Erika AI App Quickstart Guide

App installation

Double click the downloaded file (ErikaAIApplication_vXXXX_x64.msi) to install the application.

Erika receiver and microphone firmware update

Connect an Erika receiver or microphone to the computer with USB. In the Update tab of the Erika AI app, the device will be shown with the current firmware version and available firmware version. Press the green down arrow to perform the update, which takes about 5 seconds. Note that each receiver and microphone will need to be updated.
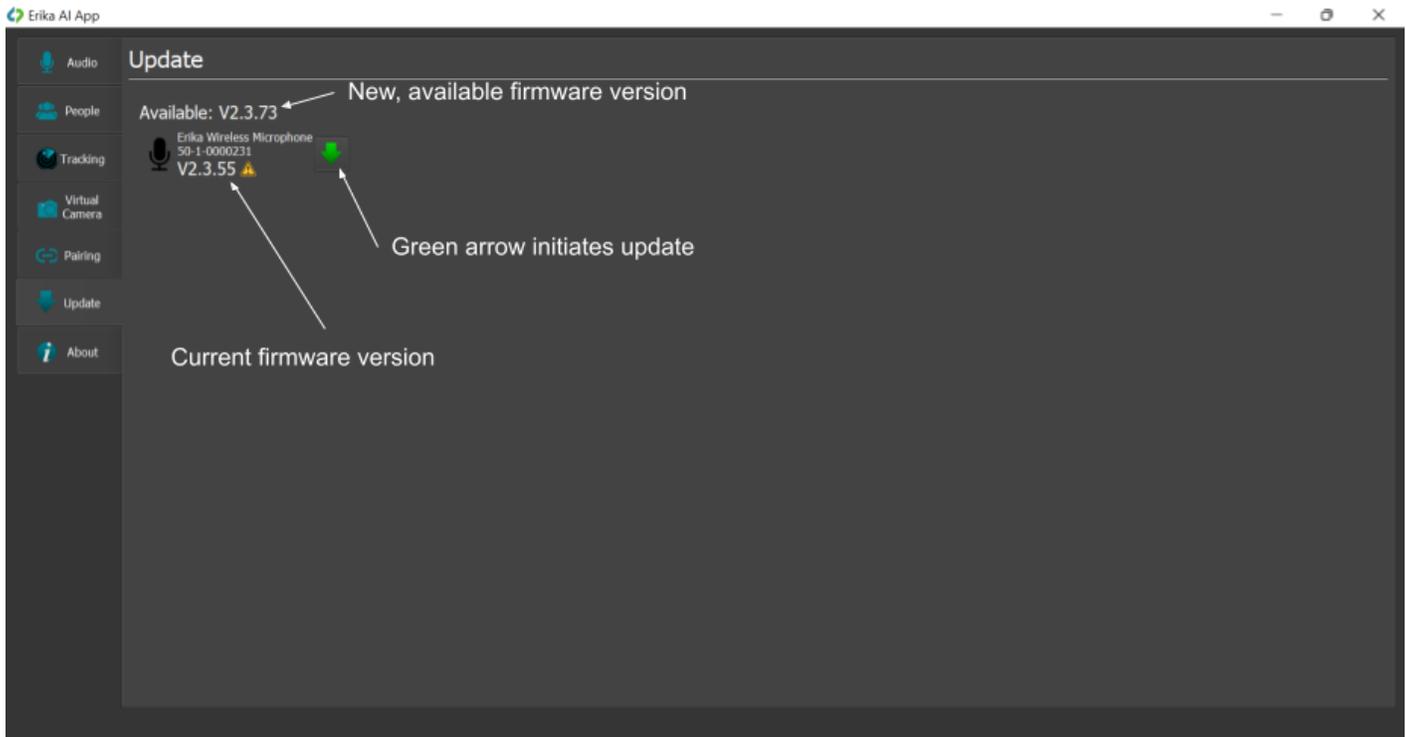
Set Erika microphone names

