

Analog Voltage Generator (K8) Patent WO 92/07861

Updates to this analysis will continue as more experimental evidence becomes available (12-27-2022). Please note that initial diagrams/photos may change accordingly.

According to the Birth Tech section, the Analog Voltage Generator's purpose is to produce the digital signal from the digital control means board into a voltage signal.

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"M" comes from Digital Control Means circuit. Its signal is applied to a series 1k-ohm resistor to the base of the 2N3906. This being a PNP BJT because the logic signal passed through an inverter prior to entering 2N3906 (see digital control means page). The 2N3906 produces a positive polarity, amplified signal. Signal goes through two other BJT stages, 2N3904 and another 2N3906 that are base biased configuration. "Manual Speed Calibration" is a simple potentiometer with wiper arm connected to a SPDT switch. This allows selection to inverting pin #2 of LM741 Op-Amp if desired.

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Figure 1: Analog Voltage Generator is a part of Digital Control Means, in the GMS Unit.

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