

CLEAR360

“ Why is hearing protection necessary? ”

Hearing protection plays an important role in supporting the health and well-being of individuals, the development of a sustainable society, and corporate social responsibility (CSR). Specific points are as follows

I. Impact on personal health and well-being

PROTECTION OF HEARING LOSS: Noise is a major cause of hearing loss. Once damaged, hearing is difficult to recover from and has a significant impact on daily life. Hearing protection can minimize these risks.

A Higher Quality of Life: Noise-induced stress and sleep disturbances can reduce the quality of life. With proper hearing protection, these problems can be prevented and a more comfortable life can be achieved.

II. Sustainable Development (SDGs)

GOOD HEALTH AND WELL-BEING (SDG Goal 3):

Hearing protection contributes to the goal of ensuring the health and well-being of all people.

Protecting people from noise in the workplace and in their daily lives will lead to a healthier and more vibrant society.

DECENT WORK AND ECONOMIC GROWTH (SDG Goal 8):

Ensuring safe and healthy working environments promotes sustainable economic growth and people's well-being.

III. Corporate Social Responsibility (CSR)

Ensure the health and safety of employees: Businesses have a responsibility to protect the health and safety of their employees. Providing hearing protection and noise control can improve safety standards in the workplace.

Contribute to society: Through promotion and awareness of hearing protection, companies can contribute to the health and safety of their communities and customers. This is an important part of a company's social responsibility.

Clear360Pro products address these important issues and contribute to a sustainable future.



Hearing Protection
CLEAR360PRO headset

3 GOOD HEALTH
AND WELL-BEING



8 DECENT WORK AND
ECONOMIC GROWTH



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“Hearing Protection Policies in Japan & Responses Abroad.”

I. Hearing Protection Policy in Japan

In Japan, there are “Guidelines for the Prevention of Noise Disturbance,” which are guidelines rather than laws with penalties.

The Guidelines were revised on April 20, 2023, and in recent years, legislation has been developed in Japan. Failure to take measures in accordance with the guidelines may result in the following legal actions

- Recognition of occupational injury based on the Industrial Accident Compensation Insurance Law:
If noise-induced hearing loss is recognized as a work-related accident, you may be entitled to receive benefits from the workers' compensation insurance.
- Civil liability for damages:
If a noise-related health hazard occurs, the victim can file a claim for damages against the perpetrator.
- Administrative Guidance:
Prefectural governors can give recommendations or orders to business operators on matters necessary to prevent the generation of noise.

Ministry of Health, Labour and Welfare Guidelines for the Prevention of Noise Hazards
<https://www.mhlw.go.jp/content/001089239.pdf>

Ministry of Health, Labour and Welfare Noise Hazard Prevention Guideline Explanatory Pamphlet
<https://www.mhlw.go.jp/content/000679171.pdf>

II. Hearing Protection Policies in Europe and the United States

As awareness of the importance of hearing protection grows in Europe and the U.S., there is a trend toward stricter penalties.

U.S.: Fines of up to \$70,000 may be imposed for violations of occupational health and safety laws.

United Kingdom: Infinite fines can be imposed for violations of the Health and Safety at Work Act.

France: fines of up to 3,750 euros can be imposed for violations of labor laws.

Importance of Compliance with Guidelines

In Japan, it is very important to follow noise pollution prevention guidelines not only to avoid legal penalties, but also to avoid work-related accidents and civil liability for damages.

Clear360Pro products address these critical issues and contribute to a sustainable future.

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“ A Case Study of Clear360Pro in the United States. ”

I. Improving Safety at Construction Sites

BACKGROUND: Noise is a constant problem on construction sites, often compromising worker safety and communication.
Solution: Clear360Pro's 360° sound collection and intelligibility technology was used to extract only the important sounds from the surrounding noise so that safety instructions and warnings could be heard clearly.

Result: Reduced accident rates, improved communication between workers, and increased overall work efficiency.



II. Enhanced Linking of Maintenance Staff in the Railway Industry

Background: In the railroad industry, workers wear ear muffs to protect their hearing during work, and many accidents have occurred because they could not see an approaching train.

Solution: By using Clear360Pro, they were able to hear the sounds around them while wearing hearing protection.

Result: Fewer accidents involving people being hit by trains without being aware of the surrounding sounds.

III. Hearing Protection and Efficiency of Factory Workers

Background: Machine noise in the factory was adversely affecting workers' hearing and productivity.

Solution: Clear360Pro was utilized to create an environment for workers in the factory. This effectively reduced harmful noise levels while ensuring that critical communications were clearly audible.

Result: Reported reduced risk of hearing impairment, increased worker satisfaction, and improved production line communication and efficiency.



CLEAR 360

“ Wire Endurance of CLEAR 360 Products. ”

The wires of CLEAR 360 products are highly durable. The details are as follows.

I. Mechanical Stress Relief

CLEAR360 units have mechanical stress relief at the wire/neckband connection and on the earpieces to protect them from the mechanical stresses of everyday use.

II. Kevlar-based fiber incorporation

Kevlar-based fibers are incorporated into the wire to increase tensile strength, achieving high strength and elasticity, and greatly improving the cable's resistance to cutting.

III. Measurement Results of Breaking Strength

According to the breaking strength measurement conducted by the manufacturer, a force of 10Kg is required, and under normal conditions of use, a user's pulling force from the ear (approx. 1.5Kg) will rarely break the cable.

IV. Warranty

In the unlikely event of a cable breakage, the product will be replaced free of charge during the warranty period.



CLEAR360PRO
Yellow