

Global Underwater Acoustic Communication Transducer Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Underwater Acoustic Communication Transducer market size is expected to reach \$ 453 million by 2032, rising at a market growth of 6.6% CAGR during the forecast period (2026-2032).

In 2025, global Underwater Acoustic Communication Transducer production reached approximately 62,222 units, with an average global market price of around US\$4,500 per unit.

The gross profit margin of major companies in the industry is between 35%-55%.

In 2025, the global production capacity of Underwater Acoustic Communication Transducer was approximately 82,963 units.

Underwater Acoustic Communication Transducer is a device that converts electrical signals into acoustic waves, or acoustic waves into electrical signals, for underwater data transmission and communication. It is used in autonomous underwater vehicles, remotely operated vehicles, underwater sensor networks, marine monitoring, offshore engineering, defense systems, and oceanographic research.

The industrial chain of Underwater Acoustic Communication Transducer covers upstream piezoelectric ceramics, composite materials, acoustic matching layers, cables, connectors, housings, seals, amplifiers, sensors, and testing equipment. The midstream consists of transducer design, ceramic processing, acoustic structure assembly, sealing, pressure testing, frequency calibration, and reliability testing. Downstream applications mainly include underwater vehicles, ocean observation, offshore oil and

gas, aquaculture, marine defense, subsea communication networks, and scientific research platforms.

This report studies the global Underwater Acoustic Communication Transducer production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Underwater Acoustic Communication Transducer and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Underwater Acoustic Communication Transducer that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Underwater Acoustic Communication Transducer total production and demand, 2021-2032, (Units)

Global Underwater Acoustic Communication Transducer total production value, 2021-2032, (USD Million)

Global Underwater Acoustic Communication Transducer production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global Underwater Acoustic Communication Transducer consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: Underwater Acoustic Communication Transducer domestic production, consumption, key domestic manufacturers and share

Global Underwater Acoustic Communication Transducer production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global Underwater Acoustic Communication Transducer production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global Underwater Acoustic Communication Transducer production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Underwater Acoustic Communication Transducer market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Teledyne Marine, Kongsberg Maritime, Sonardyne International, Exail (iXblue), Neptune Sonar Ltd, ELAC SONAR GmbH, EvoLogics GmbH, Subnero Pte Ltd, GeoSpectrum Technologies Inc., Btech Acoustics, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Underwater Acoustic Communication Transducer market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Underwater Acoustic Communication Transducer Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Underwater Acoustic Communication Transducer Market, Segmentation by Type:

Piezoelectric Ceramic Transducer

Tonpilz Acoustic Transducer

Cymbal Acoustic Transducer

Global Underwater Acoustic Communication Transducer Market, Segmentation by Communication Mode:

Omnidirectional Acoustic Transducer

Directional Acoustic Transducer

Array Acoustic Transducer

Global Underwater Acoustic Communication Transducer Market, Segmentation by Operating Frequency:

Low Frequency (<10kHz)

Medium Frequency (10-100kHz)

High Frequency (>100kHz)

Global Underwater Acoustic Communication Transducer Market, Segmentation by Application:

Marine Research

Offshore Oil and Gas

Naval and Defense Systems

Other

Companies Profiled:

Teledyne Marine

Kongsberg Maritime

Sonardyne International

Exail (iXblue)

Neptune Sonar Ltd

ELAC SONAR GmbH

EvoLogics GmbH

Subnero Pte Ltd

GeoSpectrum Technologies Inc.

Btech Acoustics

Jiangsu Underwater Acoustic Technology Co., Ltd.

Wuxi Haiying Electronic Medical Systems

CETC Ocean Electronics

Wuhan Agile Sonar Technology Co., Ltd.

Wuhan Tongrui Technology Co., Ltd.

Suzhou Acoustic Origin Electronic Technology Co., Ltd.

Nanjing Haohai Acoustics Technology Co., Ltd.

Qingdao Ocean Acoustic Equipment

Jiangsu Precision Acoustic Technology

Wuhan DeepSea Technology

Key Questions Answered:

1. How big is the global Underwater Acoustic Communication Transducer market?
2. What is the demand of the global Underwater Acoustic Communication Transducer market?
3. What is the year over year growth of the global Underwater Acoustic Communication Transducer market?
4. What is the production and production value of the global Underwater Acoustic Communication Transducer market?
5. Who are the key producers in the global Underwater Acoustic Communication Transducer market?
6. What are the growth factors driving the market demand?

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