

SQN-4S_mini mk II

Miniature 4:2 ENG Audio Mixer

The smallest of our broadcast quality stereo portable mixers for TV, film and radio locations

The SQN-4S_mini, an upgraded revision of the SQN-2S which created new size and weight benchmarks for the miniature ENG mixer, has placed the essence of the well known SQN-4S Series IVe 4:2 mixer into a case identical in size to the earlier SQN-3M mono mixer.



A new version, the **SQN-4S_mini mk II**, has been developed and now permits line input on all channels and provides individual pre-fade output of all 4 channels. This tiny mixer is capable of carrying out virtually any of the tasks commonly required of a portable mixer in location recording and outside broadcast.

Two of the input channels, CH1 & CH2, are conventional microphone channels with the full range of powering bass cut and attenuation. This pair can also be MS matrixed. The second pair, CH3 & CH4, have a reduced gain and no powering. They are intended for use with Radio Mics or other self-powered mics. All channels can be routed Left, Right or Centre (both).

The mixer includes balanced transformerless input and output amplifiers, virtually unbreakable analogue level meters, pre-fade listening (on CH4), slating microphone, a minimal length audio path with the option of MS matrixing of CH1 & CH2. The limiter is identical to the design already proven in the SQN-4S as is the low distortion tone oscillator. MS decoding of the monitoring is also provided.



Front Panel



Connector and Routing End Blocks

The essential information for connecting to and operating the mixer is permanently printed on the baseplate.



Dimensions

The dimensions of the mixer case are: Height 44mm, Width 210mm, Depth 120mm

Weight

The weight of the mixer without batteries is 1.1kg

Construction

The outer case of the mixer is made of aluminium. The Connector and Routing End Blocks are milled from solid aluminium bar, as is the Battery Compartment Door. The circuitry is constructed on multi-layer printed circuit boards with internal ground and power planes which ensure the integrity of the internal grounding system.

All control knobs are special to SQN and are turned and milled from solid aluminium bar. The internal battery compartment is milled and bored from a solid block of polyacetal engineering plastics material and the moving parts are aluminium and stainless steel

All labels and legends on the mixer are permanent. On the end blocks they are engraved; on the Front Panel they are printed into the hard-anodised surface; on the baseplate they are reverse printed on a polycarbonate label.

The mechanical construction is a development of a system which has proven in the past to be resistant to mechanical damage

The SQN-4S_mini mk II mixer offers the professional recordist:

- * Unsurpassed sound quality
- * Industry standard acceptability
- * User friendly ergonomic layout
- * Tried and tested electronic design
- * Superior mechanical engineering
- * Lowest running costs
- * Highest resale value
- * Long trouble-free service
- * The utmost in portability
- * Efficient factory back-up service