

# **Audio Codec Market by Component Type (Hardware and Software), Application (Desktop and Laptop, Mobile Phone and Tablet, Headphones, Headset and Wearable Devices), and Region - Forecast to 2025**

<https://marketpublishers.com/r/AE30B6EA385EN.html>

Date: December 2020

Pages: 184

Price: US\$ 4,950.00 (Single User License)

ID: AE30B6EA385EN

## **Abstracts**

The audio codec market is expected to grow at a CAGR of 5.5% from USD 5.9 billion in 2020 to USD 7.8 billion. Some of the Factors such as penetration of internet users which are generating traffic, demand for telecommunication devices and products as there are restrictions globally amidst the pandemic and consumer trends inclined for IoT enabled smartphones and related devices.

“Audio codec market for headset, hearables and wearable devices application to grow at highest CAGR during forecast period”

The audio codec market for headset, hearables and wearable devices application is expected to grow at the highest CAGR during the forecast period considering the surge in the demand for wireless electronic products such as earplugs, smart watches, bluetooth speakers and others. Many automotive companies are diversifying their business portfolio in order to cater upgraded audio enabled music and communication devices in the manufacturing stage.

“China is accounted for largest share in 2020 and further in the forecast period”

The audio codec market in India is projected to share the largest market share during the forecast period. The highest CAGR is because of the presence of manufacturing capabilities in consumer goods and electronic products. Moreover, the R&D from China has helped the increasing the market share of audio products in the audio codec market.

Breakdown of the profile of primary participants:

By Company Type: Tier 1 – 60 %, Tier 2 – 25%, and Tier 3 – 15%

By Designation: C-level Executives – 50%, Directors - 30%, and Others -20%

By Region: APAC – 40 %, NA – 25%, Europe – 20%, and RoW – 15%

The major players profiled in this report include:

Analog Devices (US)

Cirrus Logic (US)

Maxim Integrated (US)

Qualcomm (US)

Realtek Semiconductor (Taiwan)

STMicroelectronics (Switzerland)

Texas Instruments (US)

DSP Group (US)

Dolby Laboratories (US)

technicolor (France)

## Research Coverage

The study segments the audio codec market report into component type (hardware and software) and by application (desktop and laptop, mobile phone and tablet, headphones, headset and wearable devices) The study also provides market size for various segments regarding global regions.

## Reasons to buy the report

The report would help the market leaders/new entrants in this market in the following ways:

1. This report segments the audio codec market comprehensively provides the closest approximations of the overall market size and those of the subsegments across different applications and regions.
2. The report provides a detailed analysis of the audio codec market with the help of competitive leadership mapping, including crucial companies in the market and their relations in the ecosystem.
3. The report helps stakeholders understand the pulse of the market and provide them information on the key market drivers, restraints, challenges, and opportunities.
4. This report would help stakeholders understand their competitors better and gain insights to enhance their position in the business. The competitive landscape section includes the competitor ecosystem, product developments, partnerships, and mergers & acquisitions in the audio codec market.

## Contents

### 1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
  - 1.2.1 INCLUSIONS AND EXCLUSIONS
- 1.3 STUDY SCOPE
  - 1.3.1 MARKETS COVERED
  - 1.3.2 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 LIMITATIONS
- 1.6 MARKET STAKEHOLDERS
- 1.7 SUMMARY OF CHANGES

### 2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
  - FIGURE 1 RESEARCH DESIGN
    - 2.1.1 SECONDARY DATA
    - 2.1.2 PRIMARY DATA
  - 2.2 MARKET SIZE ESTIMATION
    - FIGURE 2 PROCESS FLOW OF MARKET SIZE ESTIMATION
      - 2.2.1 BOTTOM-UP APPROACH
        - 2.2.1.1 Approach for capturing market share by bottom-up analysis (Demand Side)
      - 2.2.2 TOP-DOWN APPROACH
        - 2.2.2.1 Approach for capturing market share by top-down analysis (Supply Side)
  - 2.3 MARKET BREAKDOWN AND DATA TRIANGULATION
    - FIGURE 3 DATA TRIANGULATION
  - 2.4 RESEARCH ASSUMPTION

### 3 EXECUTIVE SUMMARY

- 3.1 AUDIO CODEC MARKET: POST COVID-19
  - 3.1.1 REALISTIC SCENARIO
    - FIGURE 4 REALISTIC SCENARIO: AUDIO CODEC MARKET, 2017–2025 (USD BILLION)

### 3.1.2 PESSIMISTIC SCENARIO

FIGURE 5 PESSIMISTIC SCENARIO: AUDIO CODEC MARKET, 2017–2025 (USD BILLION)

### 3.1.3 OPTIMISTIC SCENARIO

FIGURE 6 OPTIMISTIC SCENARIO: AUDIO CODEC MARKET, 2017–2025 (USD BILLION)

FIGURE 7 IMPACT OF COVID-19 ON AUDIO CODEC MARKET

FIGURE 8 AUDIO CODEC MARKET, BY COMPONENT (USD MILLION)

