

W4 Plus AI Interpreter Earbuds



Product Hardware Specifications			
Dimensions	66.6x54.3x33.9mm	Charging Port	Type-C Charging
Weight	116.5g (With Earbuds)	Input	Supports 5V-1A
Battery Capacity	500mAh	Charging Time	1.5H
Supported Systems	≥Android 10 / ≥iOS 14	Battery Life	12H (Translation) 18H (Music Playback)
Earbuds Specifications			
Type	Semi-in-ear	Microphone(s)	1 bone voiceprint sensor + 2 microphones (hybrid bone conduction and microphone pickup)
Dimensions	49.5 x 19.9 x 25.9 mm		
Weight	5.7g	Input	5V-120mA
Resistance	16 Ohm	Charging Time	50 Minutes
Speaker	12mm	Connectivity	BLE 5.3 Connection
Battery Capacity	60mAh	Battery Life	3H+ (Continuous Translation)
Packaging Dimensions		L×W×H	120.8 x 119 x 49 mm

Product Model		W4 Plus	W4 Plus (Subscription Version)	
Subscription Plan		/	Free Plan	Unlimited Plan
Cost		/	Free	\$14.99/Month
Modes	One-on-One Translation	✓	✓	✓
	Listen & Play Translation	✓	✓	✓
	Voice Call Translation	✓	7-Day Free Trial	✓
	Multi-Media Translation	✓	7-Day Free Trial	✓
AI Features	AI Live Summary	✓	7-Day Free Trial	✓
	AI Specialized Translation	✓	7-Day Free Trial	✓
	AI Conversation Memory	✓	7-Day Free Trial	✓
AI Language Tutor		✓	✓	✓
Offline Translation		✓	✓	✓

*All data are based on specific testing environments. Actual performance may vary due to production batches, usage environments, and habits. Specifications are subject to change without notice.
Product details and promotional policies are subject to the actual display on each platform/channel.

About Us

Founded in 2016, Timekettle pioneered Babel OS, the industry's first proprietary AI simultaneous translation OS.

Powered by this technology, Timekettle delivers world-renowned translation earbuds that enable natural communication in native languages.

Today, Timekettle serves over 2 million users across 200+ countries, standing as the world's leading translation earbud brand and the US best-seller.



Founded in 2016
Built in innovation
Driven by passion



2M+ Users
Trusted by millions worldwide.



200+ Countries
Breaking language barriers globally.



Pionner of Babel OS
The world's 1st AI simultaneous translation OS.



Connect Beyond Words



Timekettleglobal



Timekettle



Timekettletech



Timekettle

Website: www.timekettle.co **Email:** info@timekettle.co
Address: 8th Floor, West Tower, Lepu Building, No. 66, Xingke Road, Nanshan, Shenzhen, China

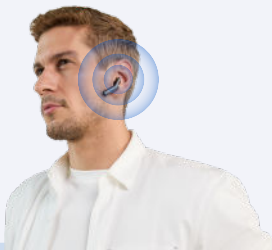


W4 Plus AI Interpreter Earbuds

Pocket AI Interpreter:
Understand Clearly.
Translate Accurately.
Anywhere.



Hear Crisply, Translate Naturally



Advanced Voice Pickup for Noisy Environments

Driven by bone-conduction technology and the all-new VoiceFocus algorithm, it precisely captures your voice even in the loudest surroundings.



Bone-Conduction
Technology



All-New
VoiceFocus Algorithm



Dual-Mic
Hybrid Pickup



%90 Voice
Pickup Accuracy¹

Proprietary Babel OS 3.0 with AI Refinement

Powered by Timekettle's proprietary translation operating system, Babel OS 3.0 instantly refines literal translations to deliver naturally fluent and authentic expressions.



52 Languages
& 106 Accents
(Continuous
updates)



Offline Support
for 13 Major
Languages



Global Nodes
Fast Translation,
Even on
Weak Networks



BABEL-OS 3.0



AI Refinement
for Natural
Expression

All-New AI Features²: Empowering Simultaneous Translation

It navigates complex jargon in high-intensity global meetings. With persistent context memory for consistent terms and auto real-time summaries, it fixes mistranslations, inconsistencies and tedious post-meeting sorting.



AI Specialized
Translation
Precise Jargon
Recognition



AI Conversation
Memory
Consistent &
Coherent Expressions



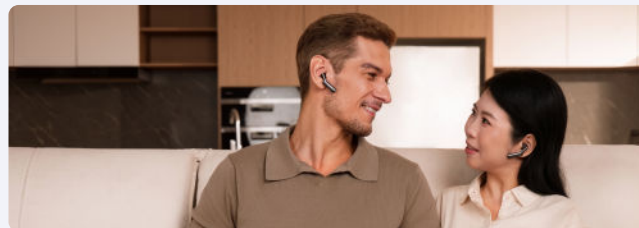
AI Live
Summary
Instant Minutes,
Efficient Review



4 Versatile Modes for All Scenarios

One-on-One Translation

One earbud per person for fluent, simultaneous translation, making cross-cultural conversations feel entirely natural.



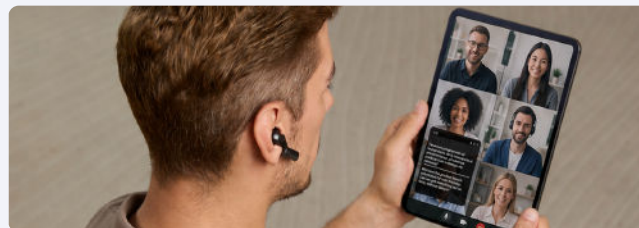
Listen & Play Translation

Intelligently adapts to listening and speaking during group discussions. Supports audio recording and one-click export of AI-generated summaries.



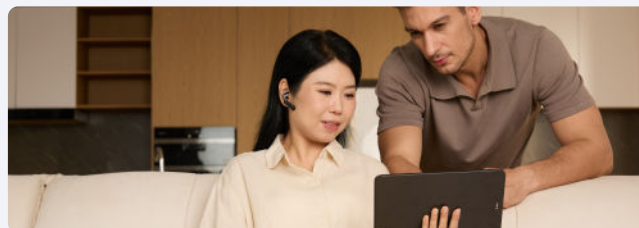
Voice Call Translation²

Two-way translation for cellular and internet calls. The other party needs no dedicated hardware, and calls are automatically archived.



Multi-Media Translation²

Works with major media platforms to generate on-screen subtitles and export bilingual transcripts with one click.



Thoughtful Details, Easy Feeling

Enterprise-Grade Privacy

Strict GDPR & FERPA compliance with full-lifecycle data encryption.



GDPR
GENERAL DATA
PROTECTION REGULATION



FERPA
Family Educational
Rights & Privacy Act

Pocket-Sized Intelligence

Ultra-light weight and compact—perfectly sized for pockets and travel bags.



All-Day Battery Life

3 Hours Playtime
12 Hours via Case



Continuous OTA Upgrades

Enjoy continuous OTA
system updates for
optimized performance
and smoother translations.



A Choice of 3 Colors Pick your favorite.

- Midnight Blue
- Sandy Gold
- Space Black



1. Data sourced from Timekettle AILab; actual performance may vary depending on individual user experience and environment.
2. This is a non-standard feature, available exclusively to "W4 Plus" or "W4 Plus (Subscription Version)" within the active subscription period.