Seismic Source Co.

REMOTE TRIGGER MODULE
FOR ALL IMPACT SOURCES

Now Featuring:
Autonomous Mode
- ✓ **No Radios**
- ✓ **No Repeaters**
- ✓ **No Problem!**

RTM 3 Features Include:

- SSC Compatible – Operates seamlessly with UE 2, Force 3, & Boom Box 3 units
- Integrated Radio Interface – RTM 3 can be used with almost any radio
- Integrated GPS Interface – RTM 3 sends source location back to recording system
- Equipped with internal memory - can operate without radio
- Dual-purpose design, can be used as Encoder or Decoder

Advanced Acquisition Electronics

The Remote Trigger Module 3, or RTM3 3, is a new generation of impact trigger device. It is designed to time synchronize a single seismic source unit with multiple seismic recorders. It can also be used to synchronize multiple seismic recorders. The RTM3 units use an internal high accuracy oscillator that is synchronized to GPS timing information. Each RTM3 unit requires an external GPS receiver with valid satellite information to synchronize the internal clock. Once the internal clock is synchronized the RTM3 can be used without any GPS signal for up to 10 minutes.

Advanced Acquisition Techniques

These units can use GPS timing synchronization for the firing of the shots. This allows the operators to acquire data in Autonomous mode without any VHF Radio communication with the Central Recording System. Individual "Time Slots" are allocated to prevent multiple shooters from firing at the same time. All of the shot information is saved on a non-volatile CF card for later download and analysis.

Small Scale Hammer

Medium Scale EWG

Large Scale AWD

International Seismic Co.

![iSeis logo]

High-Productivity solutions from Seismic Source

Includes Legacy Mode:

- ✓ Compatible with Standard Radios
- ✓ Compatible with Standard Timing
- ✓ Compatible with Standard Crews

Compatible with All Impact Sources

Internal WiFi for Ease of Use

The RTM3 also includes an internal WiFi unit. This WiFi unit is low power and is used for local setup and display of the RTM3 parameters and settings. A standard internet browser is used to connect to the RTM3 unit, so most cell phones, tablets or notebook computers can be used. The Web interface allows viewing and changing of parameters.

Simple Operation

For "Hammer Switch" operation (e.g. sledge hammer or elastic band weight drop) the hammer switch is connected to the RTM 3 unit. When the "Hit" is detected, the decoder immediately keys up the radio and sends a message to the Encoder unit. After the message is received by the Encoder, it outputs a pulse on the "TB line" exactly 1 second after the HIT pulse was received. The Decoder also stores the GPS location of the source and the microsecond accurate TB in its internal memory.

Recommended for use with SSC's Universal Encoder 2

Two-Unit RTM 3 System Configuration