FIGURE 9 AUDIO CODEC MARKET, BY APPLICATION

FIGURE 10 AUDIO CODEC MARKET, BY GEOGRAPHY

## 4 PREMIUM INSIGHTS

4.1 INNOVATIONS IN SMARTPHONES AND WEARABLE DEVICES TO CREATE ATTRACTIVE OPPORTUNITIES FOR AUDIO CODEC MARKET

FIGURE 11 INCREASING PRODUCT DEVELOPMENT PRACTICES AND PENETRATION OF INNOVATIVE TECHNOLOGIES ACROSS MULTIPLE APPLICATIONS TO BOOST GROWTH OF AUDIO CODEC MARKET DURING FORECAST PERIOD

4.2 AUDIO CODEC MARKET, BY COMPONENT

FIGURE 12 SOFTWARE AUDIO CODEC SEGMENT TO DOMINATE AUDIO CODEC MARKET IN 2020

4.3 AUDIO CODEC MARKET, BY APPLICATION

FIGURE 13 HEADPHONE, HEADSET, AND WEARABLE DEVICES SEGMENT TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

4.4 AUDIO CODEC MARKET, BY GEOGRAPHY

FIGURE 14 APAC TO HOLD LARGEST MARKET SHARE IN 2020

## 5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 15 AUDIO CODEC MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

5.3 DRIVERS

5.3.1.1 Growing internet penetration and data traffic

FIGURE 16 MOBILE DATA TRAFFIC PER SMARTPHONE BY 2025 (GB PER MONTH)

5.3.1.2 Increasing adoption of IoT-enabled connected devices for daily users

**FIGURE 17 ESTIMATION OF IOT CONNECTIONS BY 2025 (BILLION)**

5.3.1.3 Surging demand for telecommunication systems amid COVID-19 outbreak to drive the market for audio codecs

**FIGURE 18 AUDIO CODEC MARKET DRIVERS: IMPACT ANALYSIS****5.4 RESTRAINTS**

5.4.1.1 Declining in the usage of optical media products

5.4.1.2 Short-term impact on consumer electronics industry due to COVID-19

**FIGURE 19 AUDIO CODEC MARKET RESTRAINTS: IMPACT ANALYSIS****5.5 OPPORTUNITIES**

5.5.1.1 Growing demand for android set-top boxes and video-on-demand services

5.5.1.2 Rising demand for infotainment in passenger cars

**FIGURE 20 GLOBAL IN-VEHICLE INFOTAINMENT SYSTEM SHIPMENT BETWEEN****2017 AND 2024****FIGURE 21 AUDIO CODEC MARKET OPPORTUNITIES: IMPACT ANALYSIS****5.6 CHALLENGES**

5.6.1.1 Continuous optimization of component size

5.6.1.2 Variations in demand and supply due to COVID-19

**FIGURE 22 AUDIO CODEC MARKET CHALLENGES: IMPACT ANALYSIS****5.7 VALUE CHAIN ANALYSIS**

**FIGURE 23 VALUE CHAIN ANALYSIS: MAJOR VALUE IS ADDED BY ORIGINAL EQUIPMENT MANUFACTURERS AND SOFTWARE PROVIDERS**

**5.8 PORTER'S FIVE FORCE ANALYSIS**

**TABLE 1 IMPACT OF EACH FORCE ON AUDIO CODEC MARKET**

**5.9 PRICING ANALYSIS**

**TABLE 2 PRICE OF AUDIO CODEC (USD)**

**5.10 TRADE ANALYSIS**

**5.11 EXPORT SCENARIO OF MICROPHONES, STANDS, EARPHONES, HEADPHONES, AND AUDIO AMPLIFIERS**

**FIGURE 24 EXPORT OF MICROPHONES, STANDS, EARPHONES, HEADPHONES, AND AUDIO AMPLIFIERS**

**5.12 IMPORT SCENARIO OF MICROPHONES, STANDS, EARPHONES, HEADPHONES, AND AUDIO AMPLIFIERS**

**FIGURE 25 IMPORT OF MICROPHONES, STANDS, EARPHONES, HEADPHONES, AND AUDIO AMPLIFIERS**

**5.13 AUDIO CODEC MARKET ECOSYSTEM**

**TABLE 3 AUDIO CODEC MARKET: ECOSYSTEM**

## 5.14 CASE STUDY ANALYSIS

5.14.1 MEDIA MAGIC ENABLED A LEADING SPEAKER MANUFACTURER TO INTEGRATE MULTI-ROOM/MULTI-ZONE CAPABILITIES ON ITS SMART WIRELESS SPEAKER

