

Featured for 2023SEG/Image

Force 3 Vibrator Controller

- Full autonomous operation support
- Complete support for managed crews
- Compatible with NavLink navigation
- Featuring:
 - Integrated Radio Interface
 - Integrated GPS Interface
 - Equipped with 8GB internal memory
 - Integrated Wi-Fi
 - Integrated Ethernet



Boom Box 3

- Full autonomous operation support
- Complete support for managed crews
- Compatible with NavLink navigation
- Supports digital caps:
 - Austin Powder **E*STAR Seismic**
 - Dyno Nobel **GeoShot**
 - Maxam **Riotronic Xs**
 - Orica **OSEIS** and **OSEIS II**



Remote Trigger Module 3

- Full autonomous operation support
- Complete support for managed crews
- Compatible with NavLink navigation
- Featuring:
 - GPS timing and location
 - Three 24-bit data channels
 - 8GB internal memory
 - Compatible with standard hammer switches
 - Compatible with electro-mechanical vibrators



Wireless Trigger Box 4

- Replaces Trigger Extension Cable
- GPS timing and location accuracy
- One unit at source and second unit at seismograph
- Optional USB removable memory for break backup
- Internal all-day battery
- Shoot faster without dragging the firing line through trees and brush



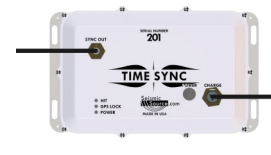
Universal Encoder 3

- Interfaces with SourceLink software to monitor and manage field crews
- Starts Force 3 Vibrator Decoders
- Fires Boom Box 3 Blasters
- Receives Signals from Remote Trigger Module 3
- Compatible with many INOVA™ units
- Supports multiple analog and digital radios



Time Sync Unit 1

- GPS timing without GPS signals
- Utilizes ultra-high precision oscillator
- Calibrate using GPS above ground, then take timing underground
- Internal timing and battery runs over 24 hours, lasts multiple shifts
- Output NEMA 3 serial data strings and Pulse Per Second signal



Bird Dog 3 - 3 channel

- QC geophones and accelerometers
- QC Hydrophones w/ optional sonic tube and amplifier
- Uses GPS timing
- QC one Vibrators on-site, in the field
- Optional Magnetic-Mount Accelerometers
- Outputs report for all tests



Bird Dog 3 - 11 channel

- QC five Vibrators on-site, in the field
- Test Timing and performance, compares all units with encoder
- Uses GPS timing
- Optional Magnetic-Mount Accelerometers
- Outputs report for all tests



Seismic Source Co.

Seismic Source builds hardware and software systems for all seismic data acquisition needs. We make source control electronics for large crews with multiple vibrator fleets, and seismographs for small crews using sledge hammers.

SSC supports all acquisition methods including autonomous and managed, land and marine, surface and downhole.

Our equipment can configure and control all sources including Vibroseis, dynamite, and mechanical impact devices.

SSC seismographs serve clients acquiring active data, as well as those monitoring local or remote project sites.



Innovative Solutions for Seismic Data Acquisition



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Standard DAQlink 4

- 24 channel general purpose seismographs for all projects
- Features:
 - GPS Precision
 - Removable Memory
 - Internal high-speed Ethernet
- 12 channel MASW version available
- **Optimized for small crews running V30 Projects**




Stackable DAQlink 4

- Alternate case design for stacking
- Build recording systems with 48, 96, 120 or more channels
- Up to 32,000 SPS for shot records
- **Optimized for Land and Marine streamer acquisition projects**




Distributed DAQlink 4

- Alternate version with built-in, high-speed, long-distance networking
- Build recording systems with 48, 96, or more channels
- Up to 32,000 SPS for shot records
- **Optimized for land project requiring multiple DAQlinks and real-time data**




DX-6

- 6 channel networkable units
- GPS accuracy in each unit
- Real-time seismic data collection
- Internal memory stores data during network outages
- Trigger seismograph from any node
- Includes power down the line
- **Build systems up to 600 channels**






U-Node 2

- Reuse 408/428 FDU/DSU Equipment
- Each U-Node2 records 1-120 channels, can use multiple nodes
- Adds GPS, Wi-Fi, and autonomous features to system
- Compatible with SSC source control
- **Replace or augment Sercel 408 or 428 systems**




Sigma 4+

- High resolution 4 channel node
- Optional equipment:
 - Internal or external battery
 - Internal or external sensors
 - Internal or external GPS module
 - External microphone
 - External Wi-Fi module
 - Internal Linux-based coprocessor
 - External solar battery augmentation
- **Optimized for long or short term monitoring projects**

PPV Monitoring

- PPV Monitoring with Seismic in Mind
- Utilizes Sigma 4+ digitizers
- Utilizes Inexpensive Android Tablets
- Options include Wi-Fi and external microphone
- System alerts operator of PPV violations
- **PPV Monitor can abort sweeps to prevent damage**




Continuous Recording with Cloud Storage

- Real-time data collection from local or remote locations
- Seismic data stored on cloud servers
- Optional data QC and analysis
- Optional management and control of remote stations
- **Access seismic data from anywhere at any time**




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