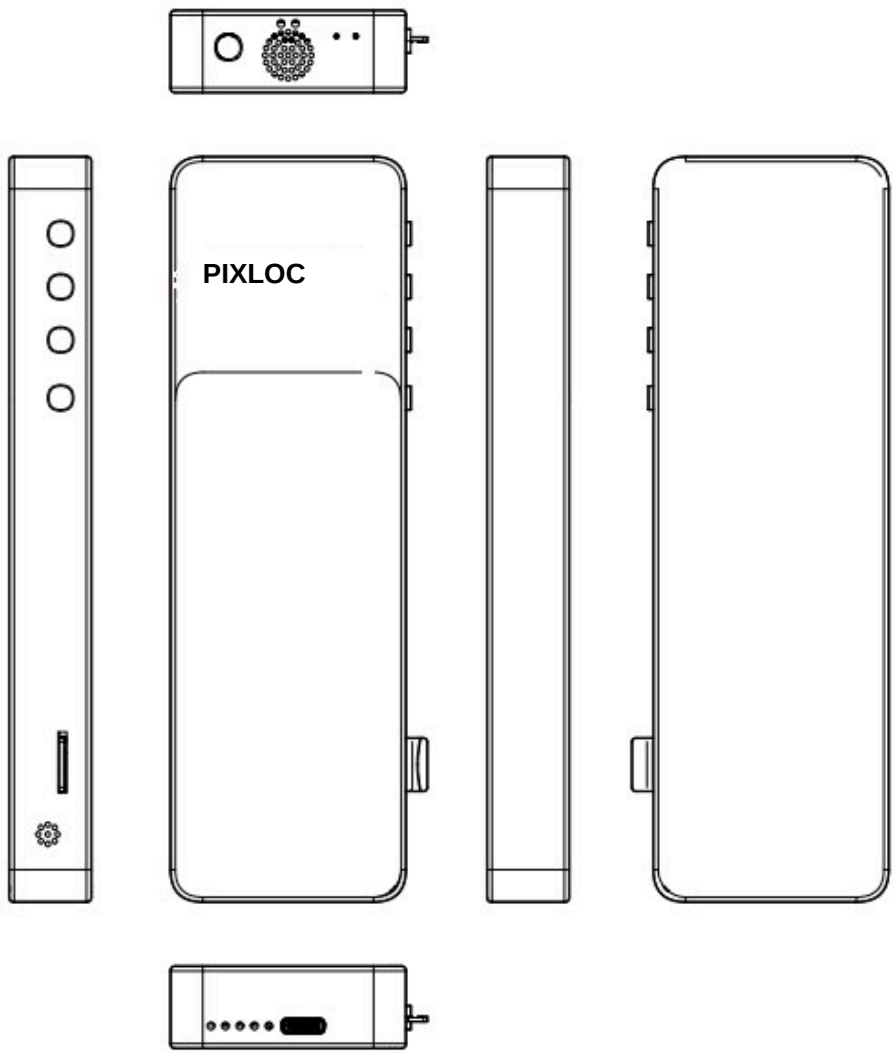
PIXLOC



PIX136
User Manual

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EN

Precautions

1. If this is your first use, it is recommended to charge for 15 minutes before use. To use the translation function on the transmitter, connect to the network first. Then contact the seller with the ID shown in the Translation App to top up the translation service time.

2. During use, avoid same-frequency signal interference and complex spatial environments to obtain a better user experience.

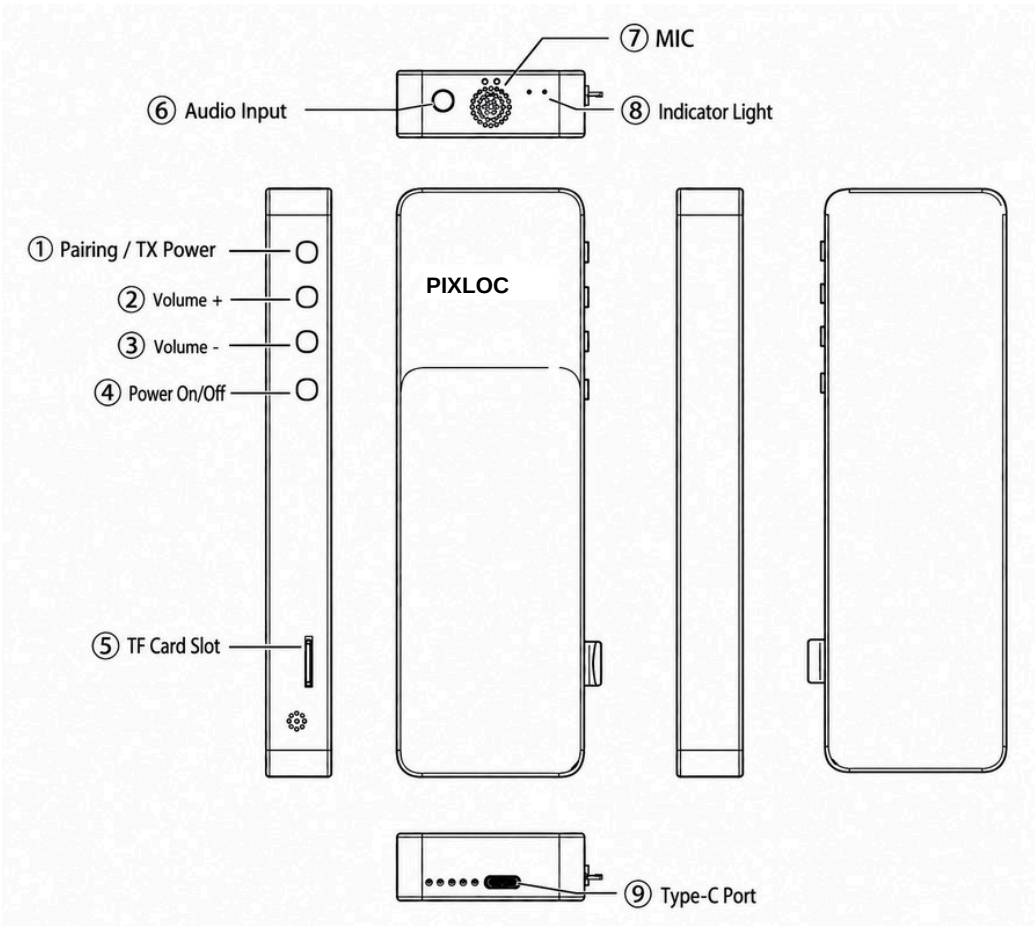
3. It is recommended to power off the transmitter while charging. If there is no operation for 1 minute, the display will turn off automatically. Press any key to wake it up.