5.14.2 AMERICAN SMARTWATCH BRAND ENHANCES ITS APPEAL AND DELIVERS OUTSTANDING USER EXPERIENCE WITH ITTIAM'S SBC CODEC

## 5.15 PATENT ANALYSIS

TABLE 4 SOME OF IMPORTANT INNOVATIONS & PATENT REGISTRATIONS, 2007–2018

## 5.16 TECHNOLOGY ANALYSIS

5.16.1 LOSSLESS AUDIO COMPRESSION

5.16.2 SUBSTITUTE TECHNOLOGY/REDUNDANT TECHNOLOGY

## 5.17 REGULATORY UPDATE

5.17.1 US

5.17.2 EUROPE

# 6 AUDIO CODEC MARKET, BY COMPONENT

## 6.1 INTRODUCTION

TABLE 5 AUDIO CODEC MARKET, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 6 AUDIO CODEC MARKET, BY COMPONENT, 2020–2025 (USD MILLION)

## 6.2 HARDWARE

TABLE 7 AUDIO CODEC MARKET FOR HARDWARE COMPONENT, BY VALUE AND VOLUME, 2017–2025

TABLE 8 AUDIO CODEC MARKET FOR HARDWARE COMPONENT, BY APPLICATION, 2017–2019 (USD MILLION)

TABLE 9 AUDIO CODEC MARKET FOR HARDWARE COMPONENT, BY APPLICATION, 2020–2025 (USD MILLION)

TABLE 10 AUDIO CODEC MARKET FOR HARDWARE COMPONENT, BY REGION, 2017–2019 (USD MILLION)

TABLE 11 AUDIO CODEC MARKET FOR HARDWARE COMPONENT, BY REGION, 2020–2025 (USD MILLION)

TABLE 12 AUDIO CODEC MARKET FOR HARDWARE COMPONENT IN NORTH AMERICA, BY COUNTRY, 2017–2019 (USD MILLION)

TABLE 13 AUDIO CODEC MARKET FOR HARDWARE COMPONENT IN NORTH AMERICA, BY COUNTRY, 2020–2025 (USD MILLION)

TABLE 14 AUDIO CODEC MARKET FOR HARDWARE COMPONENT IN EUROPE, BY COUNTRY, 2017–2019 (USD MILLION)

TABLE 15 AUDIO CODEC MARKET FOR HARDWARE COMPONENT IN EUROPE,

BY COUNTRY, 2020–2025 (USD MILLION)

TABLE 16 AUDIO CODEC MARKET FOR HARDWARE COMPONENT IN APAC, BY COUNTRY, 2017–2019 (USD MILLION)

TABLE 17 AUDIO CODEC MARKET FOR HARDWARE COMPONENT IN APAC, BY COUNTRY, 2020–2025 (USD MILLION)

TABLE 18 AUDIO CODEC MARKET FOR HARDWARE COMPONENT IN ROW, BY REGION, 2017–2019 (USD MILLION)

TABLE 19 AUDIO CODEC MARKET FOR HARDWARE COMPONENT IN ROW, BY REGION, 2020–2025 (USD MILLION)

6.2.1 AUDIO CODEC HARDWARE, BY CHANNEL TYPE

TABLE 20 AUDIO CODEC MARKET FOR HARDWARE COMPONENT, BY CHANNEL TYPE, 2017–2019 (USD MILLION)

TABLE 21 AUDIO CODEC MARKET FOR HARDWARE COMPONENT, BY CHANNEL TYPE, 2020–2025 (USD MILLION)

FIGURE 26 STEREO CODEC SEGMENT TO HOLD LARGEST MARKET SIZE DURING FORECAST PERIOD

6.2.1.1 Mono Codec

6.2.1.1.1 Mono codec devices are widely used for personal electronic appliances

6.2.1.2 Stereo Codec

6.2.1.2.1 Different techniques in stereo codec have diversified their use in consumer electronics

6.2.1.2.2 Impact of COVID-19 on stereo codec market

FIGURE 27 IMPACT OF COVID-19 ON STEREO CODEC MARKET

TABLE 22 POST-COVID-19 SCENARIO ANALYSIS: STEREO CODEC MARKET, 2017–2025 (USD MILLION)

6.2.1.3 Multi-channel Codec

6.2.1.3.1 Increasing demand for home entertainment appliances to boost demand for multi-channel codecs

6.3 SOFTWARE

TABLE 23 AUDIO CODEC MARKET FOR SOFTWARE COMPONENT, BY APPLICATION, 2017–2019 (USD MILLION)

TABLE 24 AUDIO CODEC MARKET FOR SOFTWARE COMPONENT, BY APPLICATION, 2020–2025 (USD MILLION)

TABLE 25 AUDIO CODEC MARKET FOR SOFTWARE COMPONENT, BY REGION, 2017–2019 (USD MILLION)

TABLE 26 AUDIO CODEC MARKET FOR SOFTWARE COMPONENT, BY REGION, 2020–2025 (USD MILLION)

TABLE 27 AUDIO CODEC MARKET FOR SOFTWARE COMPONENT IN NORTH AMERICA, BY COUNTRY, 2017–2019 (USD MILLION)



TABLE 28 AUDIO CODEC MARKET FOR SOFTWARE COMPONENT IN NORTH AMERICA, BY COUNTRY, 2020–2025 (USD MILLION)

