

New!

GCS Link

Seismic Source Remote Radio Link



This unit provides a simple to use remote synchronization for two boat source control in OBC, VSP and transition zone surveys. It provides a remote start via a two way radio link (or programmed GPS time). It also sends a real time Field Time Break signal for added confirmation of shot accuracy. The unit is light weight and comes in a 19 in. rack mount configuration.

Standard Features

- Multiple Gun boat and Recording boat synchronization (within 50 usescs)
- Real-Time Field Time Break Transmission
- Powerful VHF/UHF radio for long distance communication
- Transmission of gun timing data for remote recording
- Transmission of navigation data for remote recording
- Transmission of auxiliary data stream for remote recording
- Software adjustable trigger times
- Gun timing data display of GCS90 style header at the recording boat via Windows™ application

Optional Features

- GPS Timing Synchronization (1 usec accuracy)
- High Speed Spread Spectrum Radio (115K baud)

Specifications

Size:	3.47 in. high X 19 in. wide X 18 in. deep (rack mount unit)
Weight:	10 lbs
Synchronization accuracy:	50 usescs with VHF/UHF radio, 1 usec with GPS option
Gun Data Input Format:	Standard GCS90 Header (Others on request)
Remote Data Output Format:	Combination string (Gun data, Nav Data, Aux Data)
Gun, Nav, Aux Interface:	RS232 (programmable baud rates)
Record Data Interface:	RS232 (programmable baud rate)
Trigger Interface:	TTL High or Closure Input
Remote Start Output:	Separate TTL and Closure signals
Remote Trigger Delay:	800 or more (programmable)

RTS Real Time Systems



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