4. The receiver will power off automatically while charging.

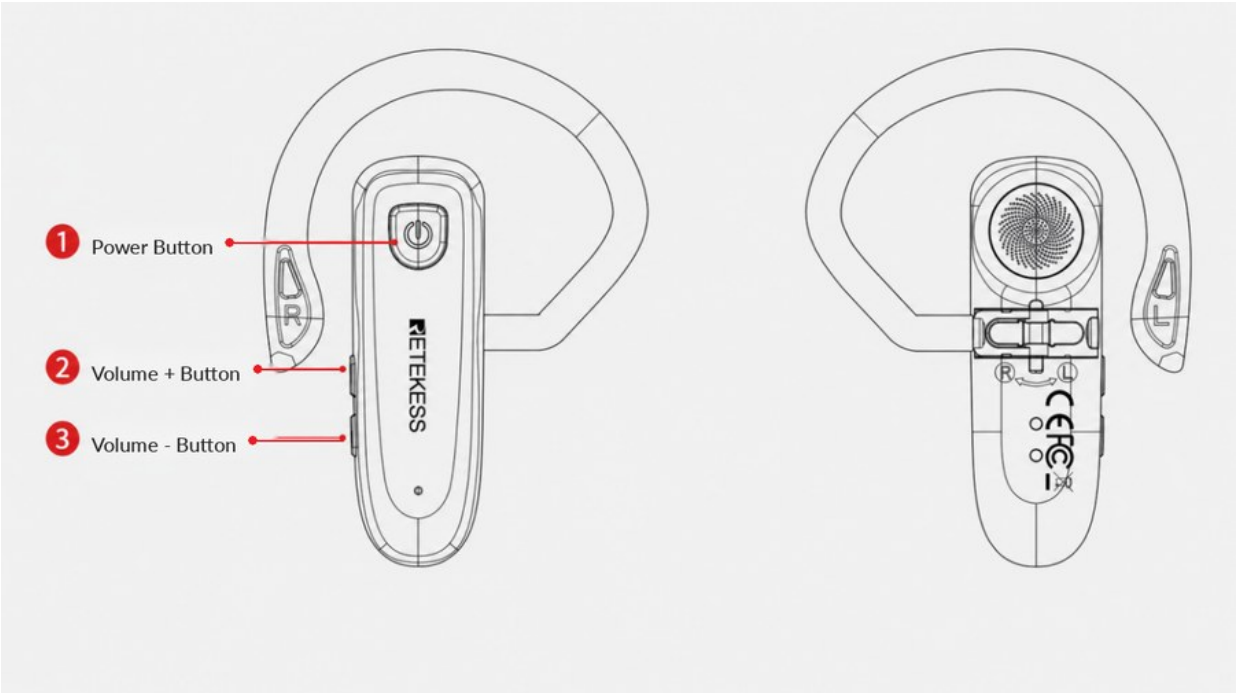
Product Introduction

PIX136 is a translation transmitter and receiver system. The transmitter supports audio transmission, Wi-Fi networking, translation app functions, TF card use, Bluetooth, and Type-C charging. The receiver supports pairing, channel switching for mono/bilingual translation, and volume adjustment.

