

# 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

- Rapid deployment units
- EOD and search teams
- Block all civil mobile communications in a specific area
- Border control
- Prisons
- Sensitive sites
- Government & Military Establishments



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 bomb technicians, EOD & search teams.

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

<b>Main function and applications</b>	BlockPhone 55 disables all wireless mobile communications. Autonomous and covering a short range, BlockPhone 55 protects.	
<b>Jamming technique</b>	BlockPhone 55 transmits a phase-locked loop radio signal on the frequency ranges dedicated for mobile phones. BlockPhone doesn't use communication protocols.	
<b>Standards</b>	<b>Frequency ranges</b>	<b>Power</b>
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
<b>Number of different frequency bands</b>	Available in single, dual, tri, quad and five band version	
<b>Modulation</b>	FM	
<b>Transmission power per frequency range</b>	0.5 W (27dBm) per frequency range, including a digital power control.	
<b>Minimum transmission power</b>	1 mW (0dBm)	
<b>Maximum spurious level</b>	Minimum 43 dB below maximum level of transmission power	
<b>Antenna type</b>	External omni-directional	
<b>Antenna polarization</b>	Vertical (nominal)	
<b>Antenna gain (typical)</b>	0 dBi	
<b>RF output connector</b>	Type SMA Female	
<b>Power Consumption</b>	Depends on the number of frequency ranges, 24W (max for 4 bands at maximum power level)	
<b>Power supply</b>	Battery NiMH 24V-8000mA/H. Up to 6h autonomy depending on configuration. 12 VDC via external vehicle outlet cable.	
<b>Controls and indicators</b>	On / Off switch and indicator, Transmission level indicator, Frequency range status indicator, IR remote control, Overheating indicator, Low battery indicator	
<b>Weight (without adapter)</b>	6 Kg (quad band configuration)	
<b>Dimensions (L x W x H) / without antennas</b>	287mm x 246mm x 174mm (W: 298mm with antennas)	
<b>Operating temperature, humidity</b>	-10° to 55° C, 90% non-condensing	
<b>Options</b>	DC/DC car adapter, Extra Battery, Cigar lighter outlet	
<b>Standards and conformity</b>	DO 160D	
<b>Housing</b>	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 re-chargeable 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 re-chargeable 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 re-chargeable 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 re-chargeable battery (up to 3hrs operation)

\*All kits come come as stand with: Charger, DC/DC car adaptor, IR RCU, external omni-directional antenna(s) & Guidance Manual

### BLOCKPHONE 55 - Accessories, Components & Upgrades

- 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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