Mobile Phone Jammer  
(Breaker / Blocker)
What is Mobile phone Breaker

- The phone Breaker is designed to block communications between mobile phones and cellular base station, without interfering with other communication systems.
Objectives

- Effects on mobile (GSM) phones only
- Unable to initiate calls or SMS messages
- Unable to receive calls or SMS messages
- Unable to communication between mobile phone and base station
- Disconnect call upon entering covered area
Principle of Operation

- Phone Jammer radiate barrage signal at the frequency band used for cellular base station down link transmission

- Mobile phones within coverage area are unable to decode base station signals

- Mobile phones switch to NO SERVICE mode
Target Applications

- Preventing acoustic disturbance caused by mobile phone ring or conversation
- Minimizing hazards of interference to sensitive equipment through handset transmission
- Enforcing policy due to security concerns
Acoustic Market

- Theatres
- Cinemas
- Schools
- Libraries
- Concert halls
- Studios
- Meeting rooms
- Restaurants
- Religious places
- Universities
- Courts
Safety Market

- Hospitals and medical clinics
- Airports and vehicles
- Computer rooms
- Laboratories
- Petrol stations
Security Market

- Police forces
- Bomb squads
- Banks
- Embassies
- Prisons
- Anti-terrorist units
- Gaming facilities
PCB-1000 Unit  Portable Cellular Phone

- PLL synthesized controlled
- Digital: IDEN, TDMA, CDMA, GSM, UMTS
- Analog: AMPS, NMT, N-AMPS, TACS
- Continue Using Time: NI-H battery DC, can continue working when charging.
- Grade Output power 900mW
- Typical jamming radius: 15M-20M
  [the signal must <-80dBm in the given area]
- Battery: NI-H DC 12V / 1600mA / H
PCB-1020 Unit Portable Cellular Phone

- Cover interface standards: GSM, DCS, TDMA, IDEN, WiFi, Bluetooth
- Grade Output power 900mW
- Continue using time: 90 minutes
- Typical jamming radius: 8~10M with unity gain antennas
  [the signal must $\leq -85$dBm in the location]
- Battery: NI-H DC 12V / 1600mA / H
PCB-2000 Unit  Portable Cellular Phone

- PLL synthesized controlled
- Digital: IDEN, TDMA, CDMA, GSM, UMTS
- Analog: AMPS, NMT, N-AMPS, TACS
- Continue Using Time: 90 minutes
- Grade Output power 12W
- Typical jamming radius: 75M
  [the signal must <-80dBm in the given area]
- Battery: NI-H DC 12V / 1600mA / H
PCB-2020 Unit Portable Cellular Phone

- PLL synthesized controlled
- Digital: IDEN, TDMA, CDMA, GSM, UMTS
- Analog: AMPS, NMT, N-AMPS, TACS
- Continue Using Time: 90 minutes
- Grade Output power Hi 12W low 6W
- Typical jamming radius: 40-50M
  [the signal must <=-80dBm in the given area]
- Automatic power switching power supply:
  50 / 60 Hz / AC 100 ~ 240V transmitting to DC 24V.
CPB-1000 Unit

- PLL synthesized controlled
- Dipole antenna
- Wall mounted
- Grade Output power Hi 4W low 2W
- Typical operating radius: 20M-25M
  [the signal must <-80dBm in the given area]
- Input power: 220/110 to 12 V DC
CPB-1010 Unit

- Can remote control
- After work for 24 hours, need close at least five minutes, prevents the jammer too hot and burn out.
- Total output power: 8.0W
- Shielding Radius: 2~50 meters (depends on the signal strength)
- Rules of installation: UL(E190582), CSA(LR11297 Level 3)
- Warranty: 1 year
CPB-1020 Unit

- Can remote control
- Without the time limit, may continue to work
- Total output power: 8.0W
- Shielding Radius: 2~50 meters (depends on the signal strength)
- Rules of installation: UL(E190582), CSA(LR11297 Level 3)
- Warranty: 1 year
CPB-1040 Unit

- Digital: IDEN, TDMA, CDMA, GSM, UMTS
- Analog: AMPS, NMT, N-AMPS, TACS
- Remote Control
- Plastic Housing
- Total Output power: 4W
- Typical operating radius: 20M-25M
  [the signal must <-80dBm in the location]
- Input power: 50/60Hz/AC 100~240V transmitting to DC 24V
CPB-2000 Unit