Transmitter Diagram



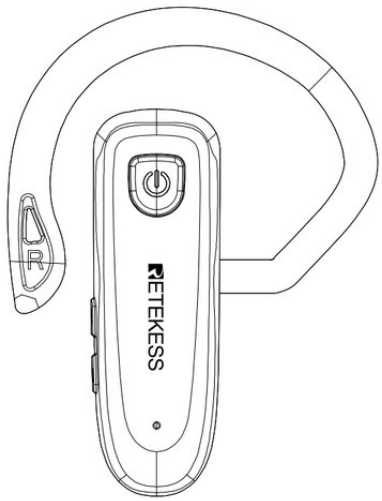
Receiver Diagram

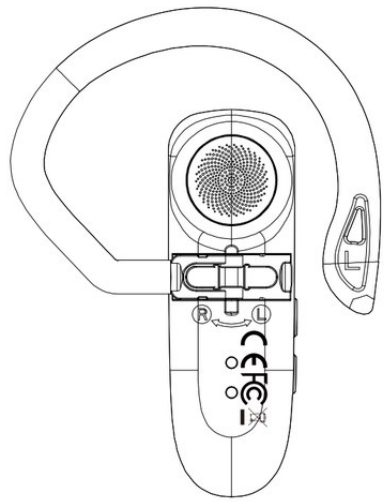


Function Description of the Transmitter

Serial Number	Keypad / Port	Function Description
1	Pairing / TX Power	Power on/off the transmission function and support pairing.
2	Volume +	Increase MIC volume.
3	Volume -	Decrease MIC volume.
4	Power On/Off	Power on/off the touchscreen.
5	TF Card Slot	Supports TF card expansion.
6	Audio Input	3.5mm audio input.
7	MIC	Built-in microphone input.
8	Indicator Light	Displays the transmission status.
9	Type-C Port	Charging and connection port.

Receiver Function Description





Serial Number	Keypad / Indicator	Status Description
1	Power Button	Long press for 3 seconds to power on/off; double-click to enter pairing mode.
2	Volume + Button	Short press to increase receiver volume.
3	Volume - Button	Short press to decrease receiver volume; in working status, press to adjust the receiver channel.

Functional Operation Instructions

Power On/Off the Transmitter

Press and hold button 1 to turn the transmission function on or off. When the blue indicator light on the top of the device is on, the transmission function is enabled. Press and hold button 4 for 3 seconds to turn the touchscreen on or off. (Note: Only when both the transmission function and the touchscreen are powered on and the translation function is in use can listeners hear the translated language. If only button 1 is used to power on, only the transmission function can be used. If only button 4 is used to power on, only the translation function can be used.)

Transmission Operation

After power-on, pair the transmitter with the receiver to start transmission. Once both the transmitter and receiver are powered on, they will automatically search for and match signals within a 5m range. If no signal is found, keep the

transmitter powered on, then press and hold the Volume [+] and Volume [-] buttons on the receiver at the same time to search for nearby transmitters and complete pairing.

Network Settings



图 01 设置主菜单

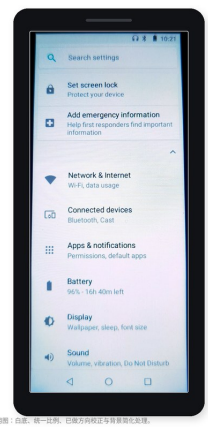


图 02 网络与互联网

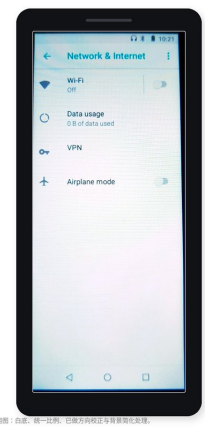
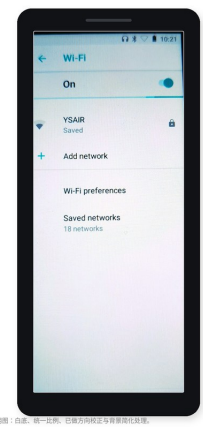


图 04 Wi-Fi 网络列表



After power-on, tap the [Settings] icon, tap [Network & Internet] to enter network connection settings, tap [Wi-Fi], turn on the switch on the right, and select an available network to connect.

System Language Settings



图 05 设置菜单

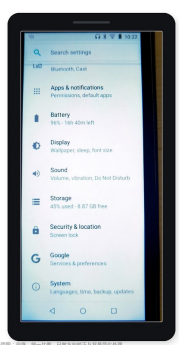


图 06 系统设置

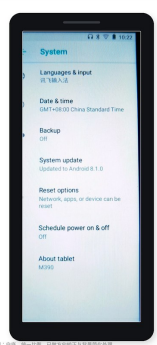


图 07 语言与输入法

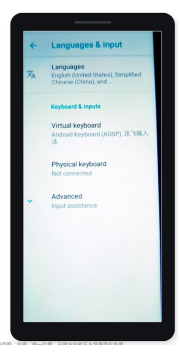
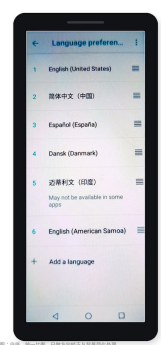


