

Impact Function Acoustic Seismic Sensor Trigger I/FASST - 1



- Seismic Detection Operation: Designed to detect projectile impacts, automotive crash tests, missile/rocket/artillery launches, drop tests, ground detonation and above ground air burst events. Electronically filtered for dynamic seismic events.
- Acoustic Detection Operation: Detects incoming rockets, missiles, mortars and artillery. Electronically filtered for compressed waves of incoming projectiles, that do not have to be supersonic wavefronts.
- The I/FASST is designed specifically for triggering high speed cameras, data recorders and scientific instrumentation.
- External operator adjustable digital trigger level (000 to 999 level setting) for very sensitive trigger levels or higher noise immune triggering levels.
- Internal gain control, adjustable by qualified electronic technicians for 10% to 400% gain.
- External visible trigger output indicator.
- Detects less than 0.0001 g (0.001g or 1 cm/sec² seismic events are barely perceptible by human senses) to >0.050g
- Rugged field portable unit.
- Weather resistant anodized and powder coated case.
- Sealed Connectors: BNC +5VDC positive trigger output and -5VDC falling edge (closure) trigger output. MIL spec bayonet power connection. Analog signal output BNC for signal reading and remote sensing.
- Operating temperature range of 0 to 70 degrees C.
- Nominal voltage operating range 24 to 32 VDC @ 0.06 amps, nominal. Battery operation preferred for noise immunity.
- Warranty: Two years parts and labor for manufacturing defects.