

MARCUS WILSON STUDIO EQUIPMENT HIRE

AMEK System 9098 Mic-amp Equaliser

The System 9098 EQ is a high performance equaliser and preamplifier designed to originate microphone signals of the highest quality and to process signals generally in terms of frequency response. The circuitry is based on the research Mr Rupert Neve put into the early 9098 console and the approach bears many similarities to that used in the 9098.



Classic Design, Performance and Reliability.

An Introduction to the System 9098 Dual Mic Amp by Rupert Neve the Designer.

“Purists might say they would like to set everything flat in the hope that this might provide a ‘natural’ or unprocessed sound. In nature, however, nothing is flat. Every sound we hear has been influenced by acoustic or mechanical resonances, be they from rooms, instruments, loudspeakers, microphones or other sources. The finest musical instruments have achieved their qualities through years - sometimes centuries of listening and adjusting resonances, and therefore, the generic frequency response and attendant shifts in phase. Let us never be reluctant to employ a good equaliser to get musically desirable results!

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Paramount importance has been given to the sonic quality of the audio path, taking great care to retain the highly-prized musical character of the famous old designs of this pedigree.”

Mr. Rupert Neve

Specs:

Frequency Response 200R Source -10K Load

0dB gain <10Hz -3dB 20Hz -0.2dB 20kHz -0.1dB >110kHz -3dB
66dB gain <10Hz -3dB 20Hz -1.2dB 20kHz -0.4dB >110kHz -3dB

THD+Noise 200R Source - 10K Load - measured @ +20dBu

0dB gain 20Hz <0.01% 20kHz <0.01%
66dB gain 20Hz <0.03% 20kHz <0.06%

Noise

200R Source - 22Hz to 22kHz (RMS)
EIN 66dB gain -128dBu
Output Noise 0dB gain -105dBu

Frequency Response

200R Source - 10K Load - Gain Unity
All EQ bands and Filters bypassed 20Hz to 20kHz ± 0.2 dB
All EQ bands In 20Hz to 20kHz -0.15dB to 0.6dB
All EQ bands and Filters In 20Hz to 20kHz -3dB to 0.6dB (20Hz Filter)