图 08 语言偏好设置

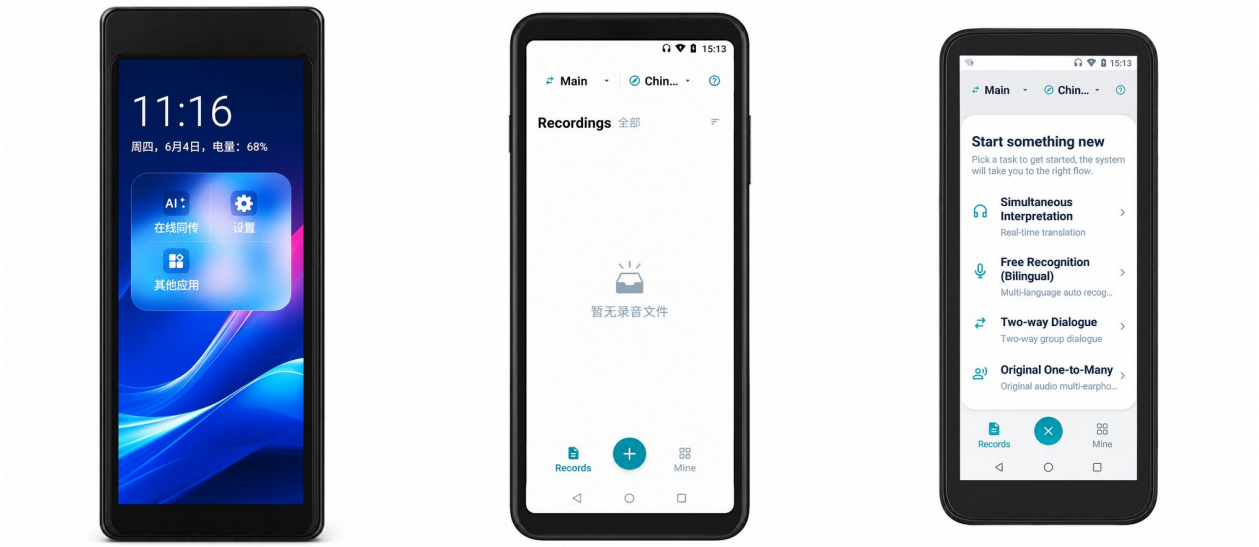


Tap the [Settings] icon, scroll down to find [System], and tap [System]. Tap [Languages & input], then tap [Languages].

You can add languages and switch languages after adding them. Press and hold the required language and drag it to the first position; the system language will switch to the selected language.

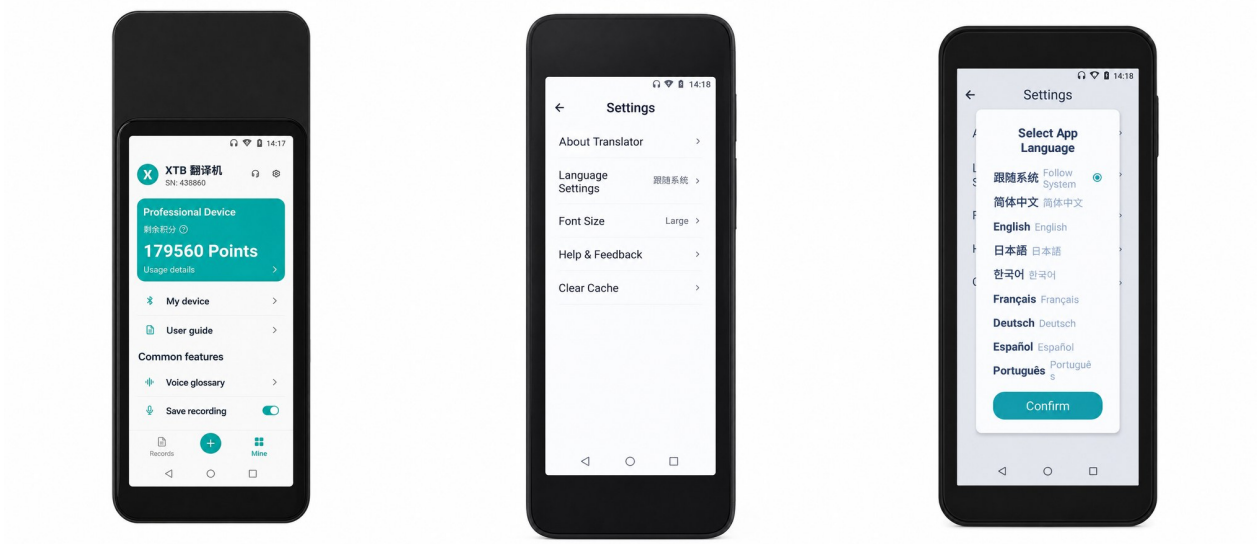
Translation App Operations

Translation App



After power-on, tap the [AI Translate] icon. Tap the [+] button at the bottom of the page to view the translation modes. This app provides 4 translation functions for users to choose from.

