

Dear **C Wonnacott**

QUARTZLOCK NEWSLETTER ~ June 2013

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1. **Multiple Output Compact Rubidium Frequency Reference.**

After the successful launch new sub miniature atomic clock (SMAC) and portable rubidium frequency reference (E10-P). Quartzlock is pleased to announce the expansion of its compact rubidium frequency reference range with the multiple output compact rubidium frequency reference (E10-Y8).

With the growing telecoms infrastructure and increasing number of remote and underground sites requiring high accuracy references for maintenance and service Quartzlock has developed a compact light weight multiple output rubidium frequency reference with a size of 103(w)x55(h)x122(d)mm and weighing less than 500g and 8 10MHz low noise sine outputs.

The E10-Y8 is a low-cost multiple output timing reference source based on Quartzlock's SMAC Rubidium clock technology and incorporates both Quartzlock's Active Noise Filtering and Distribution Amplifier. It is designed for telecom and metrology test and measurement applications. The Rubidium clock provides highly accurate, stable and reliable output signal this is digitally phase locked to the low noise oscillator using our active noise filter techniques and feed into our eight channel distribution amplifier to provide eight low noise 10MHz sine outputs.

This reference allows up to eight systems or instruments to be connected to the same source ensuring that they are all benefitting from the

The Standard 10 MHz reference source is provided for metrology and calibration laboratory equipment such as universal counters, spectrum analyzers and synthesized signal generators.

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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