

## Acoustic trigger Unit



**Built in battery  
power**

**Compact size**

**User selectable  
sensitivity settings**

**TTL trigger output**

The Specialised Imaging SI-AT1 provides a reliable acoustic trigger for blast or shockwave detection.

Built in battery power within a compact, rugged enclosure allows the AT1 to be used outside in all weathers and independent of mains power for up to 8 hours.

### FEATURES

- Small and rugged
- Battery powered for up to 8 hours
- User adjustable sensitivity
- Standard tripod mounting threads

### SENSOR

Sensor	Piezoelectric acoustic sensor
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### INPUT / OUTPUT SIGNALS

Output	Positive 5V TTL (BNC socket connector) 50Ω termination
Pulse width	30mS
Trigger indicator	LED
Electrical input	Battery powered (Built in) Battery charger included
Low power indicator	LED

### MECHANICAL

Dimension mm (w/d/h)	<b>Unit</b> 152mm x 88mm (5.9" x 3.46") <b>Tripod mount block</b> 16mm high (0.62")
Weight	1Kg (2.2lbs)
Tripod mount	1 x 1/4-20UNC 1 x 3/8-16UNC

### ENVIRONMENTAL

Storage temperature	-20°C to +50°C
Operating temperature	-15°C to +50°C
Charging temperature	0°C to +40°C
Humidity	10—90% RH non condensing
Vibration shock	10—40 Hz Max. 10g in any direction
EMC	Meets all UKCA/EU harmonised standards

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