Connect the Erika receiver to the computer with USB. Goto the People tab in the Erika AI app. This tab is used to set the names for each microphone user that are displayed as part of the name overlay. Press the person with the green plus sign to add a name. Double click "Jane Doe" to set the name and Description to set the title/description of each person. Adjust the microphone number associated with the person by clicking the up/down arrows next to the microphone icon. When completed, press the down arrow icon to save the configuration. Next time you run the app, press the up arrow icon to open the configuration.
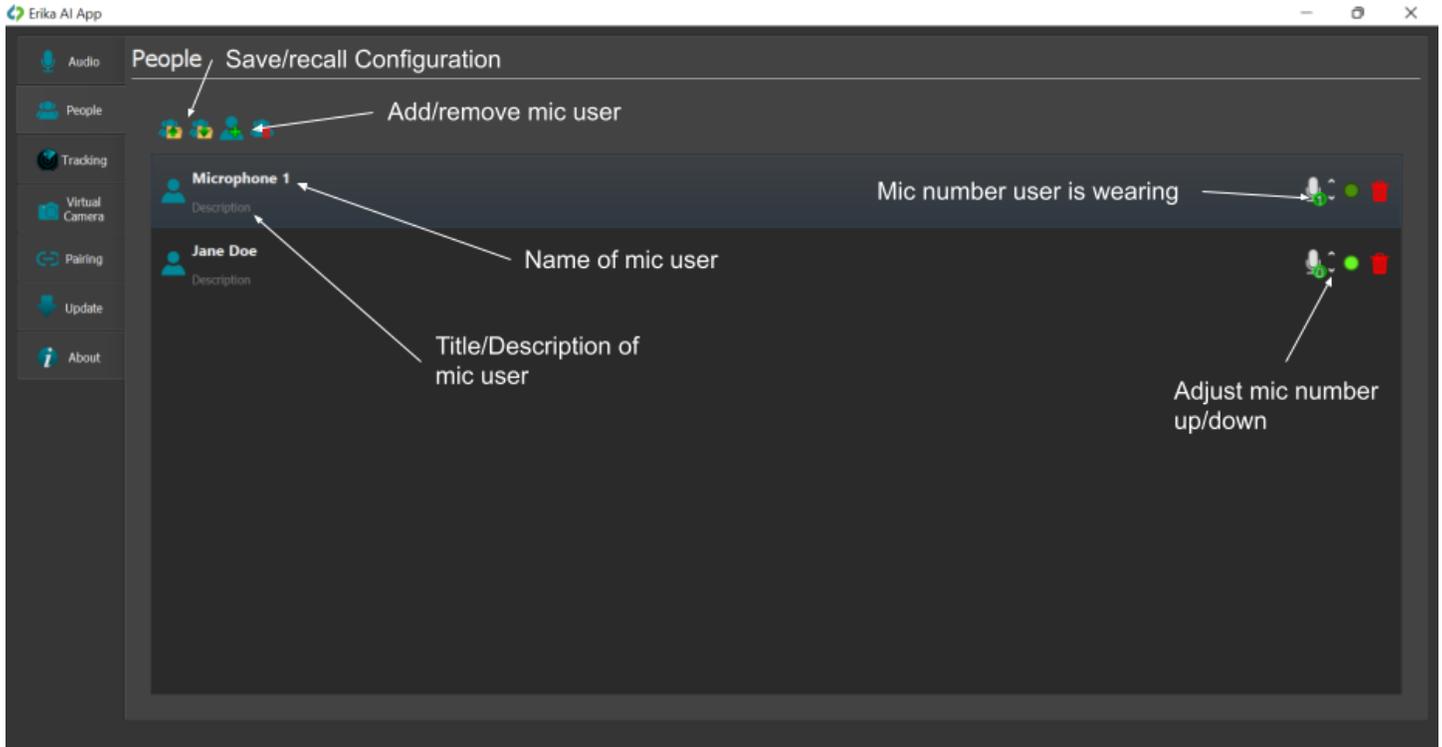
Name overlay positioning

      Under the Virtual Camera tab, the placement of the name overlay is set. The name overlay matches the microphone number set in the People tab and switches to follow the microphone speaker. The name is positioned within the video frame by clicking and dragging the name to the desired location. Note that Microsoft Teams is a 4:3 aspect ratio, which the red lines denote.

      The Name overlay toggle selection will turn the name overlay on or off for all users.
