

Dear **N Sitaramam**

QUARTZLOCK NEWSLETTER ~ April 2010

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1. GPS Disciplined Frequency and Time Standards.



After Quartzlock's successful launch of its E8 and E8000/8010 series Global Positioning System (GPS) disciplined Frequency and Time standards in 2009 we are pleased to announce our latest addition to this product range the A10-GPS which is a compact, low-cost, low-power requirement GPS disciplined rubidium oscillator for the OEM manufacture that provides the precision frequency and time synchronization required by base stations, optical network nodes, and high-speed digital networks.

The compact A10-GPS OEM products offer Rubidium Atomic Standards which are disciplined to GPS, therefore providing extremely accurate and stable frequency and time. The A10-GPS model includes a Rubidium Standard, a GPS receiver, an external 1PPS input and a Rubidium-GPS disciplining circuit (Digital PLL). The Rubidium Standard is phase locked to the GPS or to the external 1PPS. All outputs are derived from the Rubidium Standard, which maintains the 10MHz and the 1PPS when GPS or external 1PPS inputs are interrupted.

A GPS Disciplined Rubidium Clock frees the user from being continuously dependent on GPS reception, particularly in cases of either intentional or unintentional GPS interruptions.

2. Newsletter sign up

We'd like to send you occasional email newsletters with items of interest to the time and frequency community, press releases and new product information. To request the newsletter [please sign up here](#). We will not send more than 1 newsletter a month on average.

Kind regards

Quartzlock

Quartzlock (UK) Ltd, Gothic, Plymouth Road, Totnes, Devon, TQ9 5LH, England
Phone: +44 (0) 1803 862062 Email: sales@quartzlock.com Web: www.quartzlock.com

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