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Far-Field Speech and Voice Recognition - Global Market Outlook (2017-2026)

https://marketpublishers.com/r/F9A3C26FA2AEN.html
Date: February 2019
Pages: 170
Price: US$ 4,150.00 (Single User License)
ID: F9A3C26FA2AEN

Abstracts

According to Stratistics MRC, the Global Far-Field Speech and Voice Recognition Marketis accounted for $830.36 million in 2017 and is expected to reach $4950.36 million by 2026 growing at a CAGR of 21.9% during the forecast period. The market is propelling due to the rising impact of front-end hardware components on the accurateness of speech and voice recognition, technological development of deep-learning-based far-field microphones and increase in voice control–based smart speakers. However, the rising privacy risk from voice enabled smart home devices is restraining the market. Moreover, one of the major opportunities for the market growth is exploitation of far-field speech and voice recognition in smart home devices.

Far-field speech recognition is an important technology for speech communicationsand intends to permit smart devices to identify distant human speech. This innovation is connected to numerous situations such as smart home appliances, meeting transcription and onboard navigation. In addition, Microphone is regularly used to gather speech signals for far-field speech recognition.

Based on Component, Far-field speech and voice recognition systems utilize various microphones in type of a straight or circular array to diminish the effect of noise and reverberation from the nearby environment. Microphones with neural networks and artificial intelligence have enhanced the front-end voice processing. Smart speaker from Google has been at the forefront in sending deep learning-based microphones in their device.

North America can be expected to be one of the key Far-Field Speech and Voice Recognition markets due to high implementation of smart devices with superior technologies such as IoTand AI impel the market for the market in the US country. In

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addition, the enthusiasm of consumers to acknowledge and utilize new innovations has additionally encouraged makers in to develop new and superior products.

Some of the key players in the market are Xmos, Vocal Technologies, Vesper Technologies, Texas Instruments, Synaptics, Stmicroelectronics, Sensory, Retune-DSP, Qualcomm, Mightyworks, Microsemi, Meeami Technologies, Matrix Labs, Knowles, Harman, Fortemedia, DSP Group, Cirrus Logic, Andrea Electronics and Alango.

Microphone Solutions Covered:

Circular Arrays

Linear Arrays

Single Microphone

Components Covered:

Digital Signal Processors (DSP)

Microphones

Software

Applications Covered:

Smart TV/Set-top box

Smart Speakers

Robotics

Automotive

Other Applications

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Regions Covered:

- North America
  - US
  - Canada
  - Mexico
- Europe
  - Germany
  - UK
  - Italy
  - France
  - Spain
  - Rest of Europe
- Asia Pacific
  - Japan
  - China
  - India
  - Australia
  - New Zealand
  - South Korea

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- Rest of Asia Pacific
- South America
  - Argentina
  - Brazil
  - Chile
  - Rest of South America
- Middle East & Africa
  - Saudi Arabia
  - UAE
  - Qatar
  - South Africa
  - Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country level segments
- Market share analysis of the top industry players
- Strategic recommendations for the new entrants
- Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

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- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

- Company Profiling
  - Comprehensive profiling of additional market players (up to 3)
  - SWOT Analysis of key players (up to 3)
- Regional Segmentation
  - Market estimations, Forecasts and CAGR of any prominent country as per the clients interest (Note: Depends of feasibility check)
- Competitive Benchmarking
  - Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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