

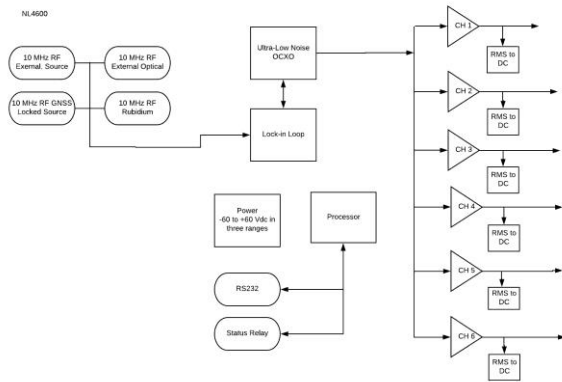
DATA SHEET	NR2310-LIN
REVISION	A
DATE	02-02-18

NR2310-LIN

Six-Channel 10 MHz Lock-IN Amplifier

Ultra-Low Noise

KEY FEATURES



A high-performance Lock-in or Clean-up amplifier that accepts a 10 MHz reference and locks-it to an ultra- low noise OCXO. The unit can include a Rubidium reference or a GNSS locked reference or an external 10 MHz reference (RF or Optical).

All outputs are monitored and accessible via the front panel display or over the internet. AC power or DC power options.

Product Highlights



Six Channels

Six transient and fault protected channels.

Multi-Sourced

External Reference, internal GNSS locked Or Rubidium

Low Phase Noise

Phase Noise dBc/Hz	
Offset Hz	Phase noise
1	-70
10	-115
100	-155
1000	-164
10K	-164

DATA SHEET	NR2310-LIN
REVISION	A
DATE	02-02-18

Technical Specifications

10MHz sine	6 ±1 dBm ,50 Ohm BNC
Harmonics	Less than -30 dBc
First year frequency stability	±50 ppb unlocked
Temperature stability	±10 ppb -unlocked
Connectors	SMA - sine outputs BNC 10 MHz input
AC Input	90 to 250 vac, 50/60hz, IEC 320-C14

Environmental and Mechanical

Operating temperature	0 to 50°C non-condensing (extended temperature range available)
Storage temperature	-40 to 70°C
Width	19 inches
Depth	12 inches
Height	1ru ~1.73 inches
Weight	~5 lbs

This document is copyright © March 8, 2018 Novus Power Products LLC. All rights reserved. This document is provided for information purposes only; contents are subject to change without notice. It is not warranted to be error-free, nor subject to any other warranties or conditions including implied warranties and conditions of merchantability or fitness for a particular purpose.