NEWYES®

AS1503
Scan Reader
User Guide

Thank you for purchasing the NEWYES Scan Reader.

In order to use the product safely and correctly, please read this manual carefully before starting to use the product. In addition, this manual contains a warranty card, so please keep it in a safe place.The company reserves the right to revise this manual. If there are typos or omissions, it may be revised without notifying the customer.

For the latest information of the product, please search the website for reference. Https://www.newyes.com/

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Introduction

Thank you for purchasing our product.

Please be sure to read this manual to maximize the performance of this product and use it safely.

- The illustrations and screen diagrams in this manual may be different from the actual ones.
- When using overseas, please check the laws and r egulations of the country/region and other conditions.
- The company is not responsible for any loss caused by deviation from the contents of the instruction manual.
- The company is not responsible for any damage caused by malfunctions or malfunctions caused by connected devices, peripheral devices, software, or applications that are not specified or involved by the company.
- If data, files, etc. are deleted or changed due to malfunction, maintenance or other processing of this machine, we will not be responsible for any damage or loss of profits caused by data recovery or data recovery.
- When disposing of this machine, please follow the regulations of the local government.
- We are not responsible for any data or information leakage during network communication.
- Use genuine accessory equipment used in this machine. The warranty does not cover malfunctions or malfunctions caused by the use of non-genuine equipment.

Disclaimer

- We are not responsible for damage caused by fire, earthquake, third-party behavior, other accidents, intentional, negligent, misuse of customers, or other abnormal conditions.
- We are not responsible for any damage caused by purposes not specified in the instruction manual.
- We are not responsible for any damage caused by malfunctions or malfunctions of connected equipment.
- This machine is not suitable for transportation equipment, aerospace equipment, medical equipment, and nuclear-related equipment that have high requirements for life-threatening reliability. We are not responsible for any damage caused by using this machine for these purposes.

- We are not responsible for any direct or indirect damage caused by the malfunction of this machine or its use.

Equipment Handling

- This unit is not waterproof. Do not use it in places with high temperature and humidity (working temperature 5°C to 35°C, humidity 45% to 85%) and dusty places such as bathrooms, kitchens, and toilets. vibration. If excessive force is applied to the monitor, it may damage the internal board and cause malfunction, so do not place it under heavy objects. Even if there is no external damage, it is not covered by the warranty. When children use it, parents should teach them how to operate it to avoid danger, be careful, and instruct them not to use it incorrectly.

About Cleaning

- If it is dirty, wipe it dry with a soft cloth. Do not use gasoline, thinner, alcohol, etc., otherwise the appearance and characters may be damaged.

About the Built-in Battery

- The built-in battery of this product is a "lithium ion battery". When disposing of this product, please properly dispose of it in accordance with the disposal method of the local government.
- In an extremely high or low temperature environment, such as leaving the car in a closed car, the battery capacity will decrease and the available time will be shortened. In addition, because the battery life will be shortened, please use it at room temperature (operating temperature 5°C to 35°C, humidity 45% to 85%) as much as possible.
- The built-in battery is a consumable item and cannot be replaced.
- If the function is not restored after charging, the product itself has reached the end of its service life. The service life varies depending on the conditions of use, but it is assumed to be about 2 to 3 years.

- When you use it for the first time or have not used it for a long time, please charge the battery before use.
- A message will be displayed when the battery is low, and it will turn off after a period of time. If you start charging when the battery is empty, charging may not start immediately when you turn on the power. In this case, please charge for a while, and then turn on the power.
- The use time of the built-in battery varies with the use environment and the degree of battery deterioration. In addition, depending on the conditions of use, the battery may swell as it approaches its service life.

