



Snapdragon
sound

DELIVERING IMMERSIVE SOUND EXPERIENCES:

Qualcomm® S3 Gen 2 Sound Platform
optimized for gaming and LE Audio



Our very best sound experience
for gaming, streaming music,
and making voice and video calls.



CONSUMERS WANT PREMIUM SOUND FOR ALL USE CASES

58% Interested in lossless and high-res music streaming

79% Said lower audio lag would be a purchase driver for next wireless earbuds

2hrs Daily average for mobile gaming with wireless earbuds

70% Want robust connectivity with no audio dropouts or glitches



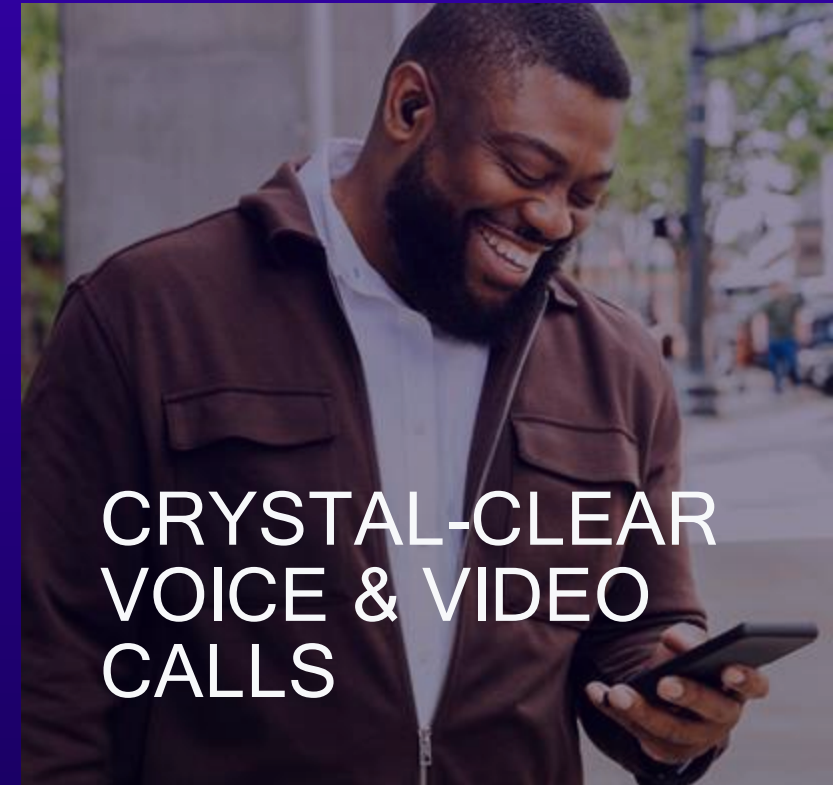
**Snapdragon
sound**



**LAG-FREE
IMMERSIVE
GAMING**



**LOSSLESS &
HIGH-RES MUSIC
LISTENING**



**CRYSTAL-CLEAR
VOICE & VIDEO
CALLS**

with robust connectivity and interoperability between devices

70+
customers to date

100+
devices available



Snapdragon
sound

snapdragonsound.com

Mobile OEMs

ASUS



motorola

nubia

oppo

vivo

SHARP

SONY



ZTE

Accessory OEMs



audio-technica

AVIOT

BOSE

CAMBRIDGE
AUDIO



cheero

cleer

ear

EDIFIER 漫步者

ELECOM

FiiO

final

FOSTEX



ifi

MASTER & DYNAMIC

McGee

NUARL

nura

NOBLE

ODDICT

PHIATON

radius



RION

YAMAHA

ZEENY

ODMs

Britz

CRESYN

Goertek

Grandsun

HANK 汉科股份



KINGSTATE



