

Jorge Contreras

Ensuring personal safety has become an increasing concern in our unpredictable world. The need for swift and effective communication during emergencies is not merely a convenience but a critical necessity. The absence of a reliable solution poses a significant threat to personal security, motivating the development of the Strong Angel Box.

The potential dangers individuals face in emergency situations, where immediate communication is crucial, underscore the need for an innovative solution. In today's society, reliance on smartphones for various needs, including calls, location sharing, texting, and more, is ubiquitous. However, the vulnerability arises when individuals are without their phones, emphasizing the safety concerns during daily commutes or in potentially dangerous areas such as building staircases, hallways, and sidewalks.

To validate these concerns, I conducted a survey among 20 students at Baruch, focusing on their safety measures during daily commutes. While common responses included sharing iPhone locations and carrying personal safety tools, the potential limitations of relying solely on phones became apparent when confronted with scenarios of kidnappings or low battery situations.

The Strong Angel Box, with its compact 6-inch length and 2-inch width, provides a practical and discreet solution for personal safety. Attachable to belts, handbags, or

Jorge Contreras

bags, it remains easily accessible. The elegant exterior conceals a robust design, and the device is rechargeable, eliminating the need for frequent replacements.

In exploring existing options, it becomes clear that some products address emergency communication needs but often fall short in terms of complexity, response times, or location accuracy. The Strong Angel Box aims to fill these gaps, offering a user-friendly, swift, and precise solution for enhanced personal safety.

The Strong Angel Box features nine open strips on top, grouped in threes, allowing live audio recording. When the emergency tag is triggered, live audio is transmitted to 911, providing crucial information for emergency response and evidence. The red button on the front, when uncovered and pressed for three seconds, signals distress to 911 and emergency contacts, facilitating prompt assistance.

Three gaps in the front deploy a high-pitched sound when the emergency tag is pulled, serving as a deterrent to potential threats. Tags on both edges provide an additional layer of security, allowing users to activate audio and the high-pitched defense in scenarios where they cannot ask for help.

The box's back loop enables easy attachment to belts or bag strings, while a time-consuming screw mechanism deters attackers from removing or dropping the box quickly.

Jorge Contreras

The Strong Angel Box emerges as a revolutionary solution to the urgent issue of personal safety during emergencies. Through a Design Thinking approach, I have substantiated the real and universal nature of the problem. The product's innovative design elements collectively contribute to a practical and efficient solution, ensuring that the Strong Angel Box is more than a product; it is a reliable beacon of security for users in times of need. Many Items on the market now dont offer nothing as easy as our product does. After researching, our product offers the most useful and anti- attack for all scenarios.

