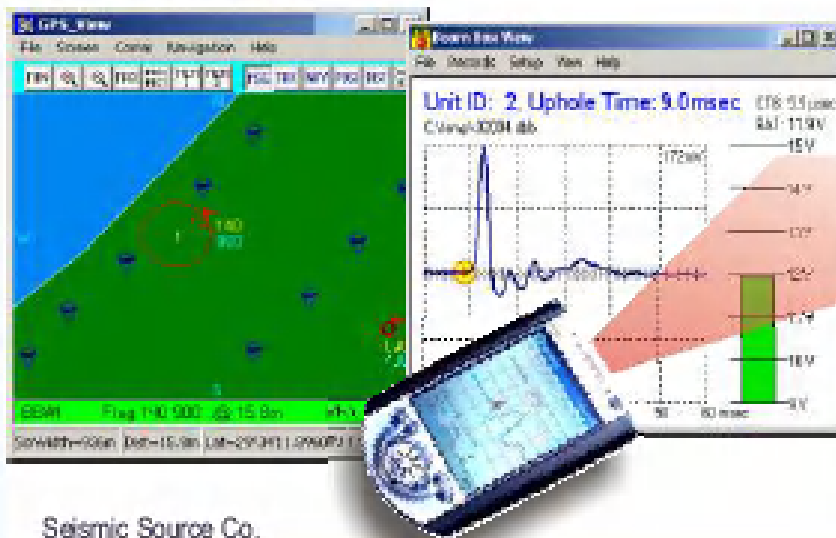




BOOM BOX System

The system for accurate and reliable dynamite operation on seismic recording crews

- Smaller, Lighter and Faster than competitor's product
- Low Cost, Rugged and Reliable
- Simple yet Sophisticated
- Bright easy to read Display
 - Displays Uphole Time
 - Displays Resistance Measurement
 - Displays Encoder and Status Information
- Integrated GPS interface
- Master/Slave/Repeater Modes
- Weight Drop Mode can be used to synchronize Impulse Seismic Sources like the DigiPulse
- Compatible with Pelton Advance II, Vib Pro or Shot Pro Encoders
- PC software provides easy to use graphical interface to all shot information



- Pocket PC Interface:
- Wireless Interface
 - Download all uphole and shot information
 - Load and store parameters

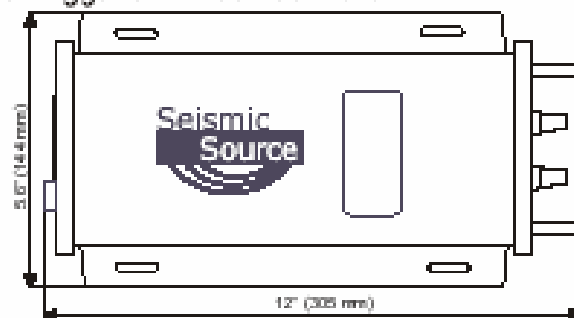
Seismic Source Co.

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Blaster System Contains:	Boom Box General Specifications
Boom Box decoder 12 V Battery Battery Charger VHF Radio Options: Back Pack Pocket PC computer GPS option	Operating Voltage 10 - 36 VDC Sample rate 0.5 millisecond Firing accuracy ± 20 microseconds Firing voltage 400 V Firing current $> 200A$ (0.5 Ohm load) Charging Time < 1 second Dimensions 76x144x305mm (3x5.6x12") Weight 1.4 kg (3.1 lbs) Operating temp. -40° to $+60^{\circ}C$ (-40° to $+140^{\circ}F$)

Features:

- Accurate and repeatable shot firing accuracy, +/- 20 usec
- Automatic Radio Start Time adjust to insure quality of production
- PC software displays, stores and exports all shot information, including Uphole Time, GPS and start time error
- Safety Triple protection against accidental CAP firing
 - **ARM** switch - shorts CAP lines unless switch is held in ARM position
 - **CHARGE** switch - High Voltage is disconnected from CAP lines unless switch is held in charge position
 - **DSP control** - High Voltage is not connected to CAP lines unless commanded by the Digital Signal Processor
- CAP and Geophone test
- Reduced dead time for start command
- Simple and reliable single board construction
- Same lightweight unit used for Encoder and Decoder
- Low Power with auto-sleep mode for longer battery life
- Digital Interface to all major recording systems
- DSP technology for accurate uphole geophone recording and processing
- Decoder Unit can trigger an Air Gun Controller



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