Liesheng

MERRY

QCY

SKY WING

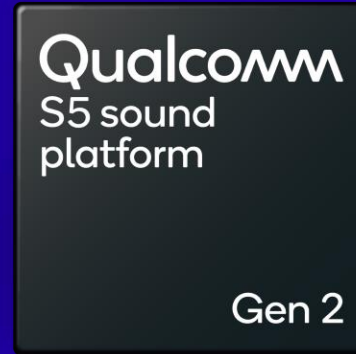
TYMPHANY

ENCER



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IMMERSIVE SOUND EXPERIENCES





AN ADDITION TO OUR QUALCOMM[®] S3 GEN 2 SOUND PLATFORM

Optimized for gaming and LE Audio

Introducing the Qualcomm® S3 Gen 2 Sound Platform designed for use in dongles and adapters



Snapdragon
sound



Our lowest ever
latency for gaming
<20ms



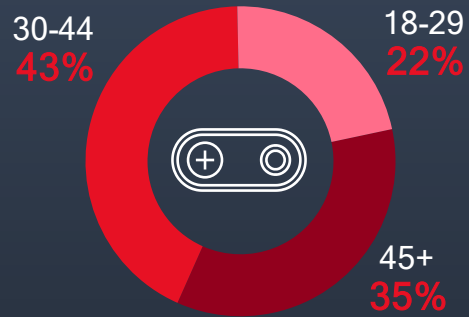
Advanced user
experiences with
LE Audio



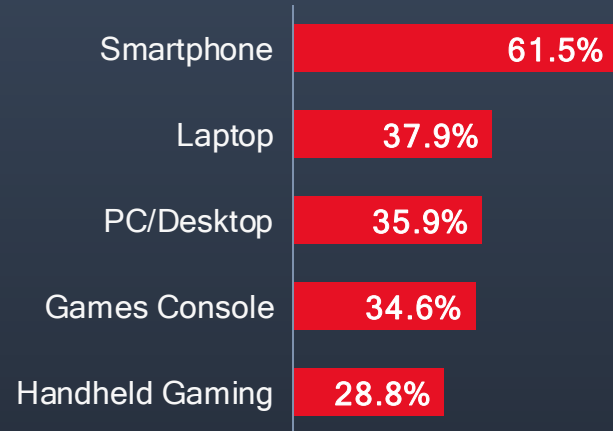
Audiophile quality
music streaming

More daily gamers than ever, using a variety of audio devices to enhance their experiences

Daily smartphone gamers by age (Global average)



How often do you game on each device more than twice a week?



79% listed lower audio lag for gaming as a likely purchase driver for their next true wireless earbuds

Utilizing Snapdragon Sound
and LE Audio to deliver Bluetooth®
latencies that match proprietary
gaming solutions



ULTRA-LOW LATENCY

With voice back-channel
for in-game chat

Optimized for use
in gaming dongles

Note: Testing performed internally with our development board platforms
* Indicates our target latency for future releases