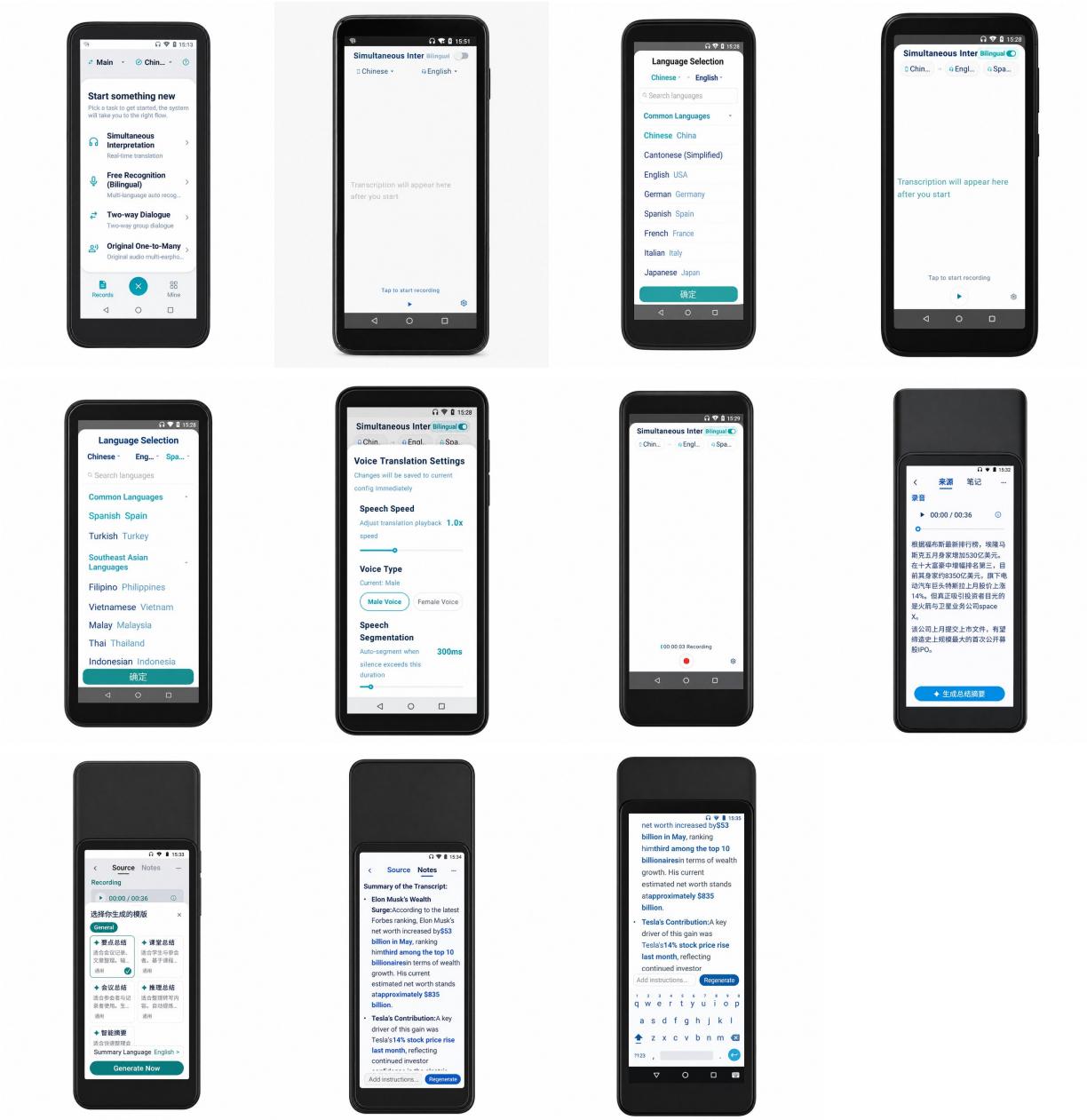
Translation App Language Settings



After entering the app, tap [Mine], tap [Settings], then tap [Language Settings] to select a language. When [Follow System] is selected, the app language will synchronize with the system language.

Introduction to the Four Translation App Functions

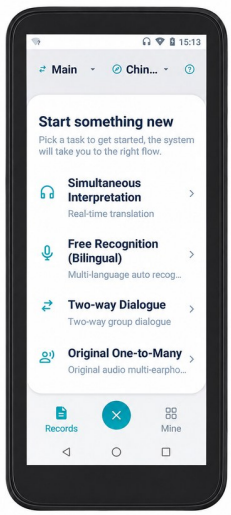
Simultaneous Interpretation (Monolingual/Bilingual)

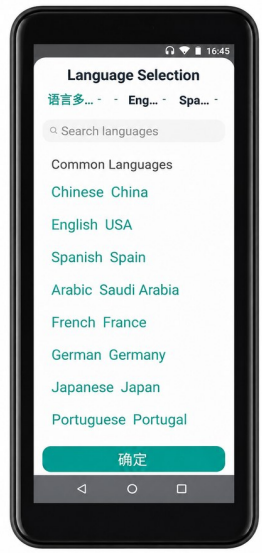


Tap [Simultaneous Interpretation] to enter the monolingual/bilingual translation mode. The default mode is monolingual translation. Tap the language windows at the top to select the speaker language and the target language. Turn on the [Bilingual] icon in the upper-right corner to switch to bilingual translation mode. In this mode, two languages can be translated at the same time for receivers to listen to. In bilingual mode, you can switch both the speaker language and the two target languages. Tap the [Settings] icon in the lower-right corner to adjust the translation playback speed, translation voice, and voice segmentation. Tap [Tap to start recording] to start real-time translation, and tap again to end the translation. The translated record will be saved in [Source]. Tap the [Generate Summary] icon at the bottom to choose an AI translation summary. There are 5 AI summary modes available. Tap

[Generate Now] to generate the summary. After generation, the result will be displayed as shown above. If the result does not meet your needs, tap the dialogue box at the bottom of the page, enter additional requirements, and regenerate the summary.

