

Intelligent Hearing Protection and Protective Communication Devices Market - Global Outlook and Forecast 2019-2024

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Abstracts

The global intelligent hearing protection and protective communication devices market is expected to reach \$2 billion by 2024, growing at a CAGR of more than 5% during the forecast period.

The intelligent hearing protection and protective communication devices market is driven by the surge in the number of manufacturing units and industries. The boom of commercial construction and stringent regulatory in developed and emerging economies will fuel the growth of the market. The market research report provides in-depth market analysis and segmental analysis of the intelligent hearing protection and protective communication devices market.

The rise in occupational hazards has grown the adoption of safety programs among organizations worldwide. These safety programs involve close collaboration with personal protective equipment vendors. Personal protective equipment are the products worn by workers to protect themselves from occupational hazards. Therefore, the strong growth of manufacturing and construction industries globally is the key factor driving the evolution of the intelligent hearing protection and protective communication devices market.

APAC and MEA are expected to exhibit fast growth due to regulatory initiatives undertaken by government bodies to safeguard and ensure the safety and wellness of employees. This trend is expected to drive the intelligent hearing protection and protective communication devices market during the forecast period.

The report considers the present scenario of the intelligent hearing protection and

protective communication devices market and its market dynamics for the period 2019-2024. It covers a detailed overview of various market growth enablers, restraints, and trends. The study covers both the demand and supply sides of the market. It profiles and analyzes leading companies and several other prominent companies operating in the market.

The global intelligent hearing protection and protective communication devices market research report covers a detailed overview of market sizing and forecast, market share, industry trends, growth drivers, and vendor analysis. The study includes insights on segmentation based on product types (earplug and earmuff), protection types (active and passive), feature types (hearing protection and protective communication), end-user type (defense, manufacturing, construction, aviation, and others), and geographies (North America, Europe, APAC, MEA, and Latin America)

Intelligent Hearing Protection and Protective Communication Devices Market: Dynamics

Leading vendors of intelligent hearing protection and protective communication devices market are shifting their focus from passive to active protection and communication as it provides situational awareness to the user. Products with radio communication systems are likely to dominate the intelligent hearing protection and protective communication devices market in terms of consumption units.

Intelligent Hearing Protection and Protective Communication Devices Market: Segmentation

This market research report includes a detailed segmentation of the market by product type, protection type, features, end-user, and geography. Earplugs and earmuffs are two major product segments in the intelligent hearing protection and protective communication devices market. The earplug segment has dominated the protective devices market due to low price, compactness, and convenience. The segment is growing at a CAGR of around 4% during the forecast period. The demand for earplug-based intelligent protection devices is expected to increase from end-user industries such as defense and law enforcement.

The intelligent hearing protection and protective communication devices market offers two types of protection - active and passive. Passive hearing protection and communication devices are popular as they provide uniform attenuation, irrespective of noise levels. These devices cater primarily to the manufacturing and construction industry. APAC is likely to be the fastest-growing market during the forecast period. The

passive hearing protection and protective communication devices segment constitutes for over 55% of the market by revenue.

The global market by features is segmented into hearing protection and protective communication segments. The hearing protection segment is growing rapidly and has captured more than half of the intelligent hearing protection and protective communication devices market. These devices offer situational awareness to the wearer by amplifying ambient noise. The active hearing protection segment accounted for a share of 29% of the global market in 2018. However, hearing protection products have a low penetration rate in developing countries as they lack stringent worker safety regulations that promote the use of personal protective equipment.

Defense, manufacturing, construction, aviation, and other sectors are the primary end-users of the intelligent hearing protection and protective communication devices market. These sectors have emerged as the key end-users of electronic hearing protection devices. Defense and law enforcement agencies are the largest user segment, which provides the protection from NHIL and the impulse of loud noise such as artillery fire, machine guns, tank shell blast, and the explosion of grenades. Honeywell has deployed over 45,000 units of QUITPRO intelligent hearing and communication systems in the US alone. Increasing defense spending by governments in developing countries such as APAC is contributing to the growth of intelligent hearing protection and protective communication devices market.

