

CX Zoner



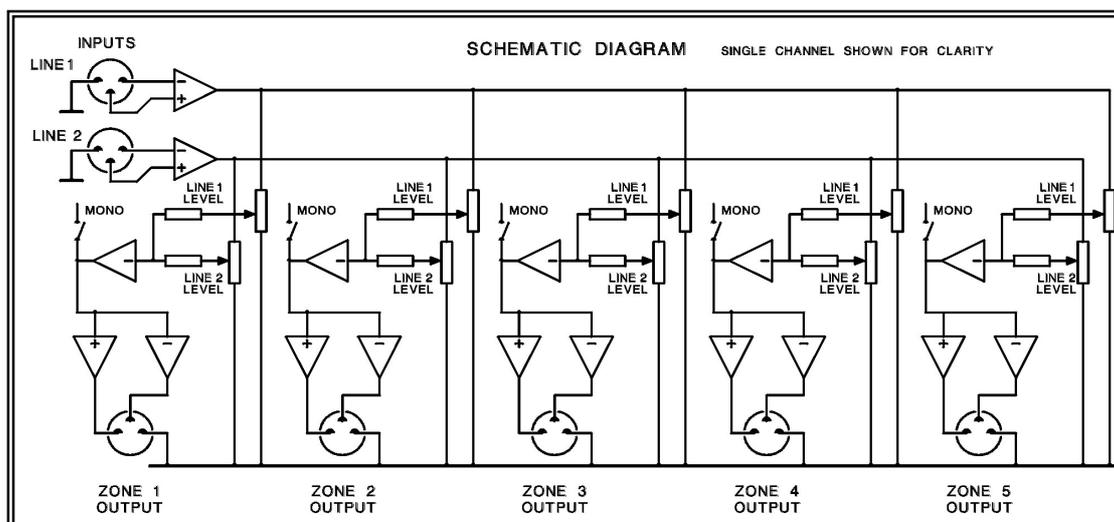
The Cloud CX Zoner has been designed to extend the line level output facilities of any sound mixer, and is particularly useful in a modern complex night-club sound system. When used in conjunction with the Cloud CXM mixer, full control of the microphone and music levels in five zones can be achieved.

The separate music and microphone outputs on the CXM mixer connect directly to the stereo Line 1 and Line 2 inputs on the Zoner. Five zones are provided, each with independent level controls for microphone and music with a gain range from infinity to +10dB. Each control has a centre detent for accurate setting of 0dB. Each zone can be switched independently into mono mode if required. LED's on the front panel indicate input signal presence and stereo or mono operation of each zone. Gold plated XLR's are used for all input connections. All input and output circuits are balanced and utilise low noise, high slew circuits.

A tamper proof security cover is supplied for applications where pre-set levels are required.

Whilst it is fair to say that the CX Zoner was designed to compliment the CXM mixer, it should not be regarded as a dedicated unit. It can be used to reliably interface any mixer with any sound system. Typical uses other than extending the output facilities of the CXM are where signals from a DJ mixer share the same amplification as a PA mixer or perhaps where two DJ mixers are used as part of one system, or simply as a line distribution amplifier.

Schematic



Technical Specification

Input Impedance	>10K Ω
Nominal Input	0dBu (775mV)
Maximum Gain	10dB
Nominal Output	0dB
Maximum Output	+25dBu
Minimum Output Load	600 Ω
Frequency Response	20Hz – 20KHz \pm 0.1dB
Distortion (+10dBm)	1KHz < 0.004%, 20Hz – 20KHz < 0.008% 80KHz Bandwidth
Noise (ref 0dBu)	-95dB CCRIR-ARM typ, -94dBA typ
Crosstalk	-75dB 1KHz typ

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In the interest of continuing improvements Cloud Electronics Limited reserves the right to alter specification without prior notice.