

UNIVERSAL ENCODER II

FOR ALL SEISMIC SOURCES & SYSTEMS



Fleets of Large Vibrators

Universal Operation

The Universal Encoder II is the cutting edge solution for modern data acquisition. This encoder will initiate, fire, trigger or monitor any seismic source, and pass these events to any seismic recording system. It uses GPS information for unmatched timing precision. For hybrid crews, multiple UE-IIs can be used to synchronize multiple recording systems.

Adaptive Communication

When paired with Force III vibrator decoders or Boom Box III dynamite blasters, UE-II encoders use an intelligent, highly adaptive



Individual Small Vibrators

communication sequencing mechanism to avoid collisions while maintaining fast and accurate status and command delivery over conventional VHF or digital radios.

UE II VIBRATOR MODES

- Conventional Linear and Boosted Sweeps
- Slip Sweep (Shell)
- HFVS (ExxonMobil)
- ZenSeis (ConocoPhillips)
- ISS and DSSS (BP)
- Variable Slip as a Function of Distance
- Interleaved (Flip-Flop) Sweeps



Large Crews



Multiple Recording Systems

UNIVERSAL OPERATION FROM THE DOGHOUSE

Universal Encoder II Features:

- Starts Force II and Force III Vibe Decoders
- Fires Boom Box and Boom Box III Blasters
- Processes Trigger Signals from Remote Trigger Modules (RTM) and Wireless Trigger Boxes (WTB)
- Truly Universal Source Operation



UE-II

Universal Encoder II Specifications:

- 64 sweeps (standard, custom or linked)
- Supports 255 Source Groups
- Supports 255 Source Units
- 24-bit Digital Reference
- ¼ mSec sample rate
- GPS Timing
- Built-In Ethernet
- Built-In 8 Gigabytes of Flash Memory

UE-II operation requires Seismic Source Co's "Source Link" software

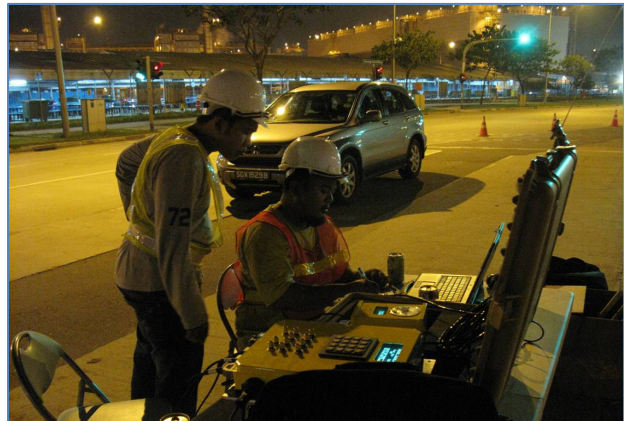
**ANY SOURCE OR RECORDER
ANY TIME OR PROJECT**



Dynamite Blasters

Continuous Recording

Universal Encoder II's are specifically designed to maximize production with the latest Continuous Recording Systems. UE-II encoders store reference sweeps and system start times for use in harvesting data and extracting shot records.



Small Portable Crews



AWDs, EWGs & Sledgehammers