

**Basic Description**

The SEQ-1 is an embedded accessory that provides two independent channels of shelving equalization for basic tone control. Two trimpots on each channel adjust boost and cut for high and low frequencies—up to  $\pm 13$  dB at 20 Hz and  $\pm 10.5$  dB at 20 kHz.

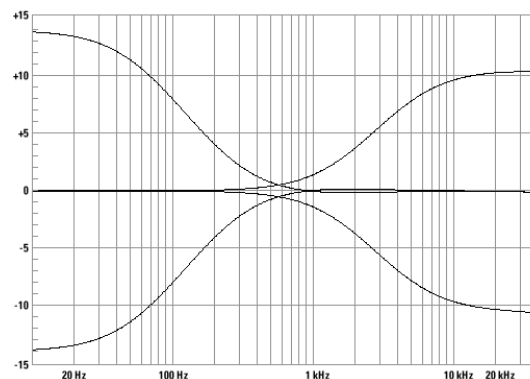
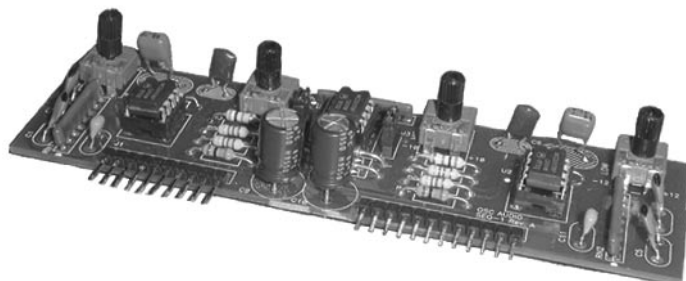
The accessory is compatible with PLX, DCA, CX, and PowerLight (except PL 2.4<sup>MB</sup>, PL 3.4, PL 3.8<sup>x</sup>, PL 4.0, PL 6.0<sup>PFC</sup>, and PL 9.0<sup>PFC</sup>) models fitted with an internal BusCard. It is also directly compatible with MXa, EX, and various legacy CX models. See below for a more detailed list. Because the SEQ-1 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
- 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 high- and low-frequency shelving EQ
- LF boost/cut range of  $\pm 13$  dB
- HF boost/cut range of  $\pm 10.5$  dB
- 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



<b>SEQ-1 SPECIFICATIONS</b>	<b>SEQ-1</b>
<b>GENERAL INFORMATION</b>	
<i>Operating temperature</i>	<i>0–70° C</i>
<i>Input type, each channel</i>	<i>Electronically balanced differential</i>
<i>Input impedance</i>	<i>20.0 kΩ balanced; 10.0 kΩ unbalanced</i>
<b>CONTROLS (each channel)</b>	
<i>Low frequency boost/cut</i>	<i>Trim potentiometer adjustable up to ±13 dB @ 20 Hz</i>
<i>High frequency boost/cut</i>	<i>Trim potentiometer up to ±10.5 dB @ 20 kHz</i>
<b>CONNECTORS</b>	
<i>Input/output/power</i>	<i>22-pin (10+12) “Mini-Slot” header, mounts to BusCard or Open Input Architecture input board</i>
<b>GENERAL AUDIO</b>	
<i>Dynamic range</i>	<i>118 dB nominal</i>
<i>Total harmonic distortion</i>	<i>Less than 0.1%</i>
<i>Signal to noise ratio</i>	<i>Better than 100 dB</i>

*Specifications subject to change without notice.*