

# MARCUS WILSON STUDIO EQUIPMENT HIRE

## **AMEK System 9098 Dual Mic Amp**

The System 9098 Dual Microphone Amplifier followed in the footsteps of the early 9098 console, the System 9098 Equaliser and the System 9098 Remote Control Mic Amplifier, sharing many of the same features and of course impeccable clarity of sound.



**Manufacturer's Description:** The need for excellent microphone signal quality in contemporary audio production has never been greater. Although the audio path is often fully digitized, the microphone remains the primary interface between the signal path and the real world. A microphone cannot feed long lines without signal degradation; lengths in the order of 25 metres can degrade performance audibly, and even in a normal recording studio cable runs are often greater than this. Critical importance therefore attaches to the performance of the microphone amplifier, whether its output is in the original analogue form or converted to digital. The System 9098 Dual Microphone Amplifier follows in the footsteps of the early 9098 console, the System 9098 Equaliser and the System 9098 Remote Control Mic Amplifier, sharing many of the same features and of course impeccable clarity of sound.?

**Specs:** Noise 150R source. Figures measured with RMS rectifier, 22Hz-22kHz filter. Equivalent input noise (66dB gain) RMS -128dBu Output noise floor (0dB gain) RMS -100dBu Frequency Response Measured from a 150R source driving an open circuit load. 0dB gain 20Hz - 20kHz -0.1dB <10Hz and >110kHz -1.5dB 66dB gain 20Hz -1.2dB 20kHz -0.5dB 10Hz and >65kHz -3dB THD+Noise Measured with 66dB gain when driving +15dBu into 10K load. 0dB gain / 66dB gain 20Hz <0.01%/<0.03% 10kHz <0.005%/<0.04% Crosstalk CH A to CH B, channel set to 0dB gain and driven with +20dBu. Signal level (w.r.t. +20dBu) measured at output B. 20Hz Better than 100dB 1kHz Better than 100dB 20kHz Better than 100dB