TABLE 29 AUDIO CODEC MARKET FOR SOFTWARE COMPONENT IN EUROPE, BY COUNTRY, 2017–2019 (USD MILLION)

TABLE 30 AUDIO CODEC MARKET FOR SOFTWARE COMPONENT IN EUROPE, BY COUNTRY, 2020–2025 (USD MILLION)

TABLE 31 AUDIO CODEC MARKET FOR SOFTWARE COMPONENT IN APAC, BY COUNTRY, 2017–2019 (USD MILLION)

TABLE 32 AUDIO CODEC MARKET FOR SOFTWARE COMPONENT IN APAC, BY COUNTRY, 2020–2025 (USD MILLION)

TABLE 33 AUDIO CODEC MARKET FOR SOFTWARE COMPONENT IN ROW, BY REGION, 2017–2019 (USD MILLION)

TABLE 34 AUDIO CODEC MARKET FOR SOFTWARE COMPONENT IN ROW, BY REGION, 2020–2025 (USD MILLION)

#### 6.3.1 AUDIO CODEC SOFTWARE, BY COMPRESSION TYPE

FIGURE 28 LOSSLESS COMPRESSION TECHNIQUES TO BE FASTEST-GROWING SEGMENT OF AUDIO CODEC SOFTWARE COMPONENT MARKET DURING FORECAST PERIOD

TABLE 35 AUDIO CODEC MARKET FOR SOFTWARE COMPONENT, BY COMPRESSION TYPE, 2017–2019 (USD MILLION)

TABLE 36 AUDIO CODEC MARKET FOR SOFTWARE COMPONENT, BY COMPRESSION TYPE, 2020–2025 (USD MILLION)

##### 6.3.1.1 Non-Compression

6.3.1.1.1 Manufacturing companies are procuring PAM, PCM, and PWM for smartphones and tablets

##### 6.3.1.2 Lossless compression

6.3.1.2.1 Increasing demand for communication-enabled products to drive the market for lossless compression

##### 6.3.1.2.2 Impact of COVID-19 on lossless compression market

FIGURE 29 IMPACT OF COVID-19 ON LOSSLESS COMPRESSION MARKET

TABLE 37 POST-COVID-19 SCENARIO ANALYSIS: LOSSLESS COMPRESSION MARKET, BY SOFTWARE COMPONENT, 2017–2025 (USD MILLION)

##### 6.3.1.3 Lossy compression

6.3.1.3.1 Innovative communication products to drive the demand for lossy compression

## 7 AUDIO CODEC MARKET, BY APPLICATION

### 7.1 INTRODUCTION

FIGURE 30 HEADPHONE, HEADSET, AND WEARABLE DEVICES TO BE FASTEST-GROWING APPLICATION SEGMENT OF AUDIO CODEC MARKET DURING FORECAST PERIOD

TABLE 38 AUDIO CODEC MARKET, BY APPLICATION, 2017–2019 (USD MILLION)

TABLE 39 AUDIO CODEC MARKET, BY APPLICATION, 2020–2025 (USD MILLION)

## 7.2 DESKTOP AND LAPTOP

7.2.1 SOFTWARE AUDIO CODEC SEGMENT TO PLAY A VITAL ROLE IN GROWTH OF AUDIO CODEC MARKET FOR DESKTOP AND LAPTOP APPLICATION

TABLE 40 AUDIO CODEC MARKET FOR DESKTOP AND LAPTOP, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 41 AUDIO CODEC MARKET FOR DESKTOP AND LAPTOP, BY COMPONENT, 2020–2025 (USD MILLION)

TABLE 42 AUDIO CODEC MARKET FOR DESKTOP AND LAPTOP, BY REGION, 2017–2019 (USD MILLION)

TABLE 43 AUDIO CODEC MARKET FOR DESKTOP AND LAPTOP, BY REGION, 2020–2025 (USD MILLION)

## 7.3 MOBILE PHONE AND TABLET

7.3.1 ENTERTAINMENT OPTIONS IN SMARTPHONES TO DRIVE GROWTH OF AUDIO CODEC MARKET

## 7.4 IMPACT OF COVID-19 ON STEREO CODEC MARKET

FIGURE 31 IMPACT OF COVID-19 ON AUDIO CODEC MARKET FOR MOBILE PHONE AND TABLET APPLICATIONS

TABLE 44 POST-COVID-19 SCENARIO ANALYSIS: AUDIO CODEC MARKET FOR MOBILE PHONE AND TABLET APPLICATION, 2017–2025 (USD MILLION)

TABLE 45 AUDIO CODEC MARKET FOR MOBILE PHONE AND TABLET, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 46 AUDIO CODEC MARKET FOR MOBILE PHONE AND TABLET, BY COMPONENT, 2020–2025 (USD MILLION)

TABLE 47 AUDIO CODEC MARKET FOR MOBILE PHONE AND TABLET, BY REGION, 2017–2019 (USD MILLION)

TABLE 48 AUDIO CODEC MARKET FOR MOBILE PHONE AND TABLET, BY REGION, 2020–2025 (USD MILLION)

