

Dear **C Wonnacott**

QUARTZLOCK NEWSLETTER ~ June 2011

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### 1. **New Frequency Distribution Amplifier Launched**

Quartzlock is pleased to announce the launch of its new economy frequency distribution amplifier.

The new E5000 Economy Frequency Distribution Amplifier is a 1U 19" rack mount unit and replaces the lower specification A5000. This new unit allows for a cost effective space efficient means of distributing the reference frequency throughout the entire facility or system without degrading the performance of the original reference signal.

The new distribution amplifier has significantly improved frequency bandwidth (600kHz to 110MHz), phase noise performance (-130dBc/Hz @ 1Hz) and output to input (>75dB) and output to output (Typically <-85dB) isolation, enabling this instrument to be used with high performance references such as Hydrogen Masers and Caesium.

Also Quartzlock's E5-6 Compact Frequency Distribution Amplifier incorporates this new technology and performance providing an excellent low cost, low power high performance solution for system designers, mobile communication systems or where space and power is a premium.

### 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