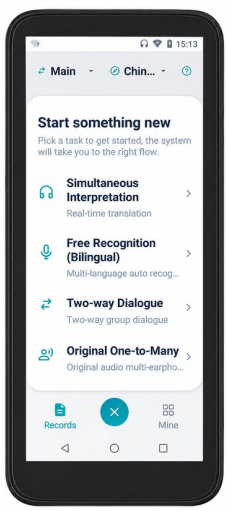
Free Recognition (Bilingual)

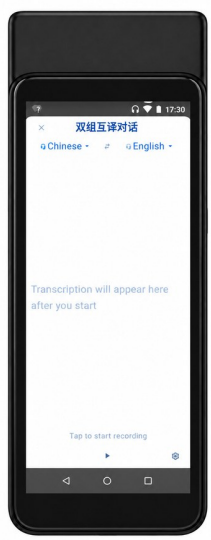


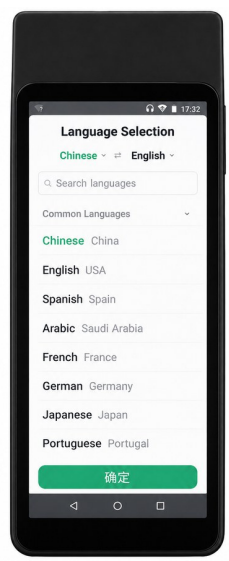


Tap [Free Recognition (Bilingual)] to enter free-recognition translation mode. In this mode, the speaker can select up to 10 languages for simultaneous translation and recording, and output one or two languages required by the receivers. Switch between monolingual and bilingual modes using the [Bilingual] switch in the upper-right corner. The current illustration shows bilingual translation mode. The translation logic is the same as section 3.5.2.1.

Two-Way Dialogue Between Two Groups

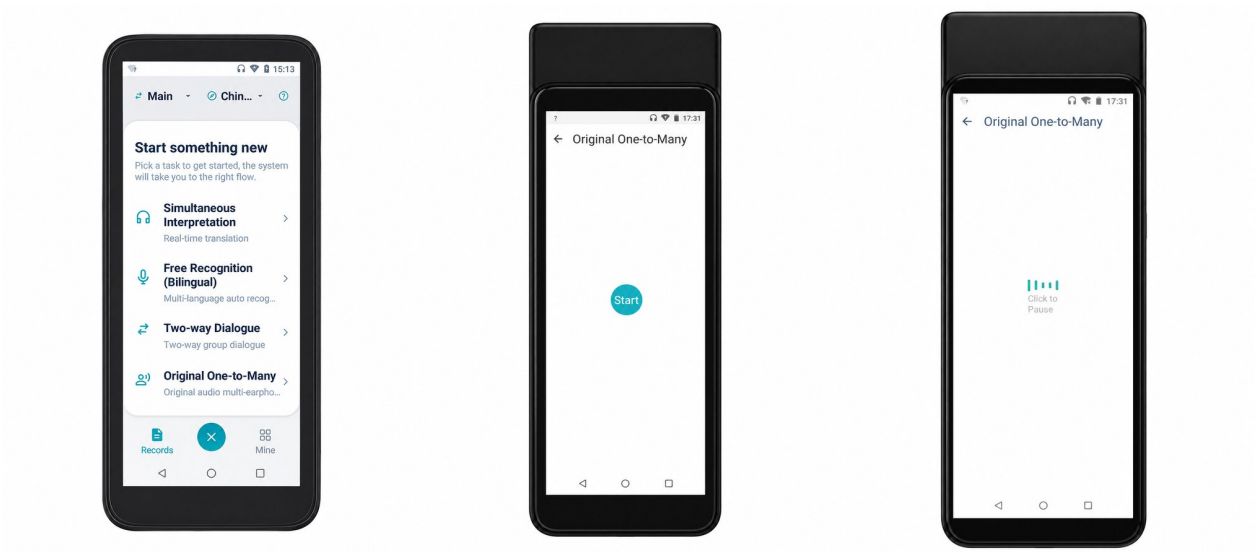






Tap [Two-Way Dialogue] to enter the two-group dialogue translation mode. In this mode, the receiver must be set to the blue-light/green-light channel. For specific receiver settings, see section 4.3. After setting the blue-indicator receivers and green-indicator receivers, use the color selector on the touchscreen to select the output translation language for the blue-indicator or green-indicator receivers. During use, both parties should wear receivers for their required translation languages and speak to this transmitter at the same time to hear the languages they need. Other settings are the same as section 3.5.2.1. (To ensure two-way translation performance in this mode, it is recommended to use a wireless lavalier microphone.)