## 7.5 MUSIC & MEDIA DEVICE AND HOME THEATER

7.5.1 HOME ENTERTAINMENT PRODUCTS TO CREATE DEMAND FOR AUDIO CODECS

TABLE 49 AUDIO CODEC MARKET FOR MUSIC & MEDIA DEVICE AND HOME THEATER, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 50 AUDIO CODEC MARKET FOR MUSIC & MEDIA DEVICE AND HOME THEATER, BY COMPONENT, 2020–2025 (USD MILLION)

TABLE 51 AUDIO CODEC MARKET FOR MUSIC & MEDIA DEVICE AND HOME THEATER, BY REGION, 2017–2019 (USD MILLION)

TABLE 52 AUDIO CODEC MARKET FOR MUSIC & MEDIA DEVICE AND HOME THEATER, BY REGION, 2020–2025 (USD MILLION)

## 7.6 TELEVISION AND GAMING CONSOLE

7.6.1 EXCELLENT CONSUMER EXPERIENCE OF GAMING CONSOLE TO FUEL DEMAND FOR AUDIO CODEC

TABLE 53 AUDIO CODEC MARKET FOR TELEVISION AND GAMING CONSOLE, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 54 AUDIO CODEC MARKET FOR TELEVISION AND GAMING CONSOLE, BY COMPONENT, 2020–2025 (USD MILLION)

TABLE 55 AUDIO CODEC MARKET FOR TELEVISION AND GAMING CONSOLE, BY REGION, 2017–2019 (USD MILLION)

TABLE 56 AUDIO CODEC MARKET FOR TELEVISION AND GAMING CONSOLE, BY REGION, 2020–2025 (USD MILLION)

## 7.7 HEADPHONE, HEADSET, AND WEARABLE DEVICES

7.7.1 CHANGE IN CONSUMER BEHAVIOR FROM CONVENTIONAL TO WEARABLES AND HEARABLES

7.8 IMPACT OF COVID-19 ON HEADPHONE, HEADSET, AND WEARABLE DEVICE APPLICATIONS

FIGURE 32 IMPACT OF COVID-19 ON AUDIO CODEC MARKET FOR HEADPHONE, HEADSET, AND WEARABLE DEVICE APPLICATIONS

TABLE 57 POST-COVID-19 SCENARIO ANALYSIS: AUDIO CODEC MARKET FOR HEADPHONE, HEADSET, AND WEARABLE DEVICE APPLICATION, 2017–2025 (USD MILLION)

TABLE 58 AUDIO CODEC MARKET FOR HEADPHONE, HEADSET, AND WEARABLE DEVICES, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 59 AUDIO CODEC MARKET FOR HEADPHONE, HEADSET, AND WEARABLE DEVICES, BY COMPONENT, 2020–2025 (USD MILLION)

TABLE 60 AUDIO CODEC MARKET FOR HEADPHONE, HEADSET, AND WEARABLE DEVICES, BY REGION, 2017–2019 (USD MILLION)

TABLE 61 AUDIO CODEC MARKET FOR HEADPHONE, HEADSET, AND WEARABLE DEVICES, BY REGION, 2020–2025 (USD MILLION)

## 7.9 AUTOMOBILE INFOTAINMENT

7.9.1 INCREASING INTEGRATION OF INFOTAINMENT SYSTEMS, VOICE COMMAND, AND NAVIGATION SYSTEMS TO BOOST DEMAND FOR AUDIO CODECS

TABLE 62 AUDIO CODEC MARKET FOR AUTOMOBILE INFOTAINMENT, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 63 AUDIO CODEC MARKET FOR AUTOMOBILE INFOTAINMENT, BY COMPONENT, 2020–2025 (USD MILLION)

TABLE 64 AUDIO CODEC MARKET FOR AUTOMOBILE INFOTAINMENT, BY REGION, 2017–2019 (USD MILLION)

TABLE 65 AUDIO CODEC MARKET FOR AUTOMOBILE INFOTAINMENT, BY REGION, 2020–2025 (USD MILLION)

#### 7.10 OTHERS

TABLE 66 AUDIO CODEC MARKET FOR OTHERS, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 67 AUDIO CODEC MARKET FOR OTHERS, BY COMPONENT, 2020–2025 (USD MILLION)

TABLE 68 AUDIO CODEC MARKET FOR OTHERS, BY REGION, 2017–2019 (USD MILLION)

TABLE 69 AUDIO CODEC MARKET FOR OTHERS, BY REGION, 2020–2025 (USD MILLION)

7.10.1 SOFTWARE PLATFORM

7.10.2 BROADCASTING

7.10.3 AUDIO PRODUCTION AND RECORDING

7.10.4 IP TELEPHONY

## 8 AUDIO CODEC MARKET, BY GEOGRAPHY

### 8.1 INTRODUCTION

FIGURE 33 AUDIO CODEC MARKET GEOGRAPHIC SNAPSHOT

TABLE 70 AUDIO CODEC MARKET, BY REGION, 2017–2019 (USD MILLION)

