

BLOCKPHONE BP55 Cellular Jammer



Features

- Permanent jamming
- Adjustable transmission power and frequencies
- Handiness and portability
- Infra-Red remote control activation
- Configured up to 5 bands
- All cellular standard available including WiFi/Bluetooth
- Digital power control
- Internal re-chargeable battery

Applications

- Preventing cellular services in small areas for security and protection of personnel
- Engineer search teams and first responders (EOD/IED)
- Hostage negotiations, block all civil communications in a specific area
- Prisons and detention centres
- Government & military establishments
- Rapid deployment units
- Border control



BlockPhone 55 is a high-autonomy portable jammer, designed for outdoor use. This entirely adjustable modular system allows for quick and easy use. The Blockphone 55 has been specifically designed for outdoor applications and is primarily used by engineer search teams, first responders & bomb technicians.

The BP55 is a portable low-power ruggedised smart jammer, designed in a strong ABS hard case, with external antennas.

BP55 can be equipped with 2 to 5 modules (bands), each module (band) being dedicated to a specific cellular frequency range.

In order to precisely protect the area, BP55 output power can be adjusted by the user. Each module (band) transmission power and frequency can be adjusted independently to control the jamming density.

In the event of sensitive tactical missions, several BlockPhone 55 can be used simultaneously to cover complex objectives, approx coverage per unit 10-15 meters.

Technology

BP55 protects an area by disabling all kinds of mobile phones incoming and outgoing communications in that area. By sending out a jamming signal on the dedicated frequency range, the device inhibits all systems using cellular networks and local wireless technologies (WIFI/BLUETOOTH). All communication attempts, calls, sms, mms, data..., are immediately blocked. ■

The use of BlockPhone is governed by law. These products are not for sale or use in the UK.

Technical Specifications

Main function and applications	BlockPhone 55 disables all wireless mobile communications Autonomous and covering a short range, BlockPhone 55 protects	
Jamming technique	BlockPhone 55 transmits a phase-locked loop radio signal on the frequency ranges dedicated for mobile phones, BlockPhone doesn't use communication protocols	
Standards	Frequency ranges	Power
NMT	450MHz	0.5W
CDMA, AMPS, IDEN, NMT, NEXTEL	800MHz	0.5W
ISM, GSM/E, WCDMA	900MHz	0.5W
SATELLITE PHONES	1500MHz - 1600MHz	0.5W
DCS	1800MHz	0.5W
PCS, GSM, IDEN	1900MHz	0.5W
WCDMA, UMTS	2100MHz	0.5W
WIFI / BLUETOOTH	2400MHz	0.5W
Number of different frequency bands	Available in single, dual, tri, quad and five band version	
Modulation	FM	
Transmission power per frequency range	0.5W (27dBm) per frequency range, including a digital power control	
Minimum transmission power	1mW (0dBm)	
Maximum spurious level	Minimum 43dB below maximum level of transmission power	
Antenna type	External omni-directional	
Antenna polarization	Vertical (nominal)	
Antenna gain (typical)	0dBi	
RF output connector	Type SMA female	
Power consumption	Depends on the number of frequency ranges, 24W (max for 4 bands at maximum power level)	
Power supply	Battery NiMH 24V-8000mA/H. Up to 6h autonomy depending on configuration, 12 VDC via external vehicle outlet cable	
Controls and indicators	On / Off switch and indicator, transmission level indicator, frequency range status indicator, IR remote control, overheating indicator, low battery indicator	
Weight (without adapter)	6 Kg (quad band configuration)	
Dimensions (L x W x H) / without antennas	287mm x 246mm x 174mm (W: 298mm with antennas)	
Operating temperature, humidity	-10° to 55°C, 90% non-condensing	
Options	DC/DC car adapter, extra battery, cigar lighter outlet	
Standards and conformity	DO 160D	
Housing	Peli 1300	

Product Codes

BLOCKPHONE 55 Cellular Jammer - Full Systems

- 3-299-950*** BP55 DB (dual-band), adjustable power emitted 0.5W max erp., ruggedised jammer housed in a Peli 1300 case, c/w internal rechargeable battery (up to 6hrs operation)
- 3-299-951*** BP55 TB (tri-band), adjustable power emitted per band 0.5W max erp., ruggedised jammer housed in a Peli 1300 case, c/w internal rechargeable battery (up to 5hrs operation)
- 3-299-952*** BP55 QB (quad-band), adjustable power emitted per band 0.5W max erp., ruggedised jammer housed in a Peli 1300 case, c/w internal rechargeable battery (up to 4hrs operation)
- 3-299-953*** BP55 FB (five-band), adjustable power emitted per band 0.5W max erp., ruggedised jammer housed in a Peli 1300 case, c/w internal rechargeable battery (up to 3hrs operation)

*All kits come come as standard with: Charger, DC/DC car adaptor, IR RCU, external omni-directional antenna(s) & guidance manual

BLOCKPHONE 55 Cellular Jammer - Upgrade

- 3-299-955** Extra rechargeable battery incl. battery charger, 110/220V AC/DC power supply supplied in a separate peli case

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