ROTHENBUHLER 1685
REMOTE FIRING DEVICE

Unveiling the RFI 1685: Where the finesse of RFI 1680 meets the unyielding toughness of the RFI 1678 Mil-Spec. Get ready for seamless sequential firing, advanced mesh networking, mastery over six remotes, and the magic of RF pairing.

FEATURES

- 3/4 Mile Range per Remote (LOS)

- Sequential Firing : 0.5-3 seconds

- MIL-STD 100' (30 meter)

- IR Pairing in Memory

- Simple Operation with up to 6 Remotes

- CR123 Lithium Disposable Batteries

- Duel Output with 380 V (11 Joules) output

- Full 2 ways communication

- Remote Firing & Battery Status

SPECIFICATIONS

Range:	0.75 to 1 Mile Typical (LOS) (1.2 to 1.6 km)
Communications:	• 900 MHz FH Spread Spectrum • No License Required • Adjustable Power - Up to 1 Watt • 256-bit AES Encryption
Network Options:	• Point-to-Multipoint • MESH
Certifications:	• FCC ID: MCQ-XBPSX • Industry Canada: 1846A-XBPSX
Electric Det. Temperature Range:	• -4 to -140°F (-20 to +60°C) • MIL STD 810"
Shock Tube Temperature Range:	• 32 to 140°F (0 to 60°c) • MIL STD 810"
Environmental:	• 5' (1.5m) Drops MIL STD 331 • 100 fy Submersion MIL STD 331
Safety:	• Secondary Safety Processor • Shunted Binding Posts • <1 Second Disarm to Safe • Automatic Disarm Timer
Controller Case Size (Antenna Off)	6.9" X 2.4" X 1" (175mm x 61mm x 25mm)
Controller Weight:	13.1 Ounces (371g)
Remote Weight:	14.2 Ounces (403g)
Tri-Level LED Display Brightness:	• Bright - Outdoors • Medium - Indoors or Low Light • Low - Night Vision Goggles
Battery Run-Time:	12 Hours on Standby
Remote Fire Mode Options:	• All, individually or selected groups • immediate or sequential fire
Programmable Sequential Firing:	From 0.5 to 3 Seconds
Remote Fire Capacity:	80 Caps or 3mm shock tube (175 Ω Maximum Resistance)
Energy:	• 390V @ 11.4J (Typical) • 380V @ 8.7J (Minimum)
Arm Time:	12 Seconds (Typical)
Optional Pairing Cable:	Move Remotes Between Different Systems
User Replacable Batteries:	• (2X) CR 123 A • 6.0V Nominal Voltage
User Replaceable Batteries:	• 3x Energizer Lithium AAA (L92) • 4.5V Nominal Voltage