Original One-to-Many (Stereo)



Tap [Original One-to-Many] to enter Original One-to-Many (Stereo) mode. Tap [Start]; the speaker can then begin speaking, and receivers can hear the stereo audio. Tap the center icon again to pause stereo audio playback.

MIC Volume Adjustment

Press the [+] button to increase the volume (levels 1-9). Press the [-] button to decrease the volume (levels 9-1).

Receiver Operation Instructions

Receiver Power On/Off

Press and hold the power button for 3 seconds to turn the receiver on or off.

Pairing Settings

After the receiver is powered on, double-click the power button. The indicator light will flash quickly to enter pairing mode. You can also press the Volume + and Volume - buttons at the same time to enter this mode. Then press and hold the transmitter for 3 seconds to power it on, and double-click transmitter button 1 to pair.

Channel Adjustment (Mono/Bilingual)

In normal working status, press the [-] button to adjust the receiver channel. The default channel after power-on is the green-indicator channel. After switching, it changes to the blue-indicator channel. When receivers in the group include both green-indicator and blue-indicator channels, bilingual translation playback can be received; otherwise, monolingual translation playback will be received.

Volume Adjustment

In normal working status, short-press the Volume [+] or Volume [-] button to adjust the volume. There are 5 adjustable levels.

Technical Specifications

Transmitter Specifications

Items	Transmitter Specifications
Dimensions	**48mm*154mm*17mm**
Housing Material	**ABS**
Display	**3.99-inch IPS Touchscreen**
TF Card Function	**Supports up to 128GB**
Bluetooth Function	**Bluetooth 5.0**
Wi-Fi Support	**Wi-Fi 4(b/g/n)**
Supported Functions	**Background playback / Monolingual and bilingual translation / AI summary**
Network Support	**Wi-Fi supports 2.5G-5G; hotspot supports 4G/5G**
APK Support	**Supports installation of various mainstream Android APK apps**
8-Core Processor	**Eight Cortex-A7 cores, 1.7GHz main frequency**
Image Browsing	**Supports JPG, JPEG, BMP, GIF, PNG and other image formats**

Items	Transmitter Specifications
Audio Formats	Supports full-format lossless audio playback: MP3, WMA, OGG, APE, FLAC, WAV, AAC-LC, ACELP
Video Formats	Supports RM, RMVB, AVI, MKV, WMV, VOB, MOV, FLV, ASF, DAT, MP4, 3GP, MPG, MPEG
Charging Method	TYPE-C
Indicator	Indicator light (blue)
Operating Frequency Range	2400.0 2483.5 MHZ
Number of Channels	0-9999
Frequency Stability	20 ppm
Operating Temperature	0°C-50°C
Operating Voltage	3.0-5.0VDC
SNR	82dB
Frequency Response Range	20hz-16khz
Channel Spacing	250-500KHz
Distortion	<1%
Audio Output/Input Port	3.5mm
Operating Current	400mA
Transmit Power	16DBM
Charging Current	1000mA
Operating Time	Transmitter only: 20h; transmission + translation: 4-6h
Transmission Distance	150-200M
Charging Time	Approx. 3h
Weight	Approx. 155g
Battery	Lithium battery 3250mAh Model: 654080 Weight: 47.9g Voltage: 3.8V Fire extinguishing agent: water or water-based fire extinguisher

Note: operating time, charging time, and distance may vary depending on the operating environment.

Receiver Specifications

Items	Receiver Specifications
Dimensions	50mm*15.5mm*65.5mm
Charging Method	TYPE-C / Charging case

Items	Receiver Specifications
Operating Frequency Range	**2400.0 2483.5 MHZ**
Number of Channels	**0-9999**
Frequency Stability	**20PPM**
Operating Temperature	**0°C-50°C**
Operating Voltage	**3.0-5.0VDC**
SNR	**82dB**
Frequency Response Range	**20hz-16khz**
Channel Spacing	**250-500KHz**
Distortion	**<1%**
Operating Current	**16mA**
Sensitivity	**-80db**
Charging Current	**100mA**
Operating Time	**Approx. 13H (same in standby and working modes)**
Receiving Distance	**Approx. 200M**
Volume	**5 adjustable levels (1-5)**
Charging Time	**Approx. 2H**
Battery	**Lithium battery 200mAh Model: 502030 Weight: 4g Voltage: 3.7V Fire extinguishing agent: water or water-based fire extinguisher**
Weight	**Approx. 13g**

Note: operating time, charging time, and distance may vary depending on the operating environment.

CAUTION

Before using this device, please read this guide which contains important operating instructions for safe usage, control information and operational instructions for compliance with RF Energy Exposure limits in applicable national and international standards.

User' instructions should accompany the device when transferred to other users.

2. Unauthorized modification and adjustment

Changes or modifications not expressly approved by the party responsible for compliance may void the user's authority granted by the local government radio management departments to operate this radio and should not be made. To comply with the corresponding requirements, transmitter adjustments should be made only

by or under the supervision of a person certified as technically qualified to perform transmitter maintenance and repairs in the private land mobile and fixed services as certified by an organization representative of the user of those services. Replacement of any transmitter component (crystal, semiconductor, etc.) not authorized by the local government radio management departments equipment authorization for this radio could violate the rules.