About Charging

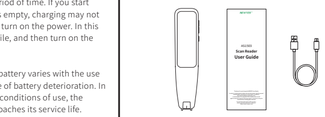
- When charging the unit, please use the supplied USB cable or a commercially available USB cable to connect a device with a rated output of DC5V 1A to charge the unit.
- When connecting, check the shape of the connector of the charging device and make it in the correct direction. If you cannot connect successfully, please do not force the connection, and try to connect after the adjustment is correct.
- Note: The battery of this product cannot be replaced by yourself

About Wi-Fi Function

- The Wi-Fi function uses the 2.4Ghz frequency band. If radio wave interference occurs between this unit and other devices, change the location of this unit or stop using it.
- It has not been confirmed that this unit is compatible with all Wi-Fi devices. In addition, we do not guarantee that it will work.
- When using it on an airplane, please check with your airline.
- If you use it near something that emits radio waves (radio, etc.) or receives radio waves (television, radio, etc.), interference may occur and affect the communication status of both parties (slow or disconnect).

Package Contents

- The package contains the following items. Please confirm before use.



Scan Reader	X 1
User Guide(including warranty)	X 1
USB charging cable	X 1

※The appearance and specifications of accessories are subject to improvement without notice

Product Overview

- NEWYES translation scanner is an artificial intelligence hardware product that integrates multiple technologies such as speech recognition, OCR (character recognition), text scanning and translation, and voice translation. When you connect to the network via Wi-Fi or tethering, you only need to output the audio to instantly translate into the desired language. You can also translate characters into the language you want. When traveling abroad, learning a foreign language, or talking in business, you can communicate smoothly between different languages.

Body Structure

- The following are the names of the Body structure of the Scan Reader.
- In this manual, the names described are used to explain operations.

① Power button (Turn on/off the power, turn off/on the screen.)

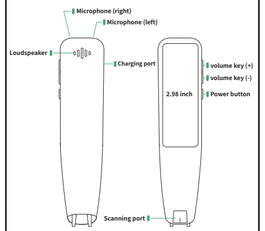
⑩ Phonetic translation/ volume key (+)

⑨ Phonetic translation/ volume key (-)

② 2.98-inch touch screen (The protective film is attached to the machine when it leaves the factory. Tear it off before use.)

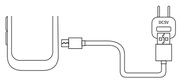
⑤ Microphone (left) ⑥ Microphone (right) ⑦Loudspeaker

④ Scanning port ⑧ Charging port (used when charging)



Charging method

- Connect the attached USB cable or a commercially available USB cable to the charging terminal of the host, and connect the other end to a device with a rated output of DC5V 1A or less for charging.



- When connecting, please check the shape of the charging device connector, and then proceed to the correct direction. If you cannot connect successfully, please do not force the connection.
- Standby time: about 80 hours
- Use time: about 3 hours

※Depending on the operating environment and settings, it may become shorter

The Main Screen

- The main screen consists of the following elements.

① Status bar

- It is displayed at the top of the screen. Display Wi-Fi signal strength (not displayed when offline), battery level, Bluetooth and other icons.

② Text translation, Phonetic translation, Dictionary

- Tap to start the translation screen. Support Chinese/ Japanese/English/Korean offline translation. Support online translation up to 55 languages.

③ Walkman

- You can download songs from the Internet and save them on this unit.

④ Recording

- Tap the icon to start recording.

⑤ Favorites

- The translation result selected in the favorites folder is displayed in the list. Only the translation results of "text translation" and "dictionary" can be selected as favorites

⑥ Setting

- Used to change local settings such as Wi-Fi, Bluetooth, screen brightness adjustment, language settings, etc.

First Operation

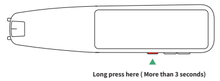
- When using it for the first time, you must be connected to Wi-Fi.
- Turn on the power in the Wi-Fi environment and follow the steps below to set it up.

※This setting is also required for the first startup after initialization.

Turn on the power

- Press and hold the red power button on the bottom of the main unit (3 seconds or more) to display the LCD screen and start the main unit.

※It takes about 32 seconds to start up.



Power off/restart

- If you press and hold the "Power button" (3 seconds or more) while the main unit is running, a confirmation screen will be displayed on the LCD screen.
- To turn off the power, please "turn off the power"
- To restart, click "Restart".
- To cancel, click "x".