Market Segmentation by Product Types

Earplug

Earmuff

Market Segmentation by Protection Types

Active

Passive

Market Segmentation by Features

Hearing Protection

Protective Communication

Market Segmentation by End-user Types

Defense

Manufacturing

Construction

Aviation

Others

Intelligent Hearing Protection and Protective Communication Devices Market: Geography

The growth of construction sector, the rise in civic infrastructure, the consolidation of the manufacturing sector, and the modernization of defense and law enforcement are driving the demand in the intelligent hearing protection and protective communication devices market in North America. Further, the penetration of active protection devices in the US is growing at a significant rate. The establishment of new infrastructure and manufacturing facilities is driving the demand for personal protective equipment, including hearing protection devices in the region.

Europe is the second largest market of hearing protector devices. Northwestern Europe witnessed the highest growth in 2018, whereas the market in North and Western Europe is likely to experience stable development during the forecast period.

Market Segmentation by Geography

North America

US

Canada

Europe

Germany

UK

France

APAC

China

Japan

South Korea

MEA

GCC

South Africa

Latin America

Mexico

Brazil

Key Vendor Analysis

The intelligent hearing protection and protective communication devices market is diverse in structure with different competition levels across regions. The growing number of manufacturing units, which is increasing the market demand and the growing presence of several players are driving the competition in the global market. The presence of highly productive domestic manufacturers is expected to develop lucrative opportunities in the market. Leading vendors compete on price, innovativeness, and

product differentiation to sustain the competition in the market. The higher adoption of radio and Bluetooth-based hearing protection devices will increase the profitability of vendors in the Intelligent Hearing Protection And Protective Communication Devices Market.

Leading Vendors in Intelligent Hearing Protection and Protective Communication Devices Market:

3M

Honeywell

Phonak Communications

Other prominent vendors are CavCom, COM, ElacinResearch, Gentex Corporation, Hellberg Safety, INVISIO, Minerva, NoNoise, Savox, Sensear, SensGard, Silenta Group, Silynx Communication, Sonetic, Starkey, and Variphone.

Key Market Insights Include

Offers market sizing and growth prospects of intelligent hearing protection and protective communication devices market for the forecast period 2019?2024

Provides comprehensive insights on the latest industry trends, market forecast, and growth drivers in the intelligent hearing protection and protective communication devices market

Includes a detailed analysis of market growth drivers, challenges, and investment opportunities

Delivers a complete overview of market segments and the regional outlook of the intelligent hearing protection and protective communication devices market

Offers an exhaustive summary of the vendor landscape, competitive analysis, and key market strategies to gain a competitive advantage in the intelligent hearing protection and protective communication devices market

Contents

1 RESEARCH METHODOLOGY

2 RESEARCH OBJECTIVES

3 RESEARCH PROCESS

4 SCOPE & COVERAGE

4.1 Market Definition

4.1.1 Inclusions

4.1.2 Exclusions

4.2 Base Year

4.3 Scope of the study

4.4 Market Segments

4.4.1 Market Segmentation by Product Type

4.4.2 Market Segmentation by Protection Type

4.4.3 Market Segmentation by Features

4.4.4 Market Segmentation by End-users

4.4.5 Market Segmentation by Geography

5 REPORT ASSUMPTIONS & CAVEATS

5.1 Key Caveats

5.2 Currency Conversion

5.3 Market Derivation

6 MARKET AT A GLANCE

7 INTRODUCTION

7.1 Overview

7.1.1 Personal Protection Equipment Market

7.2 Hearing Protection & Protective Communication Devices

8 MARKET DYNAMICS

8.1 Market Growth Enablers

- 8.1.1 Innovative Manufacturing and Technological Advancements
- 8.1.2 Defense Modernization to Boost Demand
- 8.1.3 Growing Demand for Active Protection & Communication Devices
- 8.1.4 Global Economic Development and Infrastructure Improvement
- 8.2 Market Growth Restraints
 - 8.2.1 Challenges Related to Misfit and Comfort
 - 8.2.2 Declining Demand for Disposable Earplugs
 - 8.2.3 Integrating Protection and Communication in High Noise Levels
- 8.3 Market Opportunities & Trends
 - 8.3.1 Active Noise Protection to Become Norm
 - 8.3.2 Enhancements in Communication Systems

9 GLOBAL MARKET LANDSCAPE

- 9.1 Global Market Size & Forecast (Revenue)
- 9.2 Five Forces Analysis
 - 9.2.1 Threat of New Entrants
 - 9.2.2 Bargaining Power of Suppliers
 - 9.2.3 Bargaining Power of Buyers
 - 9.2.4 Threat of Substitutes
 - 9.2.5 Competitive Rivalry

