

DETOMAX[®]

Advanced Initiation Systems

DETOMAX_{RF} - Ex Expendable Wireless Remote Initiator

DETOMAX_{RF}-Ex is an innovative, very easy to use, secure long-range UHF two-way communication remote initiation system. Expendable remote initiators ensure hassle free set-up. The system can command up to 15 remote initiators at a time individually or in any combination. Each remote initiator is associated with a dial selectable position and a dedicated multicolor dimming status LEDs on the hand-held controller hence can be commanded and monitored easily. The operation range extends more than 100km line of sight.

Timer initiated firing version is coming soon!



SPECIFICATIONS

GENERAL FEATURES:

- Two-way secure communication
- 868MHz
- Advanced Encryption Standard AES-128
- Immune to replay attack
- Initiators are programmed to the controller via more secure encrypted infrared. This also eliminates RF emission for programming on site.
- 100+ km LOS range with the stock antenna
- Open circuit and low battery indication

CONTROLLER:

- Up to 15 initiators can be programmed and fired individually or in any combination
- Online status indication of each programmed initiator simultaneously
- Auto shutdown timer
- Durable contactless dial selector with associated multicolor LEDs for each remote initiator
- Dimmable LED display
- Two AA alkaline battery
- IP67

Operating Temperature: -4°F +185°F, (-20°C +85°C) with alkaline battery

Dimensions: 2.80" x 5.04" x 1.02" (71 x 128 x 26 mm) + Antenna 3.54" (90 mm)

Weight: 8.3 oz. (235 g)

EXPENDABLE REMOTE INITIATOR:

- Totally IP67 design with built-in lithium battery
- Safe 3-state on-off switch which directly shunts output when not in operation
- Auto deprime timer 5min.
- Safety timer which blocks priming after power-up for 2min.
- 2 months of battery life-time in listening mode

Firing output: 35V, 2J (shock tubes can be initiated with an electric match)

Operating Temperature -22°F +185°F, (-30°C +85°C)

Dimensions: 1.65" x 1.65" x 1.38" (42 x 42 x 35 mm) + Antenna 3.35" (85 mm)

Weight: 2 oz. (56g)