

Rubidium Atomic Master Audio Clock

- Very low phase noise -110dBc/Hz @ 1Hz
- Atomic referenced stability and accuracy
- Aging ± 0.5 ppb



The A1000A is based on the E10-LNA Very Low Noise Rubidium Oscillator Module which is a sub miniature atomic clock with Quartzlock's 'active noise filter' technology built in. This rubidium oscillator has 100 x less drift than OCXO's. With short term stability of 0.002ppb/s @ 100s this rubidium oscillator provides significant improvements in performance over other rubidium components.

Features

- Ultra high performance reference
- Multiple output options
- Noise floor -157dBc/Hz

Benefits

- Stability to 0.002ppb
- Ultra low jitter
- 100 x less drift than OCXOs

Applications

- High performance audio systems
- Compatible with any system that expects an external 10MHz input
- High stability low phase noise and low jitter systems
- Compatible with Antelope™ and dCS™ systems

