

ROTHENBUHLER 1680

REMOTE FIRING DEVICE



FEATURES

- Small and Light Weight
- Same Simple Operation as Model 1678
- Up To 8 Remotes
- Point to Point or Mesh Network Communication
- 3/4 mile Range (Line of Sight)
- AAA Lithium "Off The Shelf" Batteries
- Dual Output - Shock Tube and Electric
- IP67 1 meter submersible
- Full 2-way Communication
- Firing and Battery Status for Each Remote
- Sequential Firing

The 1680 Remote Firing Device is Light weight, inexpensive and supports up to 8 remotes with Dual-Output, Non-EI and Electric initiation.

SPECIFICATIONS

Range:	0.75 to 1 Mile Typical (LOS) (1.2 to 1.6 km)
Communications:	<ul style="list-style-type: none"> • 900 MHz FH Spread Spectrum • No License Required • Adjustable Power - Up to 1 Watt • 256-bit AES Encryption
Network Options:	<ul style="list-style-type: none"> • Point-to-Multipoint • MESH
Certifications:	<ul style="list-style-type: none"> • FCC ID: MCQ-XBPSX • Industry Canada: 1846A-XBPSX
Electric Det. Temperature Range:	<ul style="list-style-type: none"> • -22 to -140°F (-30 to +60°C) • MIL STD 810"
Shock Tube Temperature Range:	<ul style="list-style-type: none"> • 32 to 140°F (0 to 60°C) • MIL STD 810"
Environmental:	5' (1.5m) Drops MIL STD 331IP67 Ingress (1m Submersion)
Safety:	<ul style="list-style-type: none"> • Secondary Safety Processor • Shunted Binding Posts • <1 Second Disarm to Safe • Automatic Disarm Timer
Controller Case Size (Antenna Off)	5.3" X 3.1" X 1.1" (147mm x 79mm x 29mm)

Controller Weight:	8.6 Ounces (244g)
Remote Weight:	9.0 Ounces (255g)
Tri-Level LED Display Brightness:	<ul style="list-style-type: none"> • Bright - Outdoors • Medium - Indoors Low Light • Low - Night Vision Goggles
Battery Run-Time:	12 Hours on Standby
Number of Remotes:	Up to 8 remotes
Remote Fire Mode Options:	<ul style="list-style-type: none"> • All, individually or selected groups • immediate or sequential fire
Programmable Sequential Firing:	From 0.5 to 4 Seconds
Remote Fire Capacity:	80 Caps or 3mm shock tube (1750 Maximum Resistance)
Energy:	<ul style="list-style-type: none"> • 390V @ 11.4J (Typical) • 380V @ 8.7J (Minimum)
Arm Time:	12 Seconds (Typical)
Optional Pairing Cable:	Move Remotes Between Different Systems
Indicator	Receive Signal Strength Indications
User Replaceable Batteries:	<ul style="list-style-type: none"> • 3x Energizer Lithium AAA (L92) • 4.5V Nominal Voltage