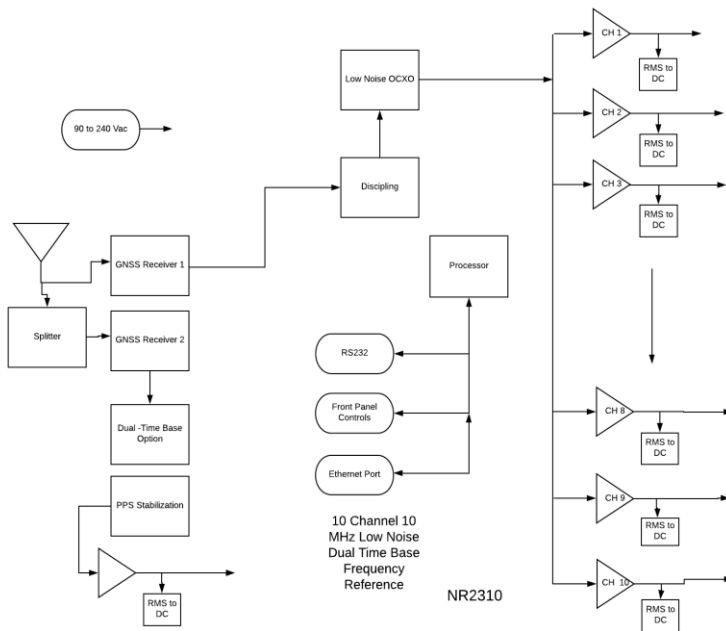


## NR2310D O-G-D

### 10 MHz 10 Channel GNSS Locked Dual-Time Base Reference



#### Crystal

Excellent aging is achieved by using a low jitter overtone SC cut crystal in a temperature-controlled oven.

#### High Sensitivity GPS

26 channel high-sensitivity, high-accuracy Multi-GNSS receiver. Supports TRAIM, GPS, GLONASS, QZSS, SBAS, Active Anti-Jamming and Advanced Multipath Mitigation Functions.

#### Dual Time Base

Independent time base assures reference integrity.

Ten channel reference offer GNSS locked stability with a completely independent integrated gapless frequency counter to assure the integrity of the primary reference. Ten channels meet the needs of most applications without requiring a distribution amplifier. Continuous channel monitoring available locally or via RS232/Ethernet. Dual power source options for AC and DC power driven systems. Auto-calibration minimizes long-term drift.

## Specifications:

10 MHz Sine	1.0 $\pm$ 0.1 Vrms, 15 channel, 50 Ohm - BNC
Locked Accuracy	<3E-11 @ 200 seconds
Temp Stability	$\pm$ 10 ppb unlocked
Daily Aging	$\pm$ 5 ppb unlocked
Yearly Aging	$\pm$ 50 ppb (unlocked) typically < $\pm$ 10 ppb after 30 days auto-calibration
Receiver Sensitivity	-155dBm
PPS	20ns RMS accuracy, 3.3 volt logic (available in 9 channel version)
NMEA -0183	RS232 port
Power Input	90 to 250 VAC, 50/60hz, IEC 320-C14 or 24 VDC (contact factory for options)
Alert	20VDC/VAC, 0.5 amp relay contacts- relay closed for normal condition, BNC
Redundancy	Complete dual amplifier assembly
RS232 Serial Status Port	Status-channel voltages
Ethernet Port	RJ45

## Environmental and Mechanical

Operating Temperature	0 to 50C non-condensing
Storage Temperature	-40 to 70C
Height	1RU (~1.73)
Width	19.0 inch
Depth	13.0 inch
AC input	90 to 250 VAC, 50/60Hz, less than 10 watts
Weight	$\approx$ 5.5lbs

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