

Introduction

Briefcase RCIED Jammer is a portable Bomb Jammer built into a briefcase, designed to defend against radio-controlled improvised explosive devices or RCIED's used by terrorists, assassins, political dissidents, and criminals. It jams the signals of unauthorized transmitting devices in various frequency ranges used to activate explosive bombs. Used by VIP's and explosive ordnance disposal - EOD personnel to jam radio-controlled bombs, the weapons of choice for most terrorists, it acts as a counter-terrorism prevention unit. To protect high profile people from criminal, subversive, political, and industrial sabotage networks, the jammer was engineered as a portable Bomb Ranger, movable from a car to home to office, etc.



A countermeasure system defends stationary or mobile users during explosive detection, bomb detection, and bomb disposal circumstances. As a countermeasure system, its technology was designed with the aim of countering groups who commit acts of terrorism, assassination, and criminal murder. It gives the user the edge against radio-controlled weapons. It acts as a mobile transmitting station, blanketing the vicinity to defend against invisible caches of ammunition and remote controlled bombs (used in ambush or street crime attacks). Dangers posed from tactical operation commands (armed with modern commercial and military radio triggers or communications) can now be challenged.

The Briefcase RCIED Jammer Bomb Ranger is used by:

- Police & Law Enforcement
- The Military Explosive Ordnance Disposal EOD for police & security agency responders
- Bomb Disposal experts
- Explosive Detection applications for weapons inspectors
- Security Companies and Security Professionals
- High Profile Individuals
- Celebrities
- Wealthy Individuals
- Corporate CEO's
- Judges, politicians, & those who are at risk of attack by dissidents, ruthless competitors, and disloyal insiders

Technical Specifications

| Name of parameter | Value of parameter | Note |
|--|--------------------|---|
| Frequency Band | 26-2020 MHz | |
| Interference type | White Noise | |
| Rated voltage of supply, V | 12.6±2 | |
| Joint current consumption of the item at 12.6 V, A, not more | 8.8 | |
| The item provides Imitation of following frequency bands in devices' structure, MHz: | | Deflection ± 0.3(Ft-Fb), Ft- Top border, Fb- The bottom border of a Frequency band |
| 1 sub-band | 26-30 | |
| 1 sub-band | 30-110 | |
| 2 sub-band | 110-400 | |
| 3 sub-band | 400-960 | |
| 4 sub-band * | 1000-1800 | |
| 4 sub-band | 1800-2020 | |
| Output power of the item, not less (Watt) | | Concrete significance of power is determined in contractual documents on manufacturing and delivery of the item |
| For 1 sub-band | 3 | |
| For 1 sub-band | 6 | |
| For 2 sub-band | 9 | |
| For 3 sub-band | 4 | |
| For 4 sub-band ** | 2 | |
| For 4 sub-band | 2 | |
| Time of continuous work of the item from accumulator battery, (hours) | 0.3 | |
| Indication of capacity for work | Light and Voice | |
| Weight, (kg) | | |
| (Without an accumulator battery) | 7.5 | |
| (With an accumulator battery) | 12.0 | |
| Dimensions (of a case), (mm) | 200 x 350 x 800 | Depending on type of a case or other case |
| Operating conditions of Briefcase RCIED Jammer | | |
| Low temperature | - 20 deg C. | |
| High temperature | +40 deg C | |
| Relative humidity at the temperature of 25 deg C. | 98% | |

Note: * Frequency Band transmitter is installed by a separate contract.

** When this transmitter is not installed, it's indicated power is equal to zero (0).