3.1 FCC COMPLIANCE INFORMATION

3.1.2 This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

3.1.3 Note: This equipment has been tested and found to comply with the limits for a Class B digital device. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

3.2.1 ISED Licence-exempt radio apparatus

ENThis device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Disposal



The crossed-out wheeled-bin symbol on your product, literature, or packaging reminds you that all electrical and electronic products, batteries, or accumulators must

be taken to designated collection locations at the end of their working life. Do not dispose of these products as unsorted municipal waste. Dispose of them according to the laws and rules in your area.

6.1 RF Safety

This two-way radio uses electromagnetic energy in the radio frequency (RF) spectrum to provide communications between two or more users over a distance. RF energy, which when used improperly, can cause biological damage. Please refer to the following websites for more information on what RF energy exposure is and how to control your exposure to assure compliance with established RF exposure limits: http://www.who.int/en/

Keeping the radio at a proper distance is important as RF exposure decreases with increasing distance from the proper antenna. A proper antenna is an antenna supplied with this radio by the manufacturer or specifically authorized by the local authority for use with this radio. This radio can only be operated by use of an antenna of a type and maximum (or lesser) gain approved for the transmitter under regulations and rules. This transmitter must operate with the antenna(s) documented and in Push-to-Talk and body-worn configurations as documented. Using authorized accessories is important because the use of Non-PIXLOC accessories may result in exposure levels, which exceed the IEEE/ICNIRP RF exposure limits.

Transmit no more than the rated duty factor 50% of the time. Transmitting necessary information or less, is important because the radio generates measurable RF energy exposure only when transmitting in terms of measuring for standards compliance. For users who wish to further reduce their exposure, some effective measures to reduce RF exposure include:

Reduce the amount of time spent using your wireless device.

Use a speakerphone, earpiece, headset, or other hands-free accessory to reduce proximity to the head (and thus head exposure). While wired earpieces may conduct some energy to the head and wireless earpieces also emit a small amount of RF energy, both wired and wireless earpieces remove the greatest source of RF energy (handheld device) from proximity to the head and thus can greatly reduce total exposure to the head.

Increase the distance between wireless devices and your body.

This radio is designed for and classified as "General population/uncontrolled use". General population/uncontrolled environments are defined as locations where there is exposure of individuals who have no knowledge or control of RF exposure level.

Hand-held Mode



To control your exposure and ensure compliance with the controlled environment exposure limits, always adhere to the following procedure:

-To receive calls, release the PTT button.

-To transmit (talk), press the Push-to-Talk (PTT) button in front of the face.

-Hold the radio in a vertical position with the microphone (and other parts of the radio including the antenna) at least one inch (2.5 centimeters) away from the nose or lips.

7.1 Electromagnetic Interference/Compatibility

Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed, or otherwise configured for electromagnetic compatibility. During transmissions, your radio generates RF energy that can possibly cause interference with other devices or systems. To avoid such interference, turn off the radio in areas where signs are posted to do so, such as hospitals or healthcare facilities.

Persons with pacemakers, implantable cardioverter defibrillators (ICDs) or other active implantable medical devices should

• Consult with their physicians regarding the potential risk of interference from radio frequency transmitters, such as portable radios (poorly shielded medical devices may be more susceptible to interference).

• Turn the radio OFF immediately if there is any reason to suspect that interference is taking place.

• Do not carry the radio in a chest pocket or near the implantation site, and carry or use the radio on the opposite side of the body from the implantable device to minimize the potential for interference.

Hearing Aids: Some digital wireless radios may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices: If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

Protect your hearing



• Use the lowest volume necessary to do your job. Turn up the volume only if you are in noisy surroundings.

• Limit the amount of time you use headsets or earpieces at high volume.

• When using the radio without a headset or earpiece, do not place the radio's speaker directly against your ear.

• Use carefully with the earphone maybe possible excessive sound pressure from earphones and headphones can cause hearing loss.

CAUTION: Exposure to loud noises from any source for extended periods of time may temporarily or permanently affect your hearing. The louder the radio's volume, the less time is required before your hearing could be affected. Hearing damage from

loud noise is sometimes undetectable at first and can have a cumulative effect.

BATTERY SAFETY

•Turn off your radio before charging.

•Batteries shall be charged at 10℃~40℃ environment temperature specified. If the environment temperature is lower than 0℃, the charge shall be prohibited.

•Rechargeable batteries are only to be charged by adults.

•Eliminating the Risk, keep away from the flammable materials,heat sources and ignition sources while a battery is charged. Charging should only take place in a well ventilated area and when someone is about to be aware and react to a potential issue.To reduce risk of fire, a battery should not be charged for more than 5 hours and disconnect charger from line voltage (AC outlet) by removing main plug even if the batter is not completely charged.Don't leave a device unattended while charging. Disconnect the charger when the device is fully charged: do not overcharge the device.

The power delivered by the charger must be between min 100W Watts and max 200WWatts required by the radio equipment in order to achieve the maximum charging speed.

WARINING: CHOKING HAZARD-Small Parts. Not suitable for children under 3 years old.