10 BY PRODUCT TYPE

- 10.1 Market Snapshot & Growth Engine
- 10.2 Market Overview
- 10.3 Segmentation by Product Type
 - 10.3.1 Market Size & Forecast (Revenue)
- 10.4 Earplugs (In-Ear)
 - 10.4.1 Market Size & Forecast (Revenue)
 - 10.4.2 Market Size & Forecast by Geography
- 10.5 EarmuffS (Over Ear)
 - 10.5.1 Market Size & Forecast (Revenue)
 - 10.5.2 Market Size & Forecast by Geography

11 BY PROTECTION TYPE

- 11.1 Market Snapshot & Growth Engine
- 11.2 Market Overview

11.3 Segmentation by Protection Type

11.3.1 Market Size & Forecast (Revenue)

11.4 Passive

11.4.1 Market Size & Forecast (Revenue)

11.4.2 Market Size & Forecast by Geography

11.4.3 Market by Features

11.4.4 Passive Hearing Protection: Market Size & Forecast

11.4.5 Passive Protective Communication: Market Size & Forecast

11.5 Active (Intelligent)

11.5.1 Market Size & Forecast (Revenue)

11.5.2 Market Size & Forecast by Geography

11.5.3 Market by Features

11.5.4 Active Hearing Protection: Market Size & Forecast

11.5.5 Active Protective Communication: Market Size & Forecast

12 BY FEATURES

12.1 Market Snapshot & Growth Engine

12.2 Market Overview

12.3 Segmentation by Features

12.3.1 Market Size & Forecast (Revenue)

12.4 Hearing Protection

12.4.1 Market Size & Forecast (Revenue)

12.4.2 Market Size & Forecast by Geography

12.4.3 Market by Protection Type

12.4.4 Active Hearing Protection: Market Size & Forecast

12.4.5 Passive Hearing Protection: Market Size & Forecast

12.5 Protective Communication

12.5.1 Market Size & Forecast (Revenue)

12.5.2 Market Size & Forecast by Geography

12.5.3 Market by Protection Type

12.5.4 Active Protective Communication: Market Size & Forecast

12.5.5 Passive Protective Communication: Market Size & Forecast

13 BY END-USERS

13.1 Market snapshot & Growth Engine

13.2 Market Overview

13.3 Segmentation by End-users

- 13.3.1 Market Size & Forecast (Revenue)
- 13.4 Defense
 - 13.4.1 Market Size & Forecast (Revenue)
 - 13.4.2 Market Size & Forecast by Geography
- 13.5 Manufacturing
 - 13.5.1 Market Size & Forecast (Revenue)
 - 13.5.2 Market Size & Forecast by Geography
- 13.6 Construction
 - 13.6.1 Market Size & Forecast (Revenue)
 - 13.6.2 Market Size & Forecast by Geography
- 13.7 Aviation
 - 13.7.1 Market Size & Forecast (Revenue)
 - 13.7.2 Market Size & Forecast by Geography
- 13.8 Others
 - 13.8.1 Market Size & Forecast (Revenue)
 - 13.8.2 Market Size & Forecast by Geography

14 BY GEOGRAPHY

- 14.1 Market Snapshot & Growth Engine
- 14.2 Overview

15 NORTH AMERICA

- 15.1 Market Size & Forecast
- 15.2 Segmentation by Features
 - 15.2.1 North America: Market by Hearing Protection
 - 15.2.2 North America: Market by Protective Communication
- 15.3 Segmentation by Protection Type
 - 15.3.1 North America: Market by Active Protection
 - 15.3.2 North America: Market by Passive Protection
- 15.4 Segmentation by Product Type
- 15.5 Segmentation by End-users
- 15.6 Key Countries
 - 15.6.1 US: Market Size & Forecast
 - 15.6.2 Canada: Market Size & Forecast

