

# Q123 Standards

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The Q123 Standards module provides precision voltage and frequency standards.

The voltage section of the module provides precision switching of -10 volts (-10 octaves) to +10 volts (+10 octaves) in 1 volt increments plus precision semitone switching. Useful for switching octaves and selecting scales. Precision mixing is also provided for use with pitch control voltages from keyboards and other controllers.

The frequency section provides a precision 440Hz (A) tone for use in tuning. An on/off switch offers convenient control.

## Specifications

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

**Voltage Standard:** -10.917V to +10.917V +/-0.002V

**Voltage Mixing Precision:** .1%

**Frequency Standard:** 440Hz +/-0.2%, 10V PP, 2% THD Sine

**Power:** +15V@12ma, -15V@12ma..



## Voltage Standard Block Diagram





