

The Q125 Signal Processor provides many useful features normally requiring multiple modules. Audio and control signals can be amplified, attenuated, offset, and inverted all in this one, easy-to-use module. Two sections allow two processes to be performed at the same time.

Processing functions

- Amplification
- Attenuation
- Inversion
- Voltage Source
- Offset Adjustment

Specifications

Panel Size: Single width 2.125"w x 8.75"h.

Input Levels: 10V PP maximum

Output Levels: 20V PP maximum

Power: +15V@8ma, -15V@8ma.

Controls and Connectors

Top Section

Gain Control

Sets the overall gain/attenuation. Full counter clockwise results in an inversion of 200%. Full clockwise results in a non-inversion of 200%.

Offset Control

Adds a positive or negative offset to the waveform. Full counter clockwise results in an offset of -5 volts. Full clockwise results in an offset of +5 volts. Without an input the offset control can be used to generate a voltage source of -5 volts to +5 volts.

Input Jack

Signal to be processed.

Output Jack

Signal output.

Bottom Section

Normal/Invert Switch

Determines whether the output will be inverted or not.

Offset Control

Adds a positive or negative offset to the waveform. Full counter clockwise results in an offset of -5 volts. Full clockwise results in an offset of +5 volts. Without an input the offset control can be used to generate a voltage source of -5 volts to +5 volts.

Input Jack

Signal to be processed.

Output Jack

Signal output.



