

Bi-Dir

Wireless demolition system for infantry, based on SED Or LEEFI detonator. Up to 3 Detonation points simultaneously in a single operation. Combat proved.

Control Unit

- Power: 2× CR123 batteries
- Battery life: Up to 200 continuous operating hours
- Arming: 3 NFC safety interlocks (1 for each rem)
- Transmission power: +30 dBm
- Receiver sensitivity: -118 dBm
- Command latency: 0.3 seconds from command initiation
- Command delivery: Each Remote Unit receives the command separately with slight delay (MS) between each other
- Unique Interface features:
 - SAFE button (LEEFI only)
 - Test button: battery status, signal strength, system state, and detonator connection status

Remote Unit

- Activation Range:
 - Electric detonator: 10–50 meters
 - EFI Nabut: Up to 20 meters
- Power: 4× CR123 batteries
- Battery life: Up to 72 hours
- User-defined arming delay
- Transmission power: +30 dBm
- Receiver sensitivity: -118 dBm
- Arming mechanism: NFC safety interlock
- Command latency: 0.3 seconds
- Estimated Communication Range:
 - Open field – up to 5 km
 - Urban area – up to 1 km



Using the NFC safety interlock, each Remote Unit can interface with any Control Unit