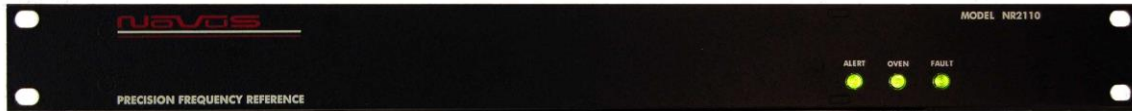


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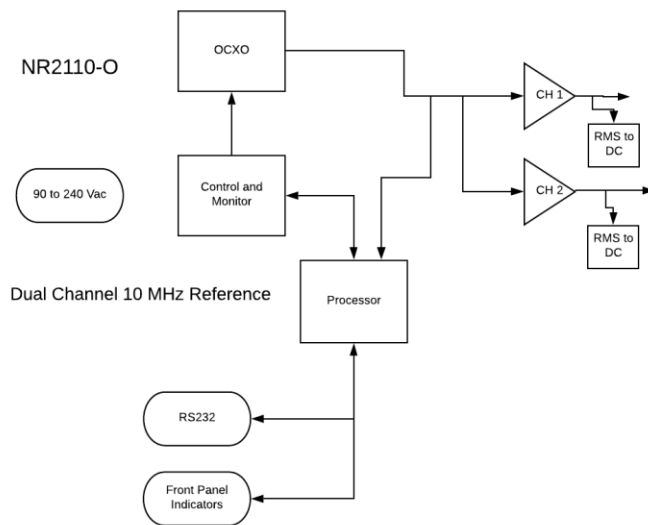
## 10MHz Frequency Reference, OCXO, Dual Channel



### KEY FEATURES

### Product Highlights

Stability  $<\pm 50$  ppb/year



### Low Phase Noise- 10 MHz Sine

Offset Frequency (Hz)	Typical (dBc / Hz)
10	-125
100	-145
1K	-150
10K	-151

The NR2110 is a 10 MHz precision OCXO reference. Excellent aging is achieved through the use of an intrinsically low jitter overtone SC cut crystal placed in a thermostatically controlled oven. Low phase noise is achieved by the inherent characteristics of the crystal and appropriate design techniques.



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## Technical Specifications

10MHz Sine	1.0 Vrms $\pm 0.1$ , 50 Ohm – BNC
Harmonics	Less than -30dB
First Year Frequency Stability	$\pm 50$ ppb
Temp Stability	$\pm 10$ ppb
Daily Aging OCXO	$\pm 5$ ppb/day
Ship Accuracy	$\pm 15$ ppb (10 MHz $\pm 0.15$ Hz)
<b>Remote interface &amp; control</b>	
Protocol	RS232 Novus Status strings-BITE, output amplitude
Connector	DB-9
Location	Rear panel
Protocol	Bit plus stop
Standard Baud Rates	Selectable 4800, 9600, 19200, 38400, 57600 or 115200 bps
Power Requirements	90 to 264 VAC, 50/60Hz

## Environmental and Mechanical

Operating Temperature	0 to 50°C non-condensing (extended temperature range available)
Storage Temperature	-40 to 85°C
Height	1.73" (1 RU)
Width	19.0"
Depth	10.0"
Weight	~5 lbs.

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