Low latency for gaming

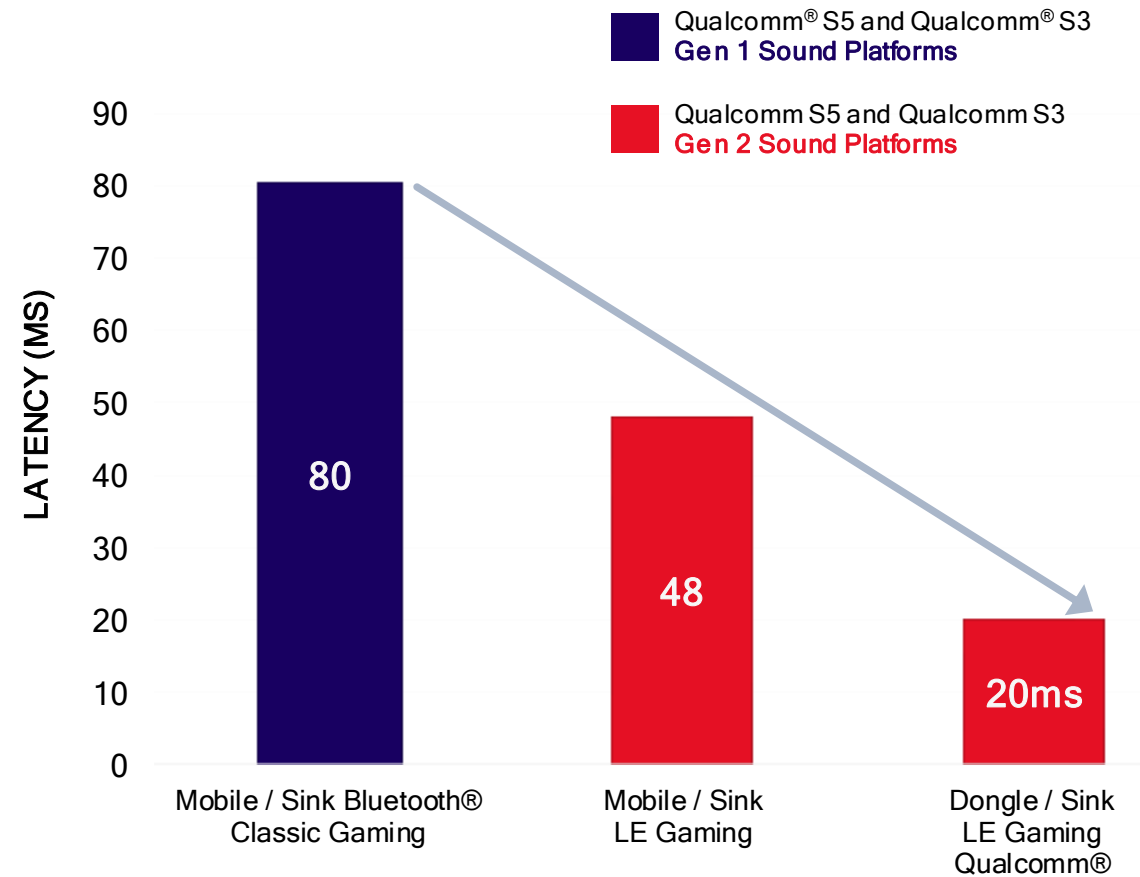
With voice back channel



Qualcomm® QCC5181 or Qualcomm® QCC308x based earbuds or headsets

>60% latency improvement

Gaming latency evolution



NEW
EXPERIENCES



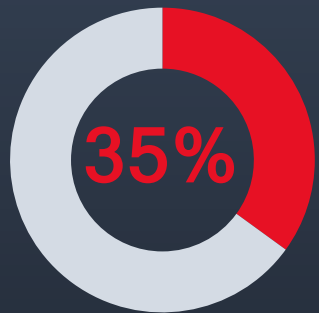
WITH
LE AUDIO

Anticipation for Bluetooth® LE audio and Auracast grows

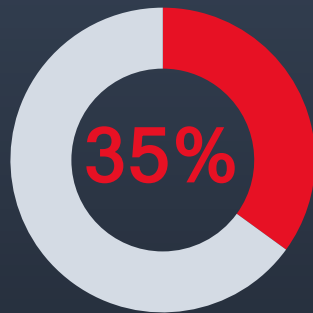
Significant interest in LE audio use cases

Broadcast audio - Auracast™

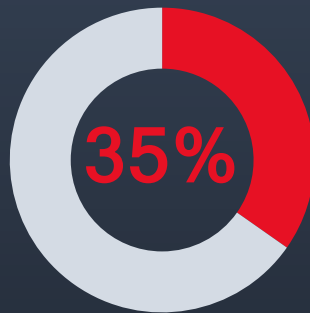
Which of the following audio sharing uses would you be interested in?



