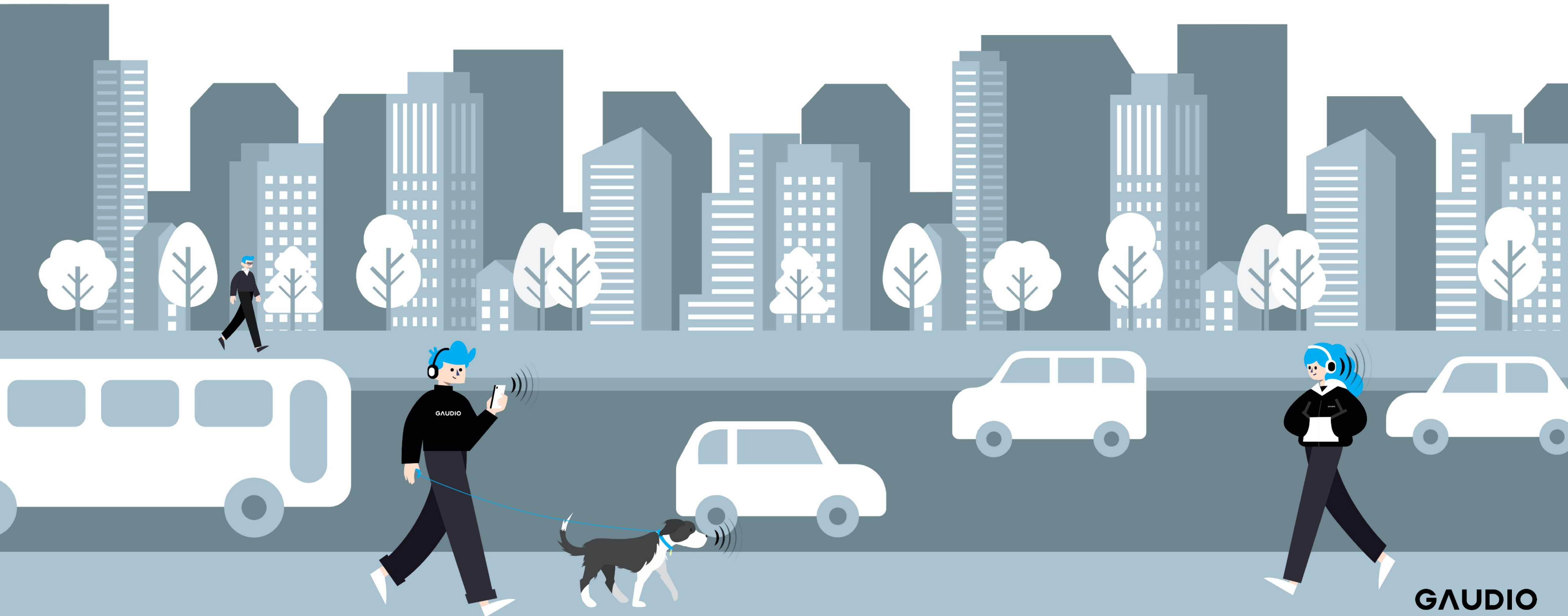


# Just Voice SDK




# Multiple Awards & Media recognitions : 2024 CES Innovation Award, SXSW Innovation Award Finalist, MusicRadar

CES 2024 INNOVATION AWARD PRODUCT

## GAUDIO Just Voice

By Gaudio Lab, Inc.




**Honoree**  
Web3 and Metaverse Technologies

Just Voice eliminates ambient noise, guiding only your voice into a virtual world. Powered by cutting-edge noise removal and AI audio separation tech, it eliminates distractions hindering metaverse engagement. With the Sound Generative AI 'FALL-E', Gaudio Lab presents an even more realistic immersive experience, by adding environment-fitting sounds to vocals cleanly separated by AI. Furthermore, Our Spatial Audio feature enhances immersive soundscapes, amplifying a realistic metaverse experience. From bustling streets to cheering stadiums, Just Voice ensures a natural transition into virtual realms.

