

BLOCKPHONE BP27 Cellular Jammer



Features

- Permanent jamming
- Adjustable transmission power
- Discreet and modular design
- Infra-Red remote control activation
- Configured up to 4 bands
- All cellular standard available including WiFi/Bluetooth
- Digital power control
- Available in light grey or dark grey housing

Applications

- Block all civil mobile communications in a specific area
- Inside prisons (prison cells)
- Sensitive sites
- Embassies
- Government & Military Establishments
- Hospitals
- Theatres



BlockPhone 27 is a low-power discreet jammer, designed for indoor use. This entirely adjustable modular system allows for quick installation and is easy to use. Specially designed for indoor applications, it can be installed in any location where effective protection against cellular phones is needed.

BP27 can be equipped with 1 to 4 modules (bands), each module (band) being dedicated to a specific cellular frequency range.

In order to precisely protect the area, BP27 output power can be adjusted by the user. Each module (band) transmission power can be adjusted independently to control the jamming density.

Several BP27's can be installed in the same location in order to create a network of devices and increase the jamming efficiency, approx coverage per unit 10-15 meters. In locations close to cellular base stations, it's possible to use several BP27 devices (one or more) for the strong channels and one or more for the rest.

Options include external directional antennas, reflector and light grey or dark grey housing.

Technology

BP27 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 27 disables all wireless mobile communications in sensitive areas and theatres	
Jamming technique	BlockPhone 27 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 and quad-band version	
Modulation	FM	
Transmission power per frequency range	0,5 W (27dBm) per frequency range, including a digital power control	
Minimum transmission power	1mW (0dBm)	
Maximum spurious level	Minimum 43 dB below maximum level of transmission power	
Antenna type	Internal omni-directional (External optional)	
Antenna polarization	Vertical (nominal)	
Antenna gain (typical)	0 dBi	
Power consumption	Depends on the number of frequency ranges, 20W (max for 4 bands at maximum power level)	
Power supply	12V/2A via external AC/DC adapter	
Controls and indicators	On / Off switch and indicator, Transmission level indicator, IR remote control	
Weight (without adapter)	650g (tri-band configuration)	
Dimensions (length x width x height)	265mm x 155mm x 60mm	
Operating temperature, humidity	0° to 50° C, 5% to 80%	
Options	External directional antennas and reflector	
Standards and conformity	DO 160D	
Housing	Light grey or dark grey	

Product Codes

BLOCKPHONE 27 Cellular Jammer - Full Systems

- 3-299-983** BP27 SB (single-band), adjustable power emitted 1W max exp., c/w AC/DC 12V adaptor, IR RCU, internal antenna and guidance manual
- 3-299-984** BP27 DB (dual-band), adjustable power emitted per band 0.5W max exp., c/w AC/DC 12V adaptor, IR RCU, internal antennas and guidance manual
- 3-299-960** BP27 TB (tri-band), adjustable power emitted per band 0.5W max exp., c/w AC/DC 12V adaptor, IR RCU, internal antennas and guidance manual
- 3-299-961** BP27 QB (quad-band), adjustable power emitted per band 0.5W max exp., c/w AC/DC 12V adaptor, IR RCU, internal antennas and guidance manual

BLOCKPHONE 27 - Accessories, Components & Upgrades

- 3-299-991** External antenna for BP27 per band (i.e. tri-band = 3x external antenna)
- 3-299-976** Reflector for BP27
- 3-299-988** Spare Infra-Red Remote Control (IR RCU)

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