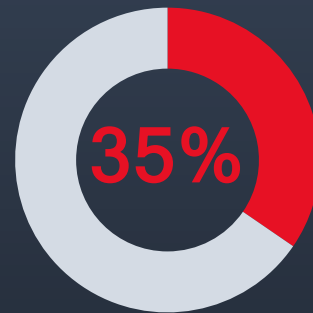
Connect my wireless earbuds / headphones to a public venue's broadcast (e.g., in gyms or airports)



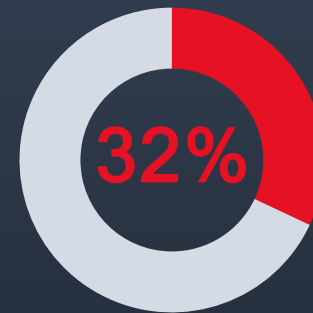
Stream to multiple Bluetooth devices simultaneously



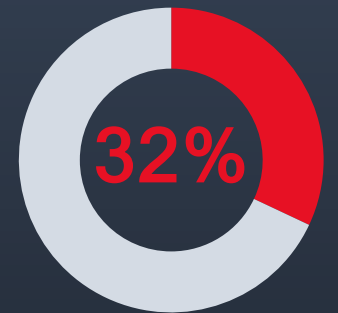
Stream audio from your smartphone to several wireless devices at the same time



Connect to one of several TV screen (e.g., in gyms or airports)



Watch TV with several earbuds, at different volumes



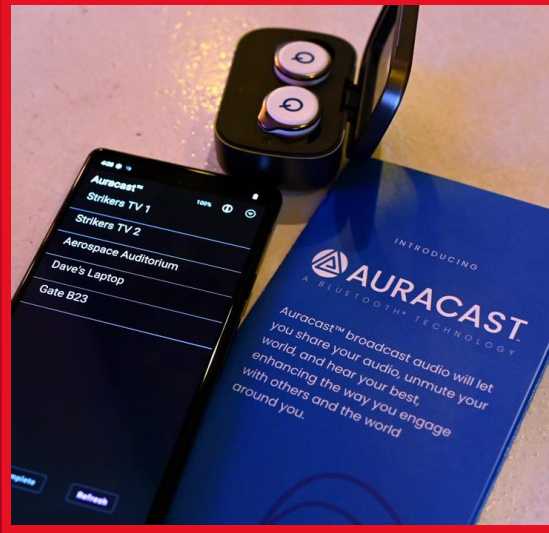
Watch the same TV program at different volumes over individual wireless earbuds / headphones

