

# Sick

of cell phone  
blabber at your premises?



# Mobile Frequency Silencer

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Mobile Frequency  
Silencer

Our cell phone silencers (patent pending) transmit low power radio signals to cut off communications between cell phones and cell base stations. It does not interfere with any communications other than cellular phones within the specified zone.

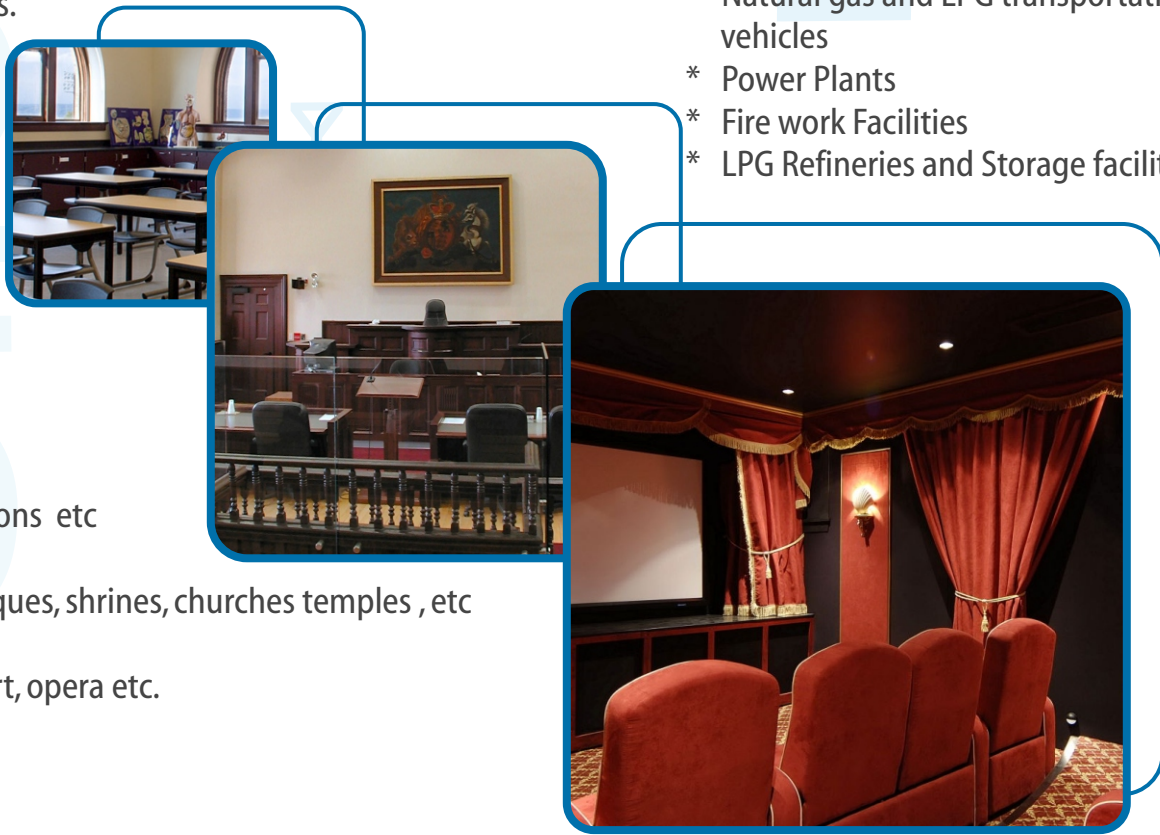
When the silencer is 'ON' the mobile phones within the silencer range indicate "NO NETWORK", All calls are blocked as if the cellular phone were off. When the silencer is turned 'OFF' the cell phones will automatically re-establish network and provide coverage.

## Application Areas

### To Provide Acoustics Isolation

Our silencers provide the complete solution in any premises where cellular communications frequently cause nuisance either by loud incoming call rings or loud cell phone conversations. These are the places where silencers may be used include:

- \* School, Colleges and Universities (classrooms, lecture hall, seminars etc.) and to prevent students from SMS cheating in the examination halls.
- \* Libraries
- \* Museums
- \* Country Clubs
- \* Sporting Events
- \* Recording Studios
- \* TV Stations, Radio Stations etc
- \* Places of Worship (mosques, shrines, churches temples, etc)
- \* Theaters (movie, concert, opera etc.)
- \* Public Transport



### To Address Safety Issues

In accordance with fire code regulations, mobile phone must be switched 'OFF' in any area that has a potentially explosive atmosphere. Areas where silencer usage may be useful include:

- \* Chemical plants
- \* Natural gas and LPG transportation vehicles
- \* Power Plants
- \* Fire work Facilities
- \* LPG Refineries and Storage facilities

- \* Laboratories
- \* Petrol and Gas Stations
- \* Chemical Refineries and Storage Facilities
- \* Petrol and Gas Transportation Vehicles
- \* Offshore Oil Platforms
- \* Places of Worship (mosques, shrines, churches temples, etc)
- \* Theaters (movie, concert, opera etc.)
- \* Public Transport

### To Deal Subversive Activities

With the advent of camera cell phones facilitating recording and transmission of images through internet threat to privacy is on the increase. Mobile phones are innocent looking communication devices that enable continuous transmission of data and voice. In secured places where policy does not warrant the use of cell phone, it is almost impossible to detect a person conducting mobile phone conversations or spot other such misuse, especially when mobile phones are very small. The cell phones that facilitate connectivity to distant locations can also help detonate hidden explosives for inflicting destruction. The places where silencer usage may be allowed

- \* Government Buildings
- \* Law Enforcement Facilities
- \* Jails Court Houses, Embassies and Military Installations

\* Tested at IIT BOMBAY  
 \*\* 25ft x 25ft to 40ft x 40ft (for 0.25W single band/0.75w tri-band silencer)  
 80ft x 80ft to 120ft x 120ft (for 6.0W tri-band silencer)  
 The jamming area range depends on cellular system signal strength

### Safe radiation

Our single band & tri-band silencers radiate 0.25 W/0.75W/6.0W power respectively where as cell phones radiate 1-2W power approximately. Also, during conversation, cell phone is close to the ear where as silencer is placed on a table or mounted on a wall/ceiling in the jamming area. \*\*Following table shows number of times lesser radiation exposure to the person due to silencer as compared to the cell phone.



Distance from Person	Silencer 0.25W/0.75W/6.0W
1 foot (Table Top)	575/200/-----
1m (Table Top /Wall)	5300/2000/250
3m (wall mount)	47700/18000/2200
10m (wall mount)	---/----/24000



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