Force restart

- If the device stops working, press and hold the "power button" for about 15 seconds to forcibly restart it.

Language settings

- Select the menu language for operating this unit.
- Click "English". (Note: It is the language selection displayed on the host, please note that it is not the choice of translation language.)

Connect to Wi-Fi

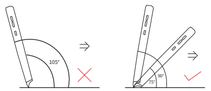
- Please connect to Wi-Fi and connect to the Internet before use. Open the "Settings" menu on the host, and then click the Wi-Fi settings menu.
- Select a Wi-Fi SSID that can access the Internet and enter the password.

Setup complete

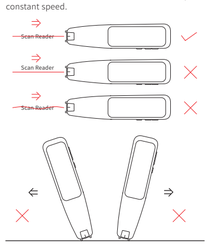
- After the initial setup is completed, the main screen will be displayed and you can use the machine.

How to Use

- How to Scan
- Correctly recognize the character you are looking for.



- Please keep the angle between 90° and 75°, and the tip of the pen touches the paper surface to fit
- Align the transparent window with the line in the middle of the text, and hold the pen to move to the right at a constant speed.



Translation

- Text Translation
- The text scanned by this machine can be translated. It supports online scanning and recognition in 55 languages, and offline scanning and recognition in Chinese, English, J apanese, and Korean.

※The following is an example of translating English to Japanese.

① Click "Text translation" on the LCD screen.

Click on this icon

② The text scanning page will be displayed. Click Settings ⚙ in the upper right corner of the screen to set the scanning language and translation language.

③ 3.Select the scanning language name and translation language name, and click the "✓" button in the upper right corner

④ Scan the text you want to find.

⑤ After the translation is completed, the text will be displayed on the screen and read aloud automatically. Clicking the "Original"/ "Translation" button will read the corresponding language.

⑥ Click the "⚙" button in the upper right corner to add the scanned content and translation results to "Favorites". You can view it from [Favorites] by adding to favorites.

Phonetic translation

- This function can translate voice calls and can translate 112 languages in real time.

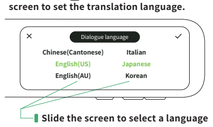
- [Note] Wi-Fi connection is required to use phonetic translation.

※The following is an example of translating English to Japanese.

① Click "Phonetic translation" on the LCD screen

Click on this icon

② The Phonetic translation page will be displayed. Tap Settings ⚙ in the upper right corner of the screen to set the translation language.



Slide the screen to select a language

③ Press and hold the volume button (-) and talk to the device in "English"

- Release the button after speaking.

Talk while holding down the volume button (-)

④ When you release the button, the spoken content will be translated into "Japanese" and read aloud. Click on the translated part to read it again.

Tap to read again

※To translate Japanese into English, click the "volume button (+)" and talk to the device in "Japanese ",and the translation language Will be automatically translated into "English"

<Notes when using phonetic translation>

- To ensure accurate translation, please press and hold the translation key for 1 second, take a breath, and then start speaking.
- Check the screen to see if the conversation is correctly recognized.

  If the word is recognized as incorrect, it will be translated incorrectly.
- When using voice translation, speak close to the microphone.
- Speak clearly at a normal speed.

  If you stop the conversation many times in the middle, the accuracy of the translation will decrease.
- Avoid habits, word abbreviations, dialects, etc.

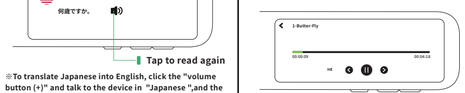
Walkman

- Music downloaded from the Internet can be saved and played on this unit.

① Use the data cable we equipped to connect the translation pen to your computer device.(Note: Need to use a data cable that can transmit data, not a data cable that can only be charged)

② Copy the music files in mp3 format to the "Music" folder.

③ Copying is successful, enter the "Walkman" interface of the host, and click to play the downloaded audio.