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## We tested 5 of the best stem separation software tools (and the best one was free)

By Matt Mullen ( Computer Music, Future Music ) published 8 days ago

**Winner: Gaudio Studio**

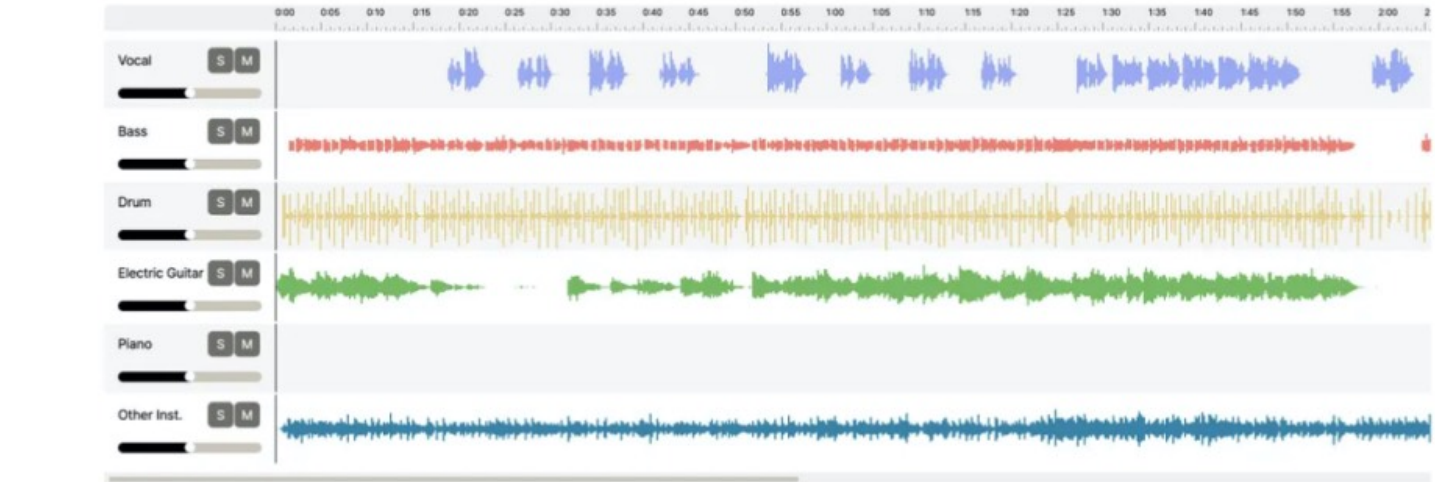
Who'd have guessed it? The winner of our grand stem separation showdown is actually the only free option we've tested: Gaudio Studio. This verdict comes with a caveat, though. While [Gaudio Studio](#) narrowly edged past the competition when it came to the quality of the stems it produced (and its lack of a price tag) was by far the least versatile choice in terms of additional features and functionality.

### 1. Gaudio Studio | Free

GAUDIO STUDIO

ES\_Windowpane - Staffan Carlé.mp3

Auto Scroll




매일경제 구독중

### 가우디오랩, AI 소음제거 기술 SXSW 혁신상에 올라

입력 2024.01.30. 오전 11:26 기사원문

AI 소음제거 기술 'Just Voice', SXSW 2024 혁신상 파이널 리스트에 올라  
MS 나델라 최고 경영자가 CES에서 직접 '픽(Pick)'한 한국의 AI 오디오 전문 기업



이미디어공-가우디오랩

AI 오디오 전문 기업 가우디오랩(대표 오현오)의 'Just Voice(저스트 보이싱)'가 세계 최대 규모 종합 예술 축제 '사우스 바이 사우스웨스트(South by Southwest, 이하 SXSW)'의 이노베이션 어워즈(Innovation Awards, 이하 혁신상) 오디오 경험 부문 파이널 리스트로 선정됐다.