TABLE 71 AUDIO CODEC MARKET, BY REGION, 2020–2025 (USD MILLION)

### 8.2 NORTH AMERICA

FIGURE 34 NORTH AMERICA: AUDIO CODEC MARKET SNAPSHOT

### 8.3 IMPACT OF COVID-19 ON AUDIO CODEC MARKET IN NORTH AMERICA

FIGURE 35 IMPACT OF COVID-19 ON AUDIO CODEC MARKET IN NORTH AMERICA

TABLE 72 POST-COVID-19, AUDIO CODEC MARKET IN NORTH AMERICA, 2017–2025 (USD MILLION)

TABLE 73 AUDIO CODEC MARKET IN NORTH AMERICA, BY COUNTRY, 2017–2019 (USD MILLION)

TABLE 74 AUDIO CODEC MARKET IN NORTH AMERICA, BY COUNTRY, 2020–2025 (USD MILLION)

TABLE 75 AUDIO CODEC MARKET IN NORTH AMERICA, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 76 AUDIO CODEC MARKET IN NORTH AMERICA, BY COMPONENT, 2020–2025 (USD MILLION)

TABLE 77 AUDIO CODEC MARKET IN NORTH AMERICA, BY APPLICATION, 2017–2019 (USD MILLION)

TABLE 78 AUDIO CODEC MARKET IN THE NORTH AMERICA, BY APPLICATION, 2020–2025 (USD MILLION)

### 8.3.1 US

8.3.1.1 Innovation and product development to help US lead North American audio codec market

TABLE 79 AUDIO CODEC MARKET IN US, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 80 AUDIO CODEC MARKET IN US, BY COMPONENT, 2020–2025 (USD MILLION)

### 8.3.2 CANADA

8.3.2.1 Government initiatives related to electric vehicles to boost sales of audio codecs

TABLE 81 AUDIO CODEC MARKET IN CANADA, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 82 AUDIO CODEC MARKET IN CANADA, BY COMPONENT, 2020–2025 (USD MILLION)

### 8.3.3 MEXICO

8.3.3.1 Manufacturing setup and easy transportation capabilities to support market growth

TABLE 83 AUDIO CODEC MARKET IN MEXICO, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 84 AUDIO CODEC MARKET IN MEXICO, BY COMPONENT, 2020–2025 (USD MILLION)

## 8.4 EUROPE

FIGURE 36 EUROPE: AUDIO CODEC MARKET SNAPSHOT

TABLE 85 AUDIO CODEC MARKET IN EUROPE, BY COUNTRY, 2017–2019 (USD MILLION)

TABLE 87 AUDIO CODEC MARKET IN EUROPE, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 88 AUDIO CODEC MARKET IN EUROPE, BY COMPONENT, 2020–2025 (USD MILLION)

TABLE 89 AUDIO CODEC MARKET IN EUROPE, BY APPLICATION, 2017–2019 (USD MILLION)

TABLE 90 AUDIO CODEC MARKET IN EUROPE, BY APPLICATION, 2020–2025 (USD MILLION)

#### 8.4.1 GERMANY

8.4.1.1 Automobile application to fuel demand of audio codecs in Germany

TABLE 91 AUDIO CODEC MARKET IN GERMANY, BY COMPONENT, 2017–2019  
(USD MILLION)

TABLE 92 AUDIO CODEC MARKET IN GERMANY, BY COMPONENT, 2020–2025  
(USD MILLION)

#### 8.4.2 UK

8.4.2.1 Growing adoption of Consumer electronics and durables is fueling demand for audio codecs

TABLE 93 AUDIO CODEC MARKET IN THE UK, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 94 AUDIO CODEC MARKET IN THE UK, BY COMPONENT, 2020–2025 (USD MILLION)

#### 8.4.3 ITALY

8.4.3.1 Innovation in consumer electronics to create demand for audio codecs

TABLE 95 AUDIO CODEC MARKET IN ITALY, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 96 AUDIO CODEC MARKET IN ITALY, BY COMPONENT, 2020–2025 (USD MILLION)

#### 8.4.4 FRANCE

8.4.4.1 Technologically Advanced companies to invest and focus more on innovation of audio and video products

TABLE 97 AUDIO CODEC MARKET IN FRANCE, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 98 AUDIO CODEC MARKET IN FRANCE, BY COMPONENT, 2020–2025 (USD MILLION)

#### 8.4.5 RUSSIA

8.4.5.1 Large presence of some of major players related to semiconductor and electronics industries

TABLE 99 AUDIO CODEC MARKET IN RUSSIA, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 100 AUDIO CODEC MARKET IN RUSSIA, BY COMPONENT, 2020–2025 (USD MILLION)

#### 8.4.6 REST OF EUROPE

TABLE 101 AUDIO CODEC MARKET IN REST OF EUROPE, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 102 AUDIO CODEC MARKET IN REST OF EUROPE, BY COMPONENT, 2020–2025 (USD MILLION)