Recording

- Record voice messages on this unit.

① Please click the red "●" on the right side of the screen to start recording.

② Recording ⇒ ● pause ⇒ ▶ ⏸

Recorded successfully ⇒ ◼

Dictionary

- Not only can you translate the characters scanned by this machine, you can also just click on the word to translate.

※This function is only applicable to English-Chinese and Chinese-English dictionaries.

① Scan the word you are looking for.

② After the translation is completed, the text will be displayed on the screen and read aloud automatically. Click the "Original"/"Translation" button to read the corresponding text. Tap each word to see its meaning.

③ Click the "★" button in the upper right corner to add the scanned content and translation results to "Favorites". By adding it to favorites, you can view it from [Favorites] immediately.

④ Click the "▶" button in the upper right corner to read the selected text aloud. After reading aloud, click "🔊" to score the pronunciation.

Favorites

- [Note] Only "Text Translation" and " Dictionary" can be added as favorites.

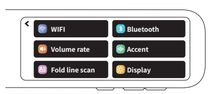
① On the main screen, click "Favorites".

② Display the translation results added as favorites in "Text Translation"/"Dictionary".

③ Tap to read aloud. tap ★ to cancel the favorites you added.

Setting

- Click Settings to make various settings for this Scan Reader.



Options	Display	Explanation
WiFi	WiFi: open; NEWYES; SDXH	You can choose to turn on the Wi-Fi ON/OFF button and choose the Wi-Fi SSID that can surf the Internet, enter the password
Bluetooth	Bluetooth: open; Audio H30	Turn on/off Bluetooth. Only Bluetooth headsets are supported.
Volume rate	Volume: 50	You can adjust the speaker volume and speed of this unit by sliding left and right. ※The volume can also be adjusted through the "volume key" at the bottom of the unit.
Automatic reading	Accent: American pronunciation; UK pronunciation	Set whether to automatically play the translated voice.
Fold in scan	Fold line scan: open; Note: according to a continuous scanning within a certain period, after folding the pen, and the two cross-shaped lines merged	Turn on/off scanning of multiple lines.
Screen brightness	Screen brightness: 50; Automatic screen off: 1min; 2min; 5min; Never	Change the screen brightness and set the sleep time. Brightness bar: dark on the left and bright on the right. The darker the screen, the longer the battery life. Sleep: The set time, that is, the time for the screen to d isappear automatically when there is no operation. (Can be set to 1minute/3minutes/ 5minutes.)
Holding pen direction	Please select the device holding the pen when scanning: Left handed; Right handed	When operating this unit, you can choose whether it is suitable for left-handed or right-handed use.
Device language	Please select the device language: 简体中文; 繁體中文; English; 日本語; Español; 한국어	Select the display language of this unit. You can set Chinese, English, Japanese, Korean, Spanish, French, German, Italian.
Automatic shutdown	Shutdown: never; 30 minutes; 1 hour; 60 minutes	Set the automatic shutdown time. (It can be set as invalid/ 15minutes/30minutes/ 60minutes.)
System update	Current software version: V1.0.1; Current firmware version: V1.0.0; Your software is already the latest version	If there is a system update (adding new features, etc.), you can update the software.
Reset settings	Clear cache; Restore factory settings?	Clear all data on the machine and initialize it. ※Translation history and Wi-Fi connection settings will also be deleted.
About	Device Name: Scan Reader; Device Model: AS1503; SN: 2021210000000000	Display information about this machine. ※Cannot be set.

