



Stereo Q

The **STEREO Q** is a parametric 5-band stereo EQ which excels particularly in two ways:

- It is the first stereo EQ in its class
- Serial filter design based upon the legendary Qure EQ grants exceptional tonal capabilities

Coil filtering and the musical, user-friendly proportional-Q design are further attributes to redefine the state of the art in sound design and control.

The continuously increasing number of stereo equipment such as stereo keyboards, sampler and guitar amps together with the broad range of sundry stereo effect gear reinforces the need for utilization of stereo equalizers. Furthermore the processing of stereo tracks in the console's subgroups (drums, loops, synth or vocal groups for example) or master tracks is facilitated and improved by using a stereo EQ.

All control functions for both channels can be adjusted with one control – a large time saver. It is extremely important however that both channels are assured of being adjusted equally. Differing adjustments could cause unsuitable correlations of the stereo program, the correction of which is very complicated. The close adjustment-tolerances of the STEREO Q reliably avoid this problem which makes it an extremely suitable unit for inclusion in a 5.1 surround studio where the need for coherent twin matching of both channels (front L/R or surround L/R) is paramount.

Low, Mid and High filters operate to the proportional-Q principle, which means that the maximum boost or cut is dependant upon the bandwidth: a large bandwidth is automatically treated more sensitively than a narrower bandwidth. This is in line with human hearing sensitivity and allows most efficient processing.

All filter circuits are designed serially to prevent mutual influencing of the filters. All components used are of high and selected quality.

Additionally the design of a clearly arranged front panel with comprehensive legible scaling was given high priority; large handy buttons with detented potentiometers guarantee a fast and assured adjustment.

Features

- **Three fully parametric bands** in musical proportional-Q design, Boost/Cut +/- 15 dB, Q 0,5 - 5
LOW: 10-250 Hz, MID: 140 Hz-3 kHz, HIGH: 940 Hz-24 kHz
- **Sub-Bass-EQ:** (Cut/Boost +/- 14 dB, 10-200 Hz) coil filtering for punchy, "breathing" sounds
- **Air-Band-EQ:** selected coil filter stage for brilliant top ends
- Novel **3D-Enhancer** to intensify the impression of spatial sound sensations without corrupting deep frequency ranges
- Optionally equipped with **Lundahl input and output transformers**

Specifications

I/Os

Nominal input level	+6 dB
Input impedance	= 22 kOhms
Output impedance	∞ 600 Ohms
Max. input level	+20 dBu
Max. output level	+20 dBu
Minimum load ohms	600 Ohms

Relay Hard Bypass/Power Fail Safety

Power Supply

Toroidal transformer	15 VA
Fuses (230 V/115 V)	200 mA/400 mA

Ground-Lift switch, Voltage selector

Dimensions

Housing	Standard EIA 19" /1U, 482 x 44 x 237 mm
Weight	3,4 kg

Note: 0 dBu = 0.775 V.

Stereo Q Rear view

