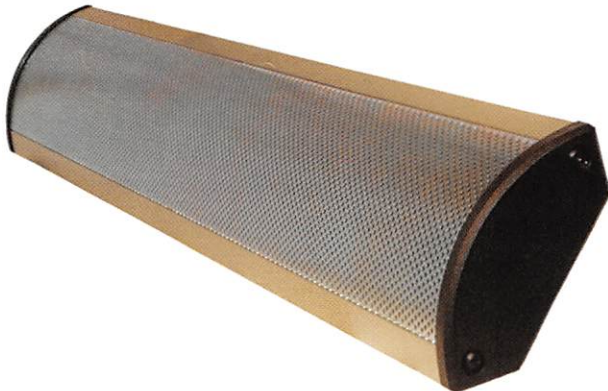




# Inferno Intenso

## Sound Barrier

Inferno Intenso can function as a Sound Barrier or as a traditional siren. Inferno Intenso effectively stops intruders in their tracks by generating a patented unbearable pattern, frequency and intensity noise. Sound Barrier mode is achieved by pairs or arrays of units. In siren mode, a single Inferno Intenso covers areas up to 70 square meters/ 750 square feet. Larger areas can be covered with several units.



- **Generates an unbearable sound**
- **Works with all makes and types of alarm systems**
- **Award winning design - fits easily into public areas and private homes**
- **Sabotage protected with battery backup**

Installation of the Inferno Intenso cheats the intruder of the few minutes that could be used between alarm activation and arrival of security or police, protecting the secured areas for that crucial period of time and continuing for the duration of continuous signal.

As a Sound Barrier, Inferno Intenso causes a person to immediately modify their behavior, typically observed as autonomic protective impetus to place ones hands on their ears followed by body motion to immediately remove oneself from the intensity zone.

It is as a behavior modifying Sound Barrier that the value of the patented frequency pattern is achieved. It can be applied to quell, repel or control aggressive, malicious and riot behaviors. This aspect has been applied for protecting Russian nuclear weapons, stores, offices, and distribution plants.

As a siren, Inferno Intenso is unmistakably loud with a unique intolerable attention getting frequency pattern that clearly stands out from background noise.

Inferno Intenso has built-in sabotage protection and a battery. The outer casing is made of aluminium and steel which makes it sturdy and durable.

Inferno Intenso is easily retrofitted to significantly upgrade the effectiveness of existing security systems.

Protective volume	Directional or to protect a volume up to 150 cubic meters/5250 cubic feet
Dimensions	L = 685 mm/26.97 in W = 106 mm/4.17 in D = 40 mm/1.58 in
Weight	1.7 kg/ 3.7 lb
Frequency range	2 - 5 kHz
Acoustic effect	125 -127 ±1 dB(A) @ 1 m/3.28 ft, user selectable
Battery backup	9.6 V, 1800 mAh, Ni-MH
Battery lifetime	3 years
Power consumption	12 - 16 V DC, < 150 mA
Function time at cont. signal	> 30 minutes
Standby without charge	Up to 1 month
Temperature range	-10 — +60 (C), 14 — 140 (F)

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Indusec is a world leader in high efficiency and advanced audio and light security products and systems, and less lethal Security Barriers. The focus is to develop and sell Inferno Sound Barriers and Inferno Light Barriers that are exceptionally well suited for specific security applications. It ranges from regular intrusion sirens to advanced warning devices.

Inferno (an active security solution) is a **device** designed to provide protection **in the critical time gap between the alarm activation and the response team arrival at the scene, stopping crime as soon as it starts**. Most thefts take **less than 3 minutes** while the time needed for police to react to an alarm activation is usually **over 15 minutes**. An **immediate response** is required to minimize losses and fogging systems as well as security sound barriers deliver just that. Security barriers are devices that will **force the intruders to leave the premises** immediately and empty handed right at the point of entry **on the first second of a break-in** right after the alarm activation.

## FAQ

**How is an Inferno Sound Barrier superior to a standard alarm siren?** Unlike standard alarm system sirens which can be and are ignored, the Inferno sound barrier is impossible to ignore. A standard security siren is little more than a passive device that alerts the intruder that he has been detected. Whilst unpleasant, it's certainly tolerable – at least for the few minutes needed to grab valuable assets. Contrast the Inferno sound barrier, which both alerts the intruder in no uncertain terms and most importantly, actively forces him to leave the protected area.

**How does the Sound Barrier work?** Inferno sound barriers create an intolerable spectrum of sound and broadcast it at 125-127dB. This spectrum is so utterly unbearable that it quite literally forces the intruder to exit immediately. The patented sound generator produces a highly complex spectrum that is extremely disruptive to the human brain. It produces four tones simultaneously, and forces these tones to oscillate wildly and rapidly. The dynamic nature of the resultant spectrum renders the brain incapable of identifying and thus “blocking out” the din – leaving the intruder only one option – leave the protected area immediately.

**Are Inferno Sound Barriers compatible with all security alarm systems?**

Yes. Whilst we do not like to call them sirens (they're far more capable than conventional sirens!), they can be thought of as an external siren for the purposes of installation. That is, they merely require a 12V power supply, and a trigger signal. A standard 4 core cable is clearly sufficient for wiring an Inferno sound barrier.

**I already have a high-tech security alarm system, complete with CCTV cameras. Why would I need a Sound Barrier as well?**

Whilst most modern alarm systems are certainly quite capable, they are essentially passive devices that at best, will summon a security guard. Intruders are well aware of typical security response times, and as such act with impunity in this “window of opportunity”. That window afforded the intruder can prove very costly indeed. CCTV systems are outstanding if they can be used to identify the culprit – however that won't undo the damage and losses incurred. Forcing the intruder to exit immediately, empty-handed and without confrontation, is surely the ultimate solution to any intrusion.

Imagine this scenario : an intruder has forced his way inside your premises. What do you want to happen next? If you answered: “I want him to leave immediately!” or something less polite, we ask you this : “What does your current security alarm system do to ensure that this happens?”

**Can it damage your hearing?**

Any loud sound source can damage your hearing if used inappropriately – reference the humble iPod. A report by the Royal Institute of Technology's Technical Acoustics department (Stockholm) concluded that the sound barrier was harmless, and that only frequent & prolonged exposure would cause hearing damage. The sound barrier does not exceed the parameters as established in the internationally recognized ISO standard for noise induced hearing impairment. The report determined that one would have to be exposed to the sound barrier for 1 minute, at a distance of 1 mt, for 365 days, to have a 13% risk of hearing damage. The physical effects of exposure disappear shortly after the siren is switched off.

**Wouldn't installing a large number of conventional internal sounders (piezos) in the same room replicate the Sound Barrier?** No, not even close. In fact, you'd require 32 standard piezos to generate 125db – the sound pressure generated by a single Intenso sound barrier. The extreme volume of the sound barrier plays but a small part in its effectiveness – the intolerability of the sound owes much more to the dynamic nature of the sound spectrum generated. With its static tones, the piezo is incapable of generating an intolerable tone. In addition, multiple piezos installed in the same location actually begin to cancel each other out and reduce the impact of the sound.