16 EUROPE

16.1 Market Size & Forecast

16.2 Segmentation by Features

16.2.1 Europe: Market by Hearing Protection

16.2.2 Europe: Market by Protective Communication

16.3 Segmentation by Protection Type

16.3.1 Europe: Market by Active Protection

16.3.2 Europe: Market by Passive Protection

16.4 Segmentation by Product Type

16.5 Segmentation by End-users

16.6 Key Countries

16.6.1 Germany: Market Size & Forecast

16.6.2 UK: Market Size & Forecast

16.6.3 France: Market Size & Forecast

17 APAC

17.1 Market Size & Forecast

17.2 Segmentation by Features

17.2.1 APAC: Market by Hearing Protection

17.2.2 APAC: Market by Protective Communication

17.3 Segmentation by Protection Type

17.3.1 APAC: Market by Active Protection

17.3.2 APAC: Market by Passive Protection

17.4 Segmentation by Product Type

17.5 Segmentation by End-users

17.6 Key Countries

17.6.1 China: Market Size & Forecast

17.6.2 Japan: Market Size & Forecast

17.6.3 South Korea: Market Size & Forecast

18 MIDDLE-EAST AND AFRICA

18.1 Market Size & Forecast

18.2 Segmentation by Features

18.2.1 MEA: Market by Hearing Protection

18.2.2 MEA: Market by Protective Communication

18.3 Segmentation by Protection Type

18.3.1 MEA: Market by Active Protection

18.3.2 MEA: Market by Passive Protection

- 18.4 Segmentation by Product Type
- 18.5 Segmentation by End-users
- 18.6 Key Countries
 - 18.6.1 GCC Countries: Market Size & Forecast
 - 18.6.2 South Africa: Market Size & Forecast

19 LATIN AMERICA

- 19.1 Market Size & Forecast
- 19.2 Segmentation by Features
 - 19.2.1 Latin America: Market by Hearing Protection
 - 19.2.2 Latin America: Market by Protective Communication
- 19.3 Segmentation by Protection Type
 - 19.3.1 Latin America: Market by Active Protection
 - 19.3.2 Latin America: Market by Passive Protection
- 19.4 Segmentation by Product Type
- 19.5 Segmentation by End-users
- 19.6 Key Countries
 - 19.6.1 Mexico: Market Size & Forecast
 - 19.6.2 Brazil: Market Size & Forecast

20 COMPETITIVE LANDSCAPE

- 20.1 Competition Overview
- 20.2 Market Vendor Analysis

21 KEY VENDOR PROFILES

- 21.1 3M
 - 21.1.1 Business Overview
 - 21.1.2 Major Product Offerings
 - 21.1.3 Key Strengths
 - 21.1.4 Key Strategies
 - 21.1.5 Key Opportunities
- 21.2 Honeywell
 - 21.2.1 Business Overview
 - 21.2.2 Major Product Offerings
 - 21.2.3 Key Strengths
 - 21.2.4 Key Strategies

- 21.2.5 Key Opportunities
- 21.3 Phonak Communications
 - 21.3.1 Business Overview
 - 21.3.2 Major Product Offerings
 - 21.3.3 Key Strengths
 - 21.3.4 Key Strategies
 - 21.3.5 Key Opportunities

22 OTHER PROMINENT VENDORS

- 22.1 Gentex Corporation
 - 22.1.1 Business Overview
- 22.2 CavCom
 - 22.2.1 Business Overview
- 22.3 Elacin International
 - 22.3.1 Business Overview
- 22.4 Etymotic Research
 - 22.4.1 Business Overview
- 22.5 Hellberg Safety
 - 22.5.1 Business Overview
- 22.6 Nonoise
 - 22.6.1 Business Overview
- 22.7 Invisio
 - 22.7.1 Business Overview
- 22.8 Minerva Hearing Protection
 - 22.8.1 Business Overview
- 22.9 Savox Communication
 - 22.9.1 Business Overview
- 22.10 Sensear
 - 22.10.1 Business Overview
- 22.11 SensGard
 - 22.11.1 Business Overview
- 22.12 Silenta
 - 22.12.1 Business Overview
- 22.13 Sonetics
 - 22.13.1 Business Overview
- 22.14 Starkey
 - 22.14.1 Business Overview
- 22.15 Variphone

- 22.15.1 Business Overview
- 22.16 Silyn Communication
 - 22.16.1 Business Overview

