seeed studio

INDUSTRIAL PRODUCT DATASHEET

reSpeaker Clip – Open Wearable AI Recorder

The reSpeaker Clip – Open Wearable AI Recorder combines 18h/14h audio capture, open SDKs, and BYO AI model support for hands-free AI agents and conversation insights.

SKU	UPDATED	PRICE
100020126	2026-11-11 09:24:01	$75.90(Excl. VAT)



Overview



The reSpeaker Clip – Open Wearable AI Recorder captures audio in Endurance Mode (18h) and Enhanced Mode (14h), providing dual-channel raw audio or high-SNR single-channel output for speech recognition. It supports comprehensive SDKs and Bring Your Own AI Models for hands-free interaction with AI agents, workflow triggering, speech summary and analysis, and secure LLM integration.

Key Features

01 **Endurance Mode(18h)**

Records dual-channel raw audio, preserving the most authentic sound details.

02 **Enhanced Mode(14h)**

Utilizes the built-in MCU for noise reduction and gain processing, outputting single-channel audio with a high SNR (signal-to-noise ratio), optimized specifically for speech recognition in noisy environments.

03 **Comprehensive SDK Support**

Provides a firmware-level SDK (based on nRF Connect SDK) and application-level SDKs (iOS Swift, Android Kotlin, Python) for device integration, function calling, and data interaction.

04 **Bring Your Own AI Models**

The official sample app (SenseCraft Voice) allows users to configure API keys for mainstream STT (Speech-to-Text) and LLM (Large Language Model) providers (e.g., OpenAI, Google Gemini, Deepgram), eliminating mandatory subscription fees.

05 **Software/Hardware Decoupling**

The device can be completely decoupled from official platform services, making it easy for B2B clients and enterprises like retail to develop their own proprietary software and workflows.

06 **The Demo App supports both iOS and Android and will be officially available on mobile app stores soon.***

07 **The Demo App supports English & Chinese.***

Product Gallery





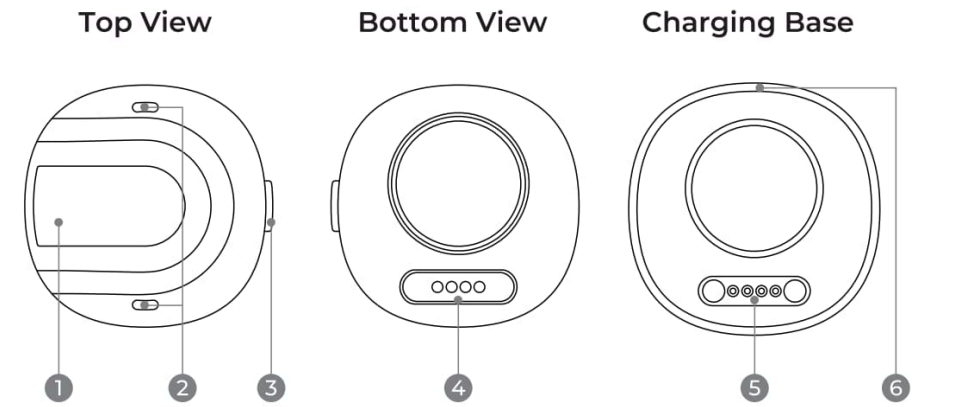








Hardware Overview



1. OLED Display
2. Microphone x2
3. Action Button
4. Magnetic Charging Contacts
5. Magnetic Charging Contacts
6. USB-C Port

Applications

- **Hands-free interaction with AI agents**
- **Workflow Triggering:** Turn voice commands into actions instantly
- **Speech Summary & Analysis:** Convert conversations into structured insights
- **Secure LLM Integration:** Connect with privately deployed or enterprise LLMs via open SDK for compliant data usage
- **Summary & Insights:** Summarize conversations, dialogues, and meetings into key takeaways
- **AI Note-to-Action:** Convert speech into actionable tasks automatically
- **Daily Recap:** Generate structured daily summaries of interactions and events
- **Keyword Tracking:** Detect high-value phrases and customer intent signals in conversations
- **Performance Scoring:** Evaluate sales quality based on interaction data
- **Conversion Behavior Analysis:** Understand what drives successful purchases
- **Product Interest Mapping:** Identify what customers engage with in real time
- **Customer Interaction Insights:** Analyze conversations to extract intent and preferences

Resource Links

- https://www.seeedstudio.com/respeaker-clip-wearable-ai-recorder.html
- reSpeaker Clip User Manual
- reSpeaker Clip Flyer - EN
- reSpeaker Clip Flyer - CHI

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