

PWT™ PORTABLE WIRELESS TRIGGER

TRANSMISSION RANGE: 500 M (1640 FT.) LINE OF SIGHT.

FREQUENCY: 2.4 GHZ, APPROVED FOR USE WORLDWIDE.

RESPONSE TIME: TYPICALLY 50 MILLISECONDS.

TRIGGER TYPES: NORMALLY OPEN, NORMALLY CLOSED, TTL RISING, TTL FALLING.



PORTABLE

Wireless Trigger

An external trigger signal is often the only way to inform an instrument of the correct time to begin recording an event of interest. Many situations make transmission of the trigger signal by cable to the instrument virtually impossible.

If you want to transmit trigger commands to your instrumentation either manually from your remote location, or automatically from the event being recorded, over long distances, or across difficult terrain, then the most practical triggering solution is the PWT™ Portable Wireless Trigger.

MANUAL TRIGGERING

Typically the PWT™ Transmitter is located close to or with the Operator. The PWT™ Push Button Switch is attached to the Normally Open (NO) connector on the PWT™ Transmitter. The PWT™ Receiver is located at a remote location from the Operator near the instrument and connected to the external trigger input of the instrument. When the Operator pushes the PWT™ Push Button Switch the PWT™ Transmitter sends a coded trigger signal wirelessly to the PWT™ Receiver which relays the trigger signal to the instrument.

AUTOMATED TRIGGERING

Typically the PWT™ Transmitter is located close to the event being recorded. A short trigger line or TTL signal line is connected between the event and the PWT™ Transmitter. The PWT™ Receiver is located at a remote location from the event near the instrument and connected to the external trigger input of the instrument. When the trigger signal is received at the PWT™ Transmitter it sends a coded trigger signal wirelessly to the PWT™ Receiver which relays the trigger signal to the instrument.

*FHSS = Frequency Hopping Spread Spectrum

- Easy to use and extremely rugged.
- Superior signal reliability utilizing FHSS* technology.
- Supports manual and automated triggering.
- Compatible with instrumentation external trigger inputs.
- Outstanding operational temperature range.
- Long operational battery life.
- MREL's 1 year Comprehensive Parts & Labour Warranty

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