● Interested to Extremely Interested

AURACAST BROADCAST AUDIO



The Auracast Experience at Computex Made possible by Qualcomm® earbud platforms



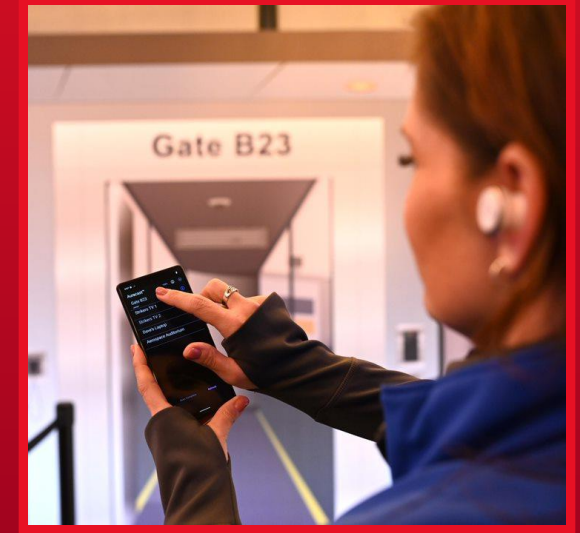
Hearing your best in auditoriums



Unmuting silent TVs



Sharing audio with family and friends



Hearing announcements at airport gates

SNAPDRAGON SOUND FOR LE AUDIO

Lowest latency

Voice back-channel

Lossless music



Snapdragon Sound for Gaming



LE Audio support
for dongles and
source devices



<20ms ultra-low
latency



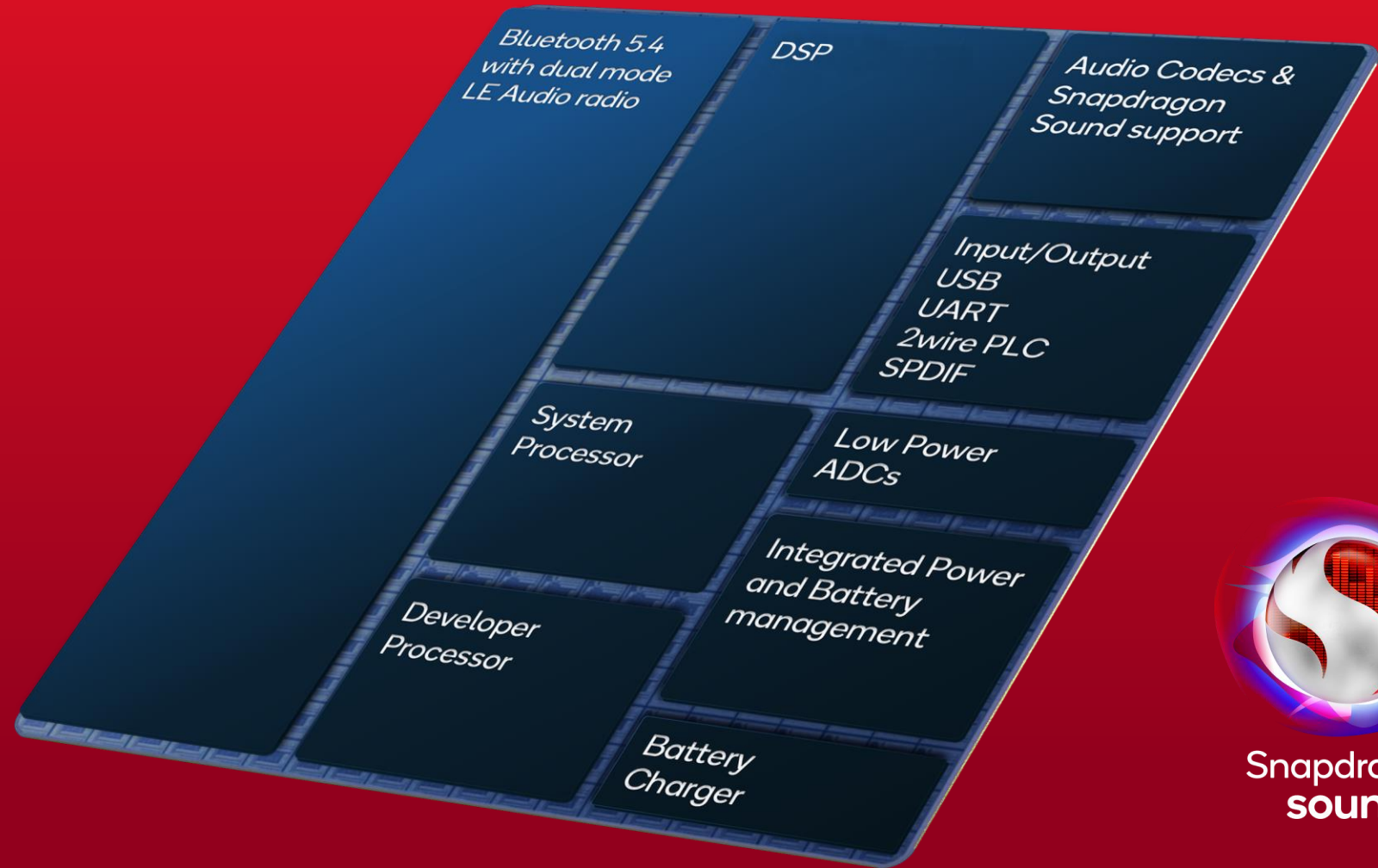
Ultra-low
power design



Powerful
processing