### SXSW Picks Gaudio Lab's AI Noise-Canceling Technology as Finalist for Innovation Award

A Michael Herh | 승인 2024.01.31 11:11



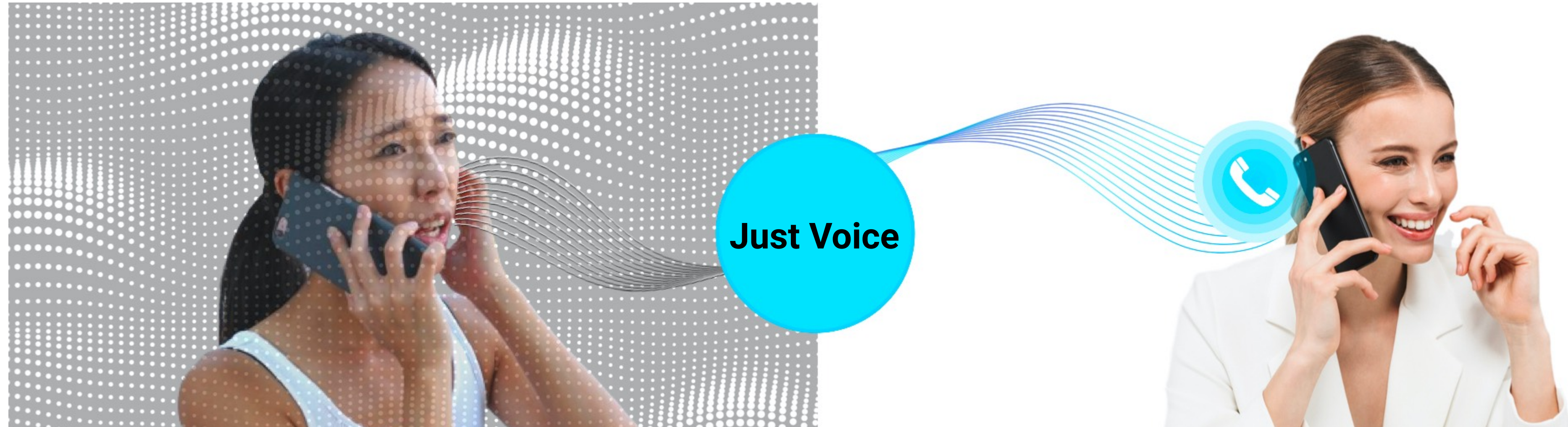
Gaudio Lab's Just Voice

AI audio company Gaudio Lab announced on Jan. 30 that its Just Voice technology has been named a finalist in the Audio Experience category of the Innovation Awards at South by Southwest (SXSW).

SXSW began in 1987 as a small music festival in Austin, Texas and has grown to become a conference and festival at the intersection of technology, film, music, education and culture. It is considered a place for creative ideas from startups from around the world, and each year the organization gives out innovation awards to recognize the most innovative products or technologies in a particular field.

# 불편한 잡음은 싹 빼고, '목소리만' 또렷하게 들려주세요

Just Voice SDK는 초경량 온디바이스 AI SDK로, 배경 소음을 제거하고 선명한 음성만을 전달합니다.

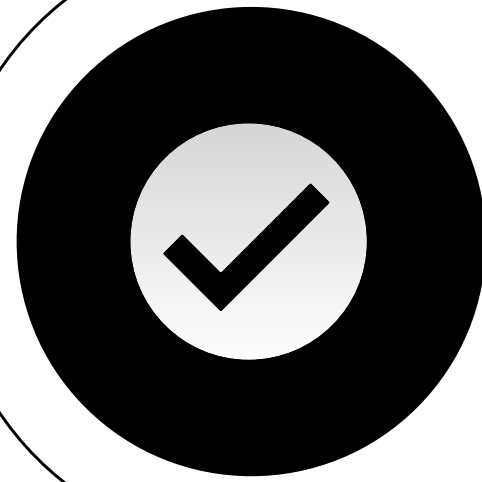


- 영국 저명 매체인 MusicRadar가 선정한 세계 최고의 음원 분리 기술을,
- 실시간으로 구동되도록 모델을 경량화 하고,
- 종류/환경 별로 균형 잡힌 10만 여개의 Noise Dataset으로 트레이닝 되었습니다.

# Demo: 들어보면 아시게 됩니다.



# Why Just Voice SDK?



## 30ms 초저지연

- 실시간 커뮤니케이션에서도 지연이 느껴지지 않습니다
- 저사양 기기에서도 균일한 Latency를 제공합니다



## 초경량

- TensorFlow Lite나 LibTorch 의존성이 없는 가벼운 제품
- Android, iOS, Windows, macOS 외 embedded 환경도 적용 가능합니다



