

Operational Modes

Eyes Free Mode

In Eyes Free mode you are wearing the SQ.410 typically in your upper left chest area or along your waistline with the speaker facing out and the LCD concealed against the custom holster secured to your equipment. To begin translating from English to a foreign language, press and hold either the PUSH TO TALK button or the A (English) button, say the word or phrase you wish to translate, then release the button.

Handheld/Manual Mode

In Handheld mode you have removed the SQ.410 from the custom holster and hold it in your hand with the speaker facing out and the LCD facing you. To begin translating from English to a foreign language, you will press and hold either the PUSH TO TALK button or the A button, say the word or phrase you wish to translate, then release the button. In full manual mode, you can use the five-button keypad to locate words and phrases and pressing the CENTER button to play a highlighted phrase.

Talk Through Mode (Bypass Translation Software)

You can bypass the translation software and use the SQ.410 to broadcast speech using any external speaker connected through the audio out jack (speaker icon) located on top of the device. To use this feature press and hold the C button while speaking into the headset.

SQ.ID®

SQ.410



Quick Reference Guide



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|-----------------------------|-----------------------|------------------------|
| A A Button | E Mic Input | J LCD Screen |
| B B Button | F Audio Output | K 5 Way Button |
| C C Button | G Speaker | L Micro SD Slot |
| D Head Set Connector | H Power Button | M Battery Cap |
| | I Push to Talk | |

Getting Started

The SQ.410 is designed to be intuitive and easy-to-use. Its Automatic Speech Recognition technology, or 'ASR,' allows you to begin translating instantaneously, without the need for prior voice training.

For initial use:

1. The default input for the ASR is the TACK-1 headset. Ensure that the headset is securely connected to the device via the ODU® Advanced Military Connector (AMC). Adjust the microphone so that it is positioned at the left corner of your mouth. note: the headset should loop behind your head and the earpiece should be covering your left ear.
2. Insert the two CR123A lithium batteries into the battery tube on the bottom of the unit. Unscrew the cap and insert the batteries negative side first, with the last battery's positive terminal touching the inside of the battery cap.
3. Press the POWER button to turn on the SQ.410. It will take approximately 60 seconds for the Android operating system and SQ.410 application to fully load,
4. Using the five-button keypad scroll up and down the Select Module screen reviewing available modules. To select and load a module, highlight it then press and release the CENTER or RIGHT button,
5. Press and hold either the PUSH TO TALK or A button. You will hear a single audible "ping" in your headset earpiece. This ping indicates that the SQ.410 is waiting for you to say an English word or phrase to be translated.
6. Say the English word or phrase that you wish to translate into the microphone portion of the headset.
7. Release the PUSH TO TALK or A button after you have finished saying the phrase, You will hear an audible two beat "ping, PING" after you release the button and the LCD will display a thinking window.

8. The corresponding foreign language translation of the English word or phrase will then be broadcast through the SQ.410 speaker and the LCD will highlight the selected phrase in the phrase list.

Phrase Based, One-Way Translation

- Phrase based modules are one-way modules consisting of predefined sets of English words, phrases, and questions that have been pre-established by subject matter experts within a particular domain or functional area.
- IT IS IMPORTANT TO KNOW THAT THE SQ.410 WILL NOT TRANSLATE A TARGET LANGUAGE BACK INTO ENGLISH WHEN USED WITH PHRASE-BASED MODULES. IF YOU WISH TO RECORD WHAT IS SAID IN THE TARGET LANGUAGE FOR LATER TRANSLATION, PRESS AND HOLD THE B BUTTON WHILE THE FOREIGN SPEAKER IS SPEAKING.
- Phrases within modules are predefined by industry experts then translated by fluent interpreters, organized and thoroughly vetted to ensure that you are getting the most accurate translation possible.
- Recorded translations are stored on the removable micro SD card. These translations have been grouped into categories designed to meet your situational needs, or you can select "All Categories" to review the list of all available phrases in the module.
- The device can be configured to use the TACK-1 headset, the noise cancelling microphone, or both the headset and microphone (in which case the headset is for the English speaker and the microphone is to record the foreign language speaker). The choice of which configuration to use will depend on the use case. Refer to the user manual for information on how to configure the device for such different use cases.