23 REPORT SUMMARY

- 23.1 Key Takeaways
- 23.2 Strategic Recommendations

24 QUANTITATIVE SUMMARY

- 24.1 Global Market by Geography
- 24.2 North America Market
 - 24.2.1 North America: Market by Hearing Protection
 - 24.2.2 North America: Market by Protective Communication
 - 24.2.3 North America: Market by Active Protection
 - 24.2.4 North America: Market by Passive Protection
 - 24.2.5 North America: Market by Product Type
 - 24.2.6 North America: Market by End-users
- 24.3 Market in Europe
 - 24.3.1 Europe: Market by Hearing Protection
 - 24.3.2 Europe: Market by Protective Communication
 - 24.3.3 Europe: Market by Active Protection
 - 24.3.4 Europe: Market by Passive Protection
 - 24.3.5 Europe: Market by Product Type
 - 24.3.6 Europe: Market by End-users
- 24.4 Market in APAC
 - 24.4.1 APAC: Market by Hearing Protection
 - 24.4.2 APAC: Market by Protective Communication
 - 24.4.3 APAC: Market by Active Protection
 - 24.4.4 APAC: Market by Passive Protection
 - 24.4.5 APAC: Market by Product Type
 - 24.4.6 APAC: Market by End-users
- 24.5 Market in MEA
 - 24.5.1 MEA: Market by Hearing Protection
 - 24.5.2 MEA: Market by Protective Communication
 - 24.5.3 MEA: Market by Active Protection
 - 24.5.4 MEA: Market by Passive Protection
 - 24.5.5 MEA: Market by Product Type

- 24.5.6 MEA: Market by End-users
- 24.6 Market in Latin America
 - 24.6.1 Latin America: Market by Hearing Protection
 - 24.6.2 Latin America: Market by Protective Communication
 - 24.6.3 Latin America: Market by Active Protection
 - 24.6.4 Latin America: Market by Passive Protection
 - 24.6.5 Latin America: Market by Product Type
 - 24.6.6 Latin America: Market by End-users
- 24.7 Market by Product Type
- 24.8 Market by Protection Type
- 24.9 Market by Features
- 24.1 Market by End-users

25 APPENDIX

25.1 Abbreviations

List Of Exhibits

- Exhibit 1 Global Hearing Protection & Protective Communication Market
- Exhibit 2 Market Size Calculation Approach 2018
- Exhibit 3 Share of Workforce with Access to Safety and Wellness Programs
- Exhibit 4 Need and Growth of Hearing Protection & Protective Communication Devices
- Exhibit 5 Major Perceived Benefits of Hearing Protection and Protective Communication Devices
- Exhibit 6 Impact of Innovative Manufacturing and Technological Advancements
- Exhibit 7 Impact of Defense Modernization to Boost Demand
- Exhibit 8 Military Expense by Select Regions 2018 (% change over 2017)
- Exhibit 9 Key Developments Reflecting Demand from Defense Industry 2018 & 2017
- Exhibit 10 Growth Potential in Global Defense Sector
- Exhibit 11 Impact of Growing Demand for Active Protection & Communication Devices
- Exhibit 12 Major Features of Intelligent Active Hearing Protection and Communication Devices
- Exhibit 13 Impact of Global Economic Development and Infrastructure Improvement
- Exhibit 14 Scenario of Commercial Real Estate Sector
- Exhibit 15 Impact of Challenges Related to Misfit and Comfort
- Exhibit 16 Impact of Declining Demand for Disposable Earplugs
- Exhibit 17 Impact of Integrating Protection and Communication in High Noise Levels
- Exhibit 18 Impact of Active Noise Protection to Become Norm
- Exhibit 19 Impact of Enhancements in Communication Systems
- Exhibit 20 Global Hearing Protection & Protective Communication Market 2018?2024 (\$

million)

Exhibit 21 Five Forces Analysis 2018

Exhibit 22 Incremental Growth by Product Type 2018?2024

Exhibit 23 Global Market by Product Type: Overview

Exhibit 24 Global Market by Product Type 2018 & 2024 (revenue share %)

Exhibit 25 Global Earplugs Market 2018?2024 (\$ million)

Exhibit 26 Global Earmuffs Market 2018?2024 (\$ million)

Exhibit 27 Incremental Growth by Protection Type 2018?2024

Exhibit 28 Global Market by Protection Type: Overview

Exhibit 29 Global Market by Protection Type 2018 & 2024 (revenue share %)

Exhibit 30 Passive Hearing Protection & Protective Communication Market 2018?2024 (\$ million)

Exhibit 31 Active Hearing Protection & Protective Communication Market 2018?2024 (\$ million)

Exhibit 32 Incremental Growth by Features 2018?2024

Exhibit 33 Global Market by Features: Overview

Exhibit 34 Global Market by Features 2018 & 2024 (revenue share %)