### 8.5 ASIA PACIFIC



**FIGURE 37 APAC: AUDIO CODEC MARKET SNAPSHOT****8.5.1 IMPACT OF COVID-19 ON AUDIO CODEC MARKET IN APAC****FIGURE 38 IMPACT OF COVID-19 ON AUDIO CODEC MARKET IN APAC****TABLE 103 POST-COVID-19 SCENARIO ANALYSIS, AUDIO CODEC MARKET IN APAC, 2017–2025 (USD MILLION)****TABLE 104 AUDIO CODEC MARKET IN APAC, BY COUNTRY, 2017–2019 (USD MILLION)****TABLE 105 AUDIO CODEC MARKET IN APAC, BY COUNTRY, 2020–2025 (USD MILLION)****TABLE 106 AUDIO CODEC MARKET IN APAC, BY COMPONENT, 2017–2019 (USD MILLION)****TABLE 107 AUDIO CODEC MARKET IN APAC, BY COMPONENT, 2020–2025 (USD MILLION)****TABLE 108 AUDIO CODEC MARKET IN APAC, BY APPLICATION, 2017–2019 (USD MILLION)****TABLE 109 AUDIO CODEC MARKET IN APAC, BY APPLICATION, 2020–2025 (USD MILLION)****8.5.2 JAPAN****8.5.2.1 High manufacturing capabilities in automobile and electronics industries to fuel demand for audio codecs****TABLE 110 AUDIO CODEC MARKET IN JAPAN, BY COMPONENT, 2017–2019 (USD MILLION)****TABLE 111 AUDIO CODEC MARKET IN JAPAN, BY COMPONENT, 2020–2025 (USD MILLION)****8.5.3 SOUTH KOREA****8.5.3.1 Investments in semiconductor industry to create opportunities for innovative audio products in South Korea****TABLE 112 AUDIO CODEC MARKET IN SOUTH KOREA, BY COMPONENT, 2017–2019 (USD MILLION)****TABLE 113 AUDIO CODEC MARKET IN SOUTH KOREA, BY COMPONENT, 2020–2025 (USD MILLION)****8.5.4 CHINA****8.5.4.1 Massive and automated manufacturing setup in China****TABLE 114 AUDIO CODEC MARKET IN CHINA, BY COMPONENT, 2017–2019 (USD MILLION)****TABLE 115 AUDIO CODEC MARKET IN CHINA, BY COMPONENT, 2020–2025 (USD MILLION)****8.5.5 INDIA****8.5.5.1 Shifting of production plants from foreign countries to India to boost demand**

for audio codecs

TABLE 116 AUDIO CODEC MARKET IN INDIA, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 117 AUDIO CODEC MARKET IN INDIA, BY COMPONENT, 2020–2025 (USD MILLION)

#### 8.5.6 VIETNAM

8.5.6.1 Economical labor and increasing GDP is helping Vietnam to grow in audio codec market

TABLE 118 AUDIO CODEC MARKET IN VIETNAM, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 119 AUDIO CODEC MARKET IN VIETNAM, BY COMPONENT, 2020–2025 (USD MILLION)

#### 8.5.7 REST OF APAC

TABLE 120 AUDIO CODEC MARKET IN REST OF APAC, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 121 AUDIO CODEC MARKET IN REST OF APAC, BY COMPONENT, 2020–2025 (USD MILLION)

#### 8.6 ROW

FIGURE 39 ROW: AUDIO CODEC MARKET SNAPSHOT

TABLE 122 AUDIO CODEC MARKET IN ROW, BY REGION, 2017–2019 (USD MILLION)

TABLE 123 AUDIO CODEC MARKET IN ROW, BY REGION, 2020–2025 (USD MILLION)

TABLE 124 AUDIO CODEC MARKET IN ROW, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 125 AUDIO CODEC MARKET IN ROW, BY COMPONENT, 2020–2025 (USD MILLION)

TABLE 126 AUDIO CODEC MARKET IN ROW, BY APPLICATION, 2017–2019 (USD MILLION)

TABLE 127 AUDIO CODEC MARKET IN ROW, BY APPLICATION, 2020–2025 (USD MILLION)

#### 8.6.1 SOUTH AMERICA

8.6.1.1 Adoption of latest technologies embedded in domestic electronics to play a vital role in growth of audio codec market

TABLE 128 AUDIO CODEC MARKET IN SOUTH AMERICA, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 129 AUDIO CODEC MARKET IN SOUTH AMERICA, BY COMPONENT, 2020–2025 (USD MILLION)

#### 8.6.2 MIDDLE EAST & AFRICA



8.6.2.1 Growing adoption of Internet-based electronics to create demand for audio codecs

TABLE 130 AUDIO CODEC MARKET IN MIDDLE EAST & AFRICA, BY COMPONENT, 2017–2019 (USD MILLION)

TABLE 131 AUDIO CODEC MARKET IN MIDDLE EAST & AFRICA, BY COMPONENT, 2020–2025 (USD MILLION)