Product Specifications

Product name	Scan Reader
Model	AS1503
CPU	MTK6580, Quad core, 1.3GHz, TFBGA520/P0.4/B0.25/10.2X11
Operating system	Android 8.1
WIFI	2.4GHz: 802.11b/g/n
Native memory (ROM)	8GB
Run memory (RAM)	1GB
LCD display	2.98 touch screen DOTS: 268*800
Bluetooth	Bluetooth 4.0
Playback	MEMS microphone
Microphone	1W x1
Scan port	640 * 480 120 frames
Battery Type	3.8V1200mAh rechargeable polymer battery
Charger	USB Type-C
Charging voltage/ current	5V / 0.5A~1.0A
Charging time	When using a normal charger (when charging about 1.0A): about 2-3 hours ※Cannot use fast charger
Supported languages	A↔Btranslation (support 112 languages)
System languages	Japanese, English, Chinese (simplified and traditional),Italian, French, German, Korean, Spanish
Operating temperature range	-10℃~+50℃
Storage temperature range	-20℃~+60℃
Continuous running time	About 3 hours
Continuous standby time	About 80 hours
Product Size	144*33*14mm
weight	80g
Material	Plastic + Metal

Troubleshooting

- If a problem occurs while using this machine, please check the following items before sending it for repair. If you have tried the following items but the problem persists, please contact your dealer or customer support center.

Under these circumstances	Reasons	Measure
Can not boot	•Is the power of the host turned on? •Isn't the battery dead?	•Turn on the power of the main unit. •Turn on the power after charging for at least 15 minutes.
No sound	•Is the sound set to "0"?	•Please turn up the volume
Translation is weird	•Is the choice of translation language correct?	•Choose the correct language you want to translate. •AI translation is not perfect. Due to differences in dialects, intonation, and context, it may be misinterpreted. Thank you for your understanding.
The touch panel does not respond	•Is the choice of translation language correct?	•Tear off the protective film. (A protective film is attached at the factory to protect the screen.) •Restart the host.
Can't connect to Wi-Fi	•Can the selected Wi-Fi be used on the Internet? •Is the password correct? •Is the WiFi that needs to be registered on the website?	•Select a Wi-Fi SSID that can use the Internet and enter the password. •Check the password and re-enter it. •Not available. Please connect to Wi-Fi via the Internet.
Scan is inaccurate	•Is the pen holding posture correct?	•Place the machine at the beginning of the word to be searched on the right side of the "scan Port". •Please scan straight so that the center of the scanning head passes through the center of the letter..
I can't use phonetic translation well	/	•Press and hold the voice translation key, and speak after hearing the recognition tone. •Please approach the microphone of the main unit and speak. •Speak in standard language. The dialect is difficult to recognize. •Continue to speak naturally. Abbreviations and jargon can be difficult;Difficult to identify.
Slow translation	/	•Restart the Wi-Fi function (router, home network, etc.) •Check the signal strength of the connected Wi-Fi. •If the Wi-Fi signal is weak, move to another location and reconnect where the signal is strong. •Connect to Wi-Fi that can use other Internet. •Please restart the host.
Cannot connect to Bluetooth	•Is it paired with a connecting device other than this unit?	※Only Bluetooth headsets are supported. •Cancel pairing with other connected devices

Warranty Policy

- The free warranty period of this product is one year.
- During the warranty period, if there is a failure in normal use according to the instruction manual (determined by our after-sales service or our authorized service provider), our company will repair it free of charge.
- During the warranty period, the following conditions are not covered by the free warranty
  - The warranty certificate and valid purchase certificate are lost.
  - Incorrect use or self-disassembly of the machine may cause damage to the hardware of the machine.
  - Place it in direct sunlight or near a fire or stove for a long time.
  - The machine breaks down due to water ingress.
  - Loss caused by incompatible power supply used by the adapter or power supply above 5V1A
- We are not liable for any special, accidental or indirect loss or damage caused by negligence in contracts or civil disputes.
- This warranty applies to all regions of the country.

Warranty Card

Product Name:AS1503

Customer	Name		
	Address	TEL	
Sales channels	Store name	TEL	
	Address		
	Brand		
Warranty	One-year		
Purchase day	Year	Month	day

- NEWYES customer after-sales support
- Consultation via email
- E-mail:service@newyes.com

※After receiving the email, we will reply you as soon as possible.