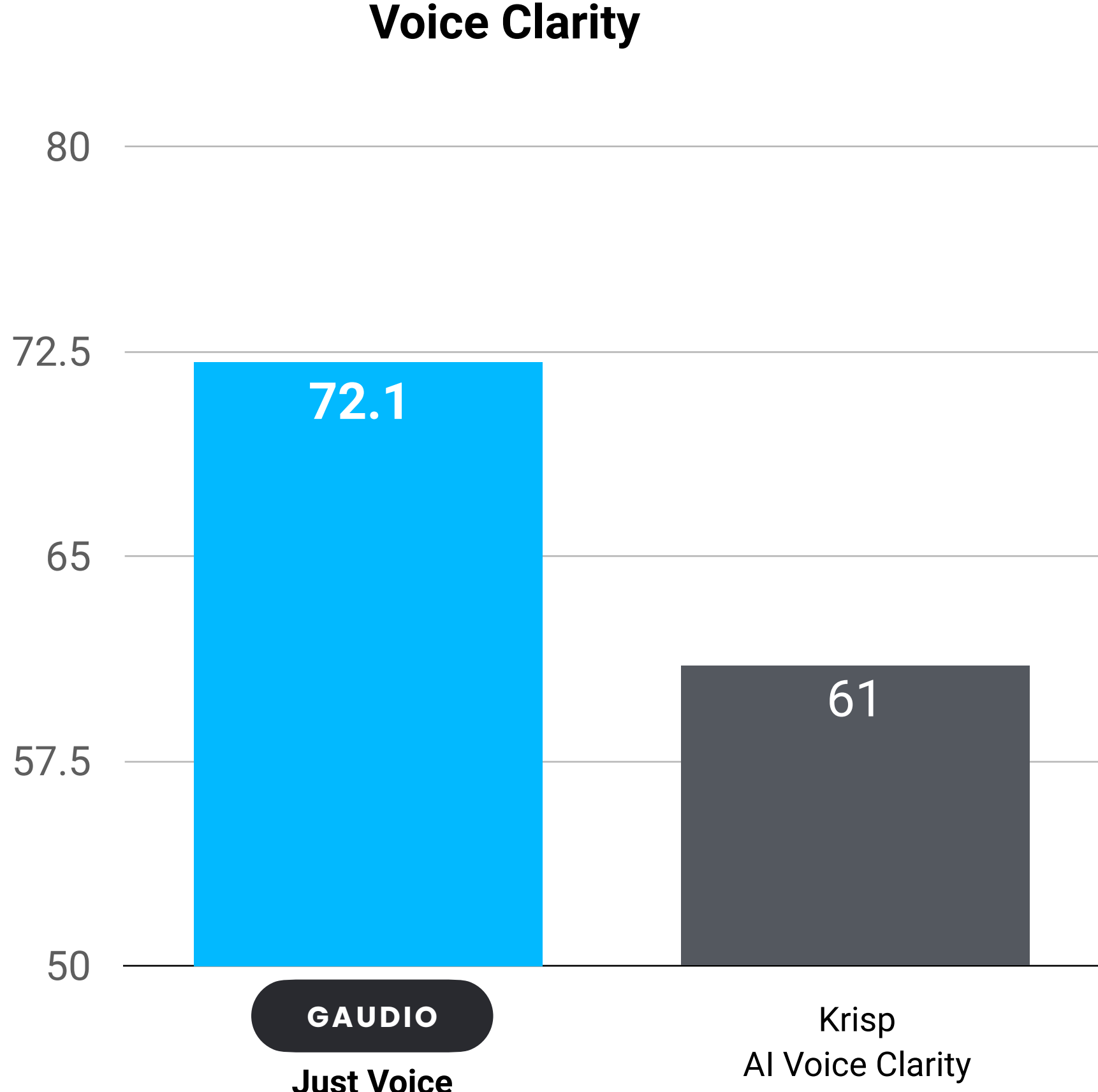
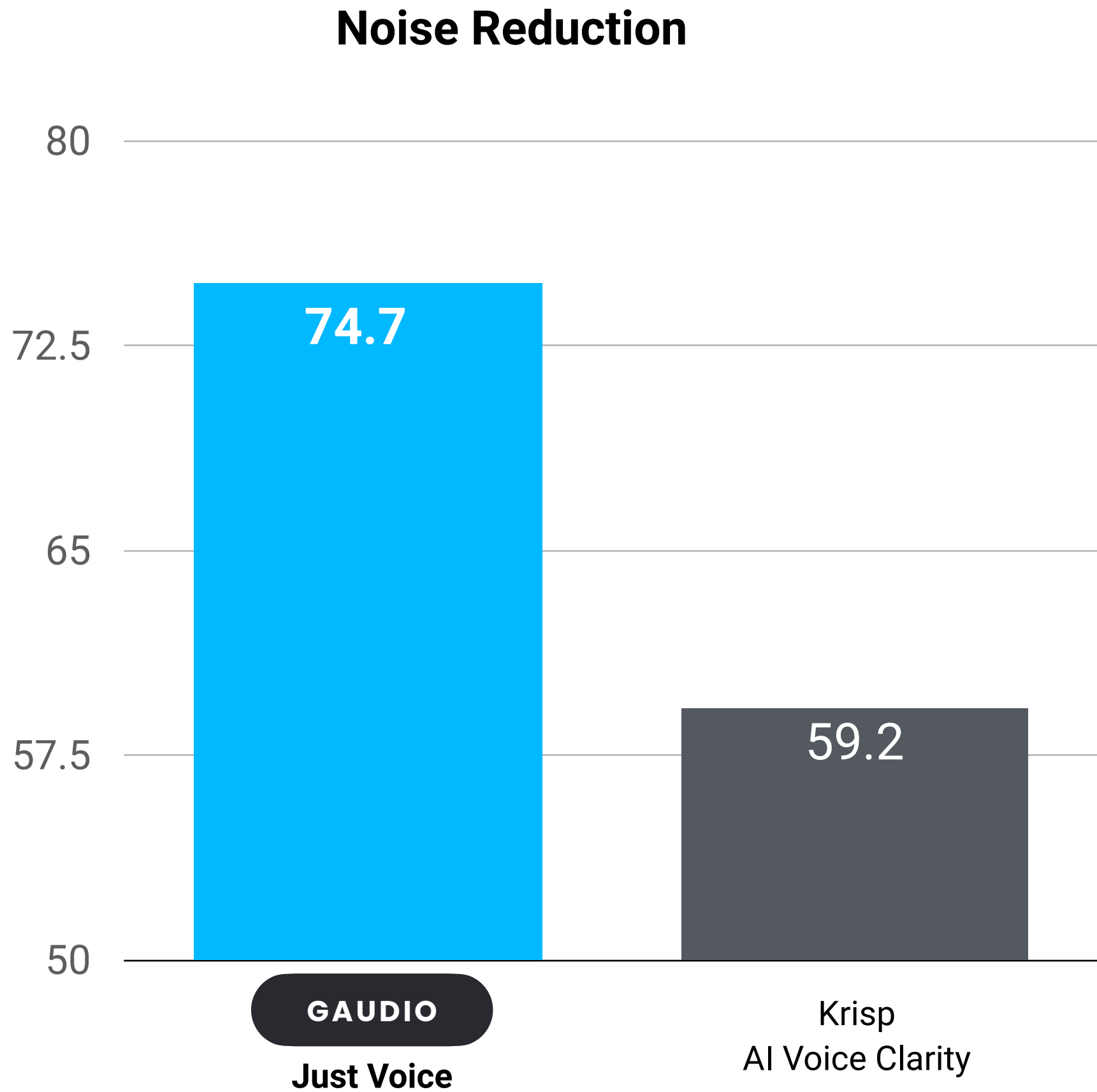
## Market- proven

- Just Voice는 이미 네이버에서 채택, 서비스 적용중입니다
- 매일 3천만 명 이상의 사용자가 가우디오의 SDK를 사용합니다

NAVER LG LINE MUSIC TWING Melón FLO

# Blind Subjective Listening Test Result \*

In both Noise Reduction and Voice Clarity, Gaudio's Just Voice beats Krisp's AI Voice Clarity



**\* Blind Subjective "Preference" Listening Test**

A blind subjective listening test was conducted to evaluate the noise reduction performance and voice clarity of Gaudio's Just Voice and Krisp's AI Voice Clarity. 30 Participants were asked to choose which audio sample sounds better perceptually between randomly selected two samples during the blind test. Each test was conducted on 16 samples with a combination of noise types and situations. The test was done in Jan. 2024.

# Specification

Latency	30ms *
Input Sample Rate	6, 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48, 64, 88.2, 96, 176.4, 192 kHz
Memory Size	9MB
FLOPs	<i>to be updated</i>
Supported Platforms	Android, iOS, macOS, Windows, Linux

\* 2015년에 출시한 갤럭시노트5, 2017년에 출시한 아이폰8에서도 30ms로 일정합니다.



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**THANK YOU**