## **9 COMPETITIVE LANDSCAPE**

### **9.1 OVERVIEW**

FIGURE 40 PRODUCT LAUNCHES EMERGED AS KEY STRATEGIES ADOPTED BY MARKET PLAYERS FROM JANUARY 2017 TO JUNE 2020

### **9.2 MARKET SHARE AND RANKING ANALYSIS OF KEY COMPANIES, 2019**

TABLE 132 MARKET SHARE ANALYSIS: AUDIO CODEC HARDWARE MARKET, 2019

TABLE 133 MARKET RANKING ANALYSIS: AUDIO CODEC SOFTWARE MARKET, 2019

### **9.3 FIVE YEAR REVENUE ANALYSIS**

FIGURE 41 FIVE YEAR REVENUE SNAPSHOT OF MAJOR PLAYERS (USD MILLION)

### **9.4 COMPANY LEADERSHIP MAPPING, 2019**

#### **9.4.1 STAR**

#### **9.4.2 EMERGING LEADER**

#### **9.4.3 PERVASIVE**

#### **9.4.4 PARTICIPANT**

FIGURE 42 AUDIO CODEC MARKET, COMPANY EVALUATION MATRIX (2019)

### **9.5 STARTUP/SME EVALUATION MATRIX, 2019**

#### **9.5.1 PROGRESSIVE COMPANIES**

#### **9.5.2 RESPONSIVE COMPANIES**

#### **9.5.3 DYNAMIC COMPANIES**

#### **9.5.4 STARTING BLOCKS**

FIGURE 43 AUDIO CODEC MARKET, STARTUP/SME EVALUATION MATRIX (2019)

### **9.6 COMPETITIVE SITUATIONS AND TRENDS**

#### **9.6.1 PRODUCT LAUNCHES**

TABLE 134 PRODUCT LAUNCHES, JANUARY 2017 AND JUNE 2020

#### **9.6.2 DEALS**

TABLE 135 DEALS, JANUARY 2017 AND JUNE 2020

## **10 COMPANY PROFILES**

## 10.1 INTRODUCTION

### 10.2 KEY PLAYERS

(Business overview, Products offered, Recent Developments, SWOT analysis, MNM view)\*

#### 10.2.1 CIRRUS LOGIC

FIGURE 44 CIRRUS LOGIC: COMPANY SNAPSHOT

#### 10.2.2 QUALCOMM

FIGURE 45 QUALCOMM: COMPANY SNAPSHOT

#### 10.2.3 REALTEK SEMICONDUCTOR

FIGURE 46 REALTEK SEMICONDUCTOR: COMPANY SNAPSHOT

#### 10.2.4 DOLBY LABORATORIES

FIGURE 47 DOLBY LABORATORIES: COMPANY SNAPSHOT

#### 10.2.5 TECHNICOLOR

FIGURE 48 TECHNICOLOR: COMPANY SNAPSHOT

#### 10.2.6 ANALOG DEVICES

FIGURE 49 ANALOG DEVICES: COMPANY SNAPSHOT

#### 10.2.7 MAXIM INTEGRATED

FIGURE 50 MAXIM INTEGRATED PRODUCTS, INC.: COMPANY SNAPSHOT

#### 10.2.8 STMICROELECTRONICS

FIGURE 51 STMICROELECTRONICS: COMPANY SNAPSHOT

#### 10.2.9 TEXAS INSTRUMENTS

FIGURE 52 TEXAS INSTRUMENTS INC: COMPANY SNAPSHOT

#### 10.2.10 DSP GROUP

FIGURE 53 DSP GROUP: COMPANY SNAPSHOT

\*Details on Business overview, Products offered, Recent Developments, SWOT analysis, MNM view might not be captured in case of unlisted companies.

### 10.3 RIGHT TO WIN

### 10.4 OTHER COMPANIES

#### 10.4.1 FRAUNHOFER IIS

#### 10.4.2 XIPH

#### 10.4.3 BROADCOM

#### 10.4.4 AMS

#### 10.4.5 TEMPO SEMICONDUCTOR

#### 10.4.6 DIALOG SEMICONDUCTOR

#### 10.4.7 DIGIGRAM

#### 10.4.8 CML MICROCIRCUITS

#### 10.4.9 BARIX

#### 10.4.10 TIELINE

- 10.4.11 SYNOPSIS
- 10.4.12 ITTIAM
- 10.4.13 ATC LABS
- 10.4.14 AKM (ASAHI KASEI MICRODEVICES)
- 10.4.15 SONY

## **11 APPENDIX**

- 11.1 INSIGHTS OF INDUSTRY EXPERTS
- 11.2 DISCUSSION GUIDE
- 11.3 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL
- 11.4 AVAILABLE CUSTOMIZATIONS
- 11.5 RELATED REPORTS
- 11.6 AUTHOR DETAILS

## I would like to order

Product name: Audio Codec Market by Component Type (Hardware and Software), Application (Desktop and Laptop, Mobile Phone and Tablet, Headphones, Headset and Wearable Devices), and Region - Forecast to 2025

Product link: <https://marketpublishers.com/r/AE30B6EA385EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/AE30B6EA385EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970