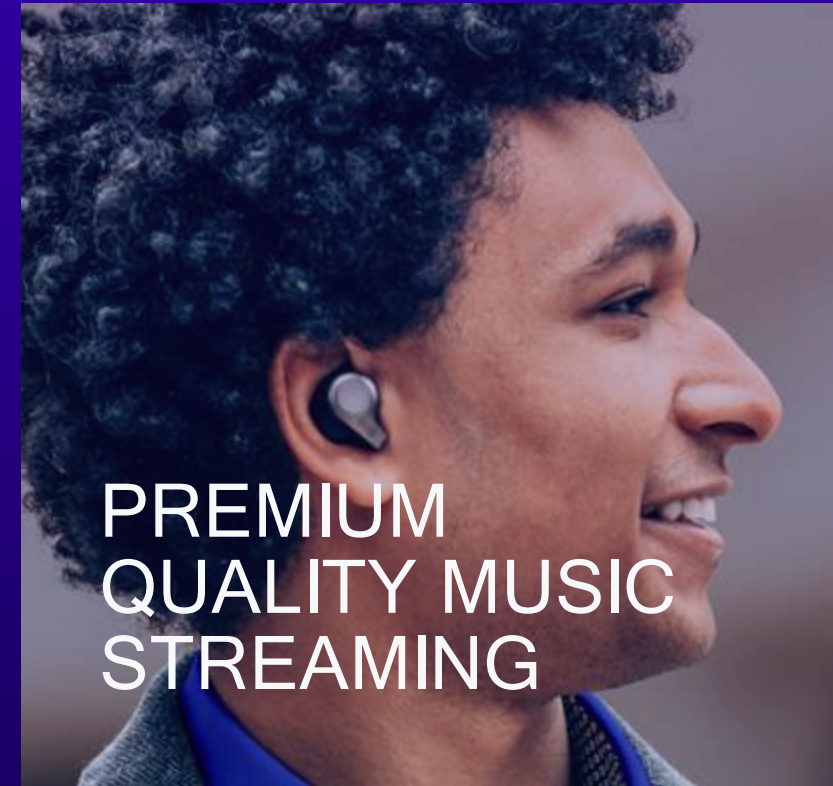


Robust
connectivity



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Qualcomm® S3 Gen 2 Sound Platform optimised for adapters and dongles



Bringing enhanced user experiences to any source

LE Audio and Snapdragon Sound

Will provide enhanced sound experiences for stereo recording and gaming



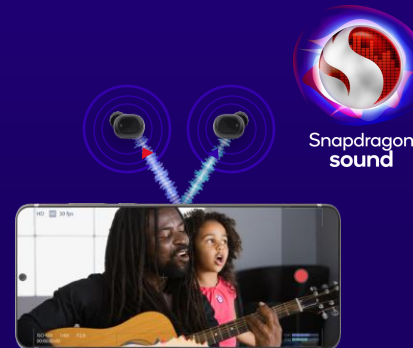
Auracast™



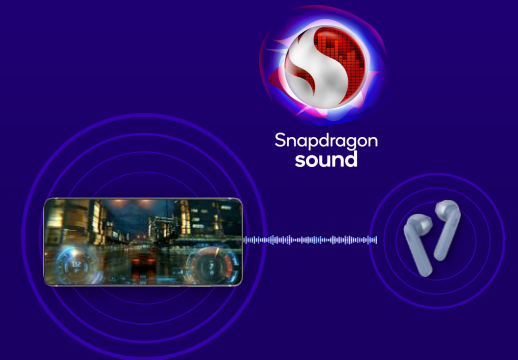
Audio Sharing



Stereo Recording



Gaming Mode





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THANK YOU



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