside the amplifier, once you set it you need not worry about tampering; this makes the accessory ideal to use as a default EQ in rental or turnkey systems.

### Compatible amplifier models

- PowerLight models (except PL 2.4<sup>MB</sup>, PL 3.4, PL 3.8<sup>x</sup>, PL 4.0, PL 6.0<sup>PFC</sup>, and PL 9.0<sup>PFC</sup>) with appropriate BusCard installed (Note: Due to space constraints, installing the SEQ-2 on a BSC-2 BusCard is not recommended)
- PLX, CX, and DCA models with appropriate BusCard installed
- MXa and EX models
- Legacy CX models CX6, CX6T, CX12, and CX12T

### Features

- Two channels of independent graphic EQ
- Five bands with up to  $\pm 12$  dB boost or cut
- Mounts inside amplifier; virtually tamper-proof
- Adds EQ functions without requiring additional rack space, cabling, or AC outlets
- Precision components for accurate performance
- Active balanced inputs



Adjustment trimpots on the SEQ-2

SEQ-2 SPECIFICATIONS	SEQ-2
<b>GENERAL INFORMATION</b>	
Operating temperature	0-70° C
Input type, each channel	Electronically balanced differential
Input impedance	20.0 kΩ balanced; 10.0 kΩ unbalanced
<b>CONTROLS (each channel)</b>	
Boost/cut	Five trim potentiometers, corresponding to 40 Hz, 160 Hz, 630 Hz, 2.5 kHz, and 10 kHz
<b>CONNECTORS</b>	
Input/output/power	22-pin (10+12) "Mini-Slot" header, mounts to BusCard or Open Input Architecture input board
<b>GENERAL AUDIO</b>	
Boost/cut	up to ±12 dB
Center frequencies	40 Hz, 160 Hz, 630 Hz, 2.5 kHz, and 10 kHz (custom frequencies available)
Filter Q	0.75 (custom values available)
Dynamic range	118 dB nominal
Total harmonic distortion	Less than 0.1%
Signal to noise ratio	Better than 100 dB

Specifications subject to change without notice.