- PLL synthesized controlled
- Dipole antenna
- Wall mounted
- Grade Output power Hi 12W Low 6.0W
- Typical operating radius: 40M-50M up [the signal must <-80dBm in the given area]
- Input power: 220/110 to 24 V DC
CPB-2050 Unit

- Can cut down frequency 450~470MHz
- Digital: IDEN, TDMA, CDMA, GSM, UMTS, FRS
- Analog: AMPS, NMT, N-AMPS, TACS
- Total Output power: 15W
- Typical operating radius: 30M-50M
  [the signal must <-80dBm in the location]
- Input power: 50/60Hz/AC 100~240V
  transmitting to DC 24V
CPB-3000 Unit

- PLL synthesized controlled
- Patch antenna
- Wall mounted
- Grade Output power Hi 32W Low 16W
- Typical operating: diameter 50M – 100M up [the signal must <= -80dBm in the given area]
- Input power: 220/110 to 24 V DC
CPB-4000 Unit

- A big power mobile phone jammer
- Without the time limit, may continue to work
- Total output power: 100W
- Shielding: diameter 100~200 meters
  - [the signal must <-80dBm in the given area]
- Channel Output Power (min):
  - 13dBm/100KHz
  - 10dBm/100KHz
- AC220V 50Hz or UPS
CPB-5000 Unit

- Total output power: 120W
- Power control: 5W/10W/20W/30W
- Signal source: PLL synthesized
- Temperature over protection
- VSWR over protection
- Working status indicator for each band
- RF Cable: RG214/5M
- Panel Antenna: 15dBi each one
CPB-5000 Unit

- Remote control: RS-485 (Option)

- Cover interface standards: AMPS, N-AMPS, NMT, TACS, GSM, CDMA, iDEN, UMTS

- Designed to cut off wave only in the down-link band width, Therefore it doesn’t affect any interference to base station and repeater

- Jamming range: diameter 200-500 Meters up [the signal must < -80dBm in the given area]
CPD-2000 Unit

- Cover interface standards:
  - Digital: IDEN, TDMA, CDMA, GSM, UMTS
  - Analog: AMPS, NMT, N-AMPS, TACS
- Sensitivity: $\geq -80$ dBm
- Detection Range: 15~30m
- Jamming control (Detection first):
  - Look-Through Jamming control
- Data transmission rate: 2.4Kbps Half Duplex
- Data modulation: FSK
PVB-1000 Unit  portable video

- Available Video System: NTSC, PAL, SECAM, 802.11b/g
- Continue Using Time: NI-H DC battery
- Grade Output power 900mW
- Typical jamming radius: 15M-20M
  [the signal must <-80dBm in the given area]
- Battery: NI-H DC 12V / 1600mA / H
WVB-1000 Unit wireless video

- Total output power: > 3.9W
- (900: 1.3w, 1200: 1.3W, 2400: 1.3W)
- TNC antenna connector
- Automatic power switching power supply: 50/60Hz/AC
  100~240V transmitting to DC 12V
- Jamming range: Radius > 20~30M
  [the signal must < -80dBm in the given area]
PRB-1000 Unit  Portable Recorder Nullifier

- The suppression of audio cassette recorders

- The suppression of audio digital recorders

- For digital recorder, max: 2 meters

  For cassette recorder, max: 8 meters

- Weight: 3Kg (include package)

- Dimension: 57cm × 27cm × 5cm
Cellular Systems Covered

Phone Breaker can be configured to cover any combination of bands/standards

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<td>WVB-1000</td>
<td>&gt;3.9W</td>
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</table>
Phone Breaker can be configured to cover any combination of bands/standards.

### Frequency Band
- 800
- 900
- 1800
- 1900
- 2100

### Cellular Standard
- AMPS (analog)
- GSM
- CDMA
- TDMA
- DCS
- 3G
Performance Considerations

- Effective operating range depends mainly on the signal strength received from nearby cellular base-stations.
- The closer the base station, the lower the operating range.
- The higher the power generated by Phone Breaker, the longer the operating range.
Reliability

- SMT assembly
- 12 months warranty
- Software built-in test
- Good match of Antenna harmonics
Customization

- Phone Breaker is a modular system that can be customized to a variety of systems
- Wide range of antennas for optimized coverage
- Location specific calibration can be applied to provide high performance
- Disguised housing (optional)