Exhibit 35 Global Hearing Protection Market 2018?2024 (\$ million)

Exhibit 36 Global Protective Communication Market 2018?2024 (\$ million)

Exhibit 37 Incremental Growth by End-users 2018?2024

Exhibit 38 Difference in End-user Segment Market Share 2018 & 2024 (% change)

Exhibit 39 Global Market by End-users: Overview

Exhibit 40 Defense Hearing Protection & Protective Communication Market 2018?2024 (\$ million)

Exhibit 41 Manufacturing Hearing Protection & Protective Communication Market 2018?2024 (\$ million)

Exhibit 42 Workplace Accidents in Europe and US 2018

Exhibit 43 Construction Hearing Protection & Protective Communication Market 2018?2024 (\$ million)

Exhibit 44 Major Injuries in Construction Sector

Exhibit 45 Aviation Hearing Protection & Protective Communication Market 2018?2024 (\$ million)

Exhibit 46 Other Hearing Protection & Protective Communication Market 2018?2024 (\$ million)

Exhibit 47 Incremental Growth by Geography 2018?2024

Exhibit 48 Market Share Overview of Geographies 2018 (Revenue)

Exhibit 49 Global Hearing Protection & Protective Communication Market Overview

Exhibit 50 North America Market 2018–2024 (\$ million)

Exhibit 51 Incremental Growth in North America 2018–2024

- Exhibit 52 US Market 2018–2024 (\$ million)
- Exhibit 53 Canada Market 2018–2024 (\$ million)
- Exhibit 54 Market in Europe 2018–2024 (\$ million)
- Exhibit 55 Construction Value by Sectors in Europe
- Exhibit 56 Incremental Growth in Europe 2018–2024
- Exhibit 57 Germany Market 2018–2024 (\$ million)
- Exhibit 58 UK Market 2018–2024 (\$ million)
- Exhibit 59 France Market 2018–2024 (\$ million)
- Exhibit 60 Market in APAC 2018–2024 (\$ million)
- Exhibit 61 Incremental Growth in APAC 2018–2024
- Exhibit 62 China Market 2018–2024 (\$ million)
- Exhibit 63 Japan Market 2018–2024 (\$ million)
- Exhibit 64 South Korea Market 2018–2024 (\$ million)
- Exhibit 65 Market in MEA 2018–2024 (\$ million)
- Exhibit 66 Incremental Growth in MEA 2018–2024
- Exhibit 67 GCC Market 2018–2024 (\$ million)
- Exhibit 68 South Africa Market 2018–2024 (\$ million)
- Exhibit 69 Market in Latin America 2018–2024 (\$ million)
- Exhibit 70 Incremental Growth in Latin America 2018–2024
- Exhibit 71 Mexico Market 2018–2024 (\$ million)
- Exhibit 72 Brazil Market 2018–2024 (\$ million)

List Of Tables

LIST OF TABLES

Table 1 Key Caveats

Table 2 Currency Conversion 2013?2018

Table 3 Noise Sources and their Decibel Level

Table 4 Global Market by Product Type 2018?2024 (\$ million)

Table 5 Global Earplugs Market by Geography 2018?2024 (\$ million)

Table 6 Global Earmuffs Market by Geography 2018?2024 (\$ million)

Table 7 Global Market by Protection Type 2018?2024 (\$ million)

Table 8 Passive Hearing Protection & Protective Communication Market by Geography 2018?2024 (\$ million)

Table 9 Passive Hearing Protection & Protective Communication Market by Feature 2018?2024 (\$ million)

Table 10 Passive Hearing Protection Market by Geography 2018?2024 (\$ million)

Table 11 Passive Protective Communication Market by Geography 2018?2024 (\$ million)

Table 12 Active Hearing Protection & Protective Communication Market by Geography 2018?2024 (\$ million)

Table 13 Active Hearing Protection & Protective Communication Market by Feature 2018?2024 (\$ million)

Table 14 Active Hearing Protection Market by Geography 2018?2024 (\$ million)

Table 15 Active Protective Communication Market by Geography 2018?2024 (\$ million)

Table 16 Global Market by Features 2018?2024 (\$ million)

Table 17 Global Hearing Protection Market by Geography 2018?2024 (\$ million)

Table 18 Global Hearing Protection Market by Protection Type 2018?2024 (\$ million)

Table 19 Global Active Hearing Protection Market by Geography 2018?2024 (\$ million)

Table 20 Global Passive Hearing Protection Market by Geography 2018?2024 (\$ million)

Table 21 Global Protective Communication Market by Geography 2018?2024 (\$ million)

Table 22 Global Protective Communication Market by Protection Type 2018?2024 (\$ million)

Table 23 Global Active Protective Communication Market by Geography 2018?2024 (\$ million)

Table 24 Global Passive Protective Communication Market by Geography 2018?2024 (\$ million)

Table 25 Major Injuries in End-user Industries (per 10,000 full-time workers)

Table 26 Global Market by End-users 2018?2024 (\$ million)

- Table 27 Military and Soldier Modernization Expense in Select Countries 2018
- Table 28 Defense Hearing Protection & Protective Communication Market 2018?2024 (\$ million)
- Table 29 Manufacturing Hearing Protection & Protective Communication Market 2018?2024 (\$ million)
- Table 30 Construction Hearing Protection & Protective Communication Market 2018?2024 (\$ million)
- Table 31 Aviation Hearing Protection & Protective Communication Market 2018?2024 (\$ million)
- Table 32 Sound Levels of Common Sound Sources
- Table 33 Other Hearing Protection & Protective Communication Market 2018?2024 (\$ million)
- Table 34 North America: Market by Hearing Protection 2018–2024 (\$ million)
- Table 35 North America: Market by Protective Communication 2018–2024 (\$ million)
- Table 36 North America: Market by Active Protection 2018–2024 (\$ million)
- Table 37 North America: Market by Passive Protection 2018–2024 (\$ million)
- Table 38 North America: Market by Product Type 2018–2024 (\$ million)
- Table 39 North America: Market by End-users 2018–2024 (\$ million)
- Table 40 Total Construction Output in Europe (% change)
- Table 41 Europe: Market by Hearing Protection 2018–2024 (\$ million)
- Table 42 Europe: Market by Protective Communication 2018–2024 (\$ million)
- Table 43 Europe: Market by Active Protection 2018–2024 (\$ million)
- Table 44 Europe: Market by Passive Protection 2018–2024 (\$ million)
- Table 45 Europe: Market by Product Type 2018–2024 (\$ million)
- Table 46 Europe: Market by End-users 2018–2024 (\$ million)
- Table 47 APAC: Market by Hearing Protection 2018–2024 (\$ million)
- Table 48 APAC: Market by Protective Communication 2018–2024 (\$ million)
- Table 49 APAC: Market by Active Protection 2018–2024 (\$ million)
- Table 50 APAC: Market by Passive Protection 2018–2024 (\$ million)
- Table 51 APAC: Market by Product Type 2018–2024 (\$ million)
- Table 52 APAC: Market by End-users 2018–2024 (\$ million)
- Table 53 MEA: Market by Hearing Protection 2018–2024 (\$ million)
- Table 54 MEA: Market by Protective Communication 2018–2024 (\$ million)
- Table 55 MEA: Market by Active Protection 2018–2024 (\$ million)
- Table 56 MEA: Market by Passive Protection 2018–2024 (\$ million)
- Table 57 MEA: Market by Product Type 2018–2024 (\$ million)
- Table 58 MEA: Market by End-users 2018–2024 (\$ million)
- Table 59 Major Construction Projects in UAE and Saudi Arabia 2018
- Table 60 Latin America: Market by Hearing Protection 2018–2024 (\$ million)

Table 61 Latin America: Market by Protective Communication 2018–2024 (\$ million)

Table 62 Latin America: Market by Active Protection 2018–2024 (\$ million)

Table 63 Latin America: Market by Passive Protection 2018–2024 (\$ million)

Table 64 Latin America: Market by Product Type 2018–2024 (\$ million)

Table 65 Latin America: Market by End-users 2018–2024 (\$ million)

Table 66 3M: Product Offerings

Table 67 Honeywell: Product Offerings

Table 68 Phonak Communications: Product Offerings

Table 69 Global Market by Geographies (\$ million)

Table 70 North America: Market by Hearing Protection 2018–2024 (\$ million)

Table 71 North America: Market by Protective Communication 2018–2024 (\$ million)

Table 72 North America: Market by Active Protection 2018–2024 (\$ million)

Table 73 North America: Market by Passive Protection 2018–2024 (\$ million)

Table 74 North America: Market by Product Type 2018–2024 (\$ million)

Table 75 North America: Market by End-users 2018–2024 (\$ million)

Table 76 Europe: Market by Hearing Protection 2018–2024 (\$ million)

Table 77 Europe: Market by Protective Communication 2018–2024 (\$ million)

Table 78 Europe: Market by Active Protection 2018–2024 (\$ million)

Table 79 Europe: Market by Passive Protection 2018–2024 (\$ million)

Table 80 Europe: Market by Product Type 2018–2024 (\$ million)

Table 81 Europe: Market by End-users 2018–2024 (\$ million)

Table 82 APAC: Market by Hearing Protection 2018–2024 (\$ million)

Table 83 APAC: Market by Protective Communication 2018–2024 (\$ million)

Table 84 APAC: Market by Active Protection 2018–2024 (\$ million)

Table 85 APAC: Market by Passive Protection 2018–2024 (\$ million)

Table 86 APAC: Market by Product Type 2018–2024 (\$ million)

Table 87 APAC: Market by End-users 2018–2024 (\$ million)

Table 88 MEA: Market by Hearing Protection 2018–2024 (\$ million)

Table 89 MEA: Market by Protective Communication 2018–2024 (\$ million)

Table 90 MEA: Market by Active Protection 2018–2024 (\$ million)

Table 91 MEA: Market by Passive Protection 2018–2024 (\$ million)

Table 92 MEA: Market by Product Type 2018–2024 (\$ million)

Table 93 MEA: Market by End-users 2018–2024 (\$ million)

Table 94 Latin America: Market by Hearing Protection 2018–2024 (\$ million)

Table 95 Latin America: Market by Protective Communication 2018–2024 (\$ million)

Table 96 Latin America: Market by Active Protection 2018–2024 (\$ million)

Table 97 Latin America: Market by Passive Protection 2018–2024 (\$ million)

Table 98 Latin America: Market by Product Type 2018–2024 (\$ million)

Table 99 Latin America: Market by End-users 2018–2024 (\$ million)

- Table 100 Global Market by Product Type 2018?2024 (\$ million)
- Table 101 Earmuff Market by Geography 2018?2024 (\$ million)
- Table 102 Earplug Market by Geography 2018?2024 (\$ million)
- Table 103 Global Market by Protection Type 2018?2024 (\$ million)
- Table 104 Active Hearing Protection & Protective Communication Market by Geography 2018?2024 (\$ million)
- Table 105 Active Hearing Protection & Communication Market by Feature 2018?2024 (\$ million)
- Table 106 Active Hearing Protection Market by Geography 2018?2024 (\$ million)
- Table 107 Active Protective Communication Market by Geography 2018?2024 (\$ million)
- Table 108 Passive Hearing Protection & Communication Market by Geography 2018?2024 (\$ million)
- Table 109 Passive Hearing Protection & Communication Market by Feature 2018?2024 (\$ million)
- Table 110 Passive Hearing Protection Market by Geography 2018?2024 (\$ million)
- Table 111 Passive Protective Communication Market by Geography 2018?2024 (\$ million)
- Table 112 Global Market by Features 2018?2024 (\$ million)
- Table 113 Hearing Protection Market by Geography 2018?2024 (\$ million)
- Table 114 Hearing Protection Market by Protection Type 2018?2024 (\$ million)
- Table 115 Active Hearing Protection Market by Geography 2018?2024 (\$ million)
- Table 116 Passive Hearing Protection Market by Geography 2018?2024 (\$ million)
- Table 117 Protective Communication Market by Geography 2018?2024 (\$ million)
- Table 118 Protective Communication Market by Protection Type 2018?2024 (\$ million)
- Table 119 Active Protective Communication Market by Geography 2018?2024 (\$ million)
- Table 120 Passive Protective Communication Market by Geography 2018?2024 (\$ million)
- Table 121 Global Market by End-users 2018?2024 (\$ million)
- Table 122 Global Defense Devices Market by Geography 2018?2024 (\$ million)
- Table 123 Global Manufacturing Devices Market by Geography 2018?2024 (\$ million)
- Table 124 Global Construction Devices Market by Geography 2018?2024 (\$ million)
- Table 125 Global Aviation Devices Market by Geography 2018?2024 (\$ million)
- Table 126 Global Other Devices Market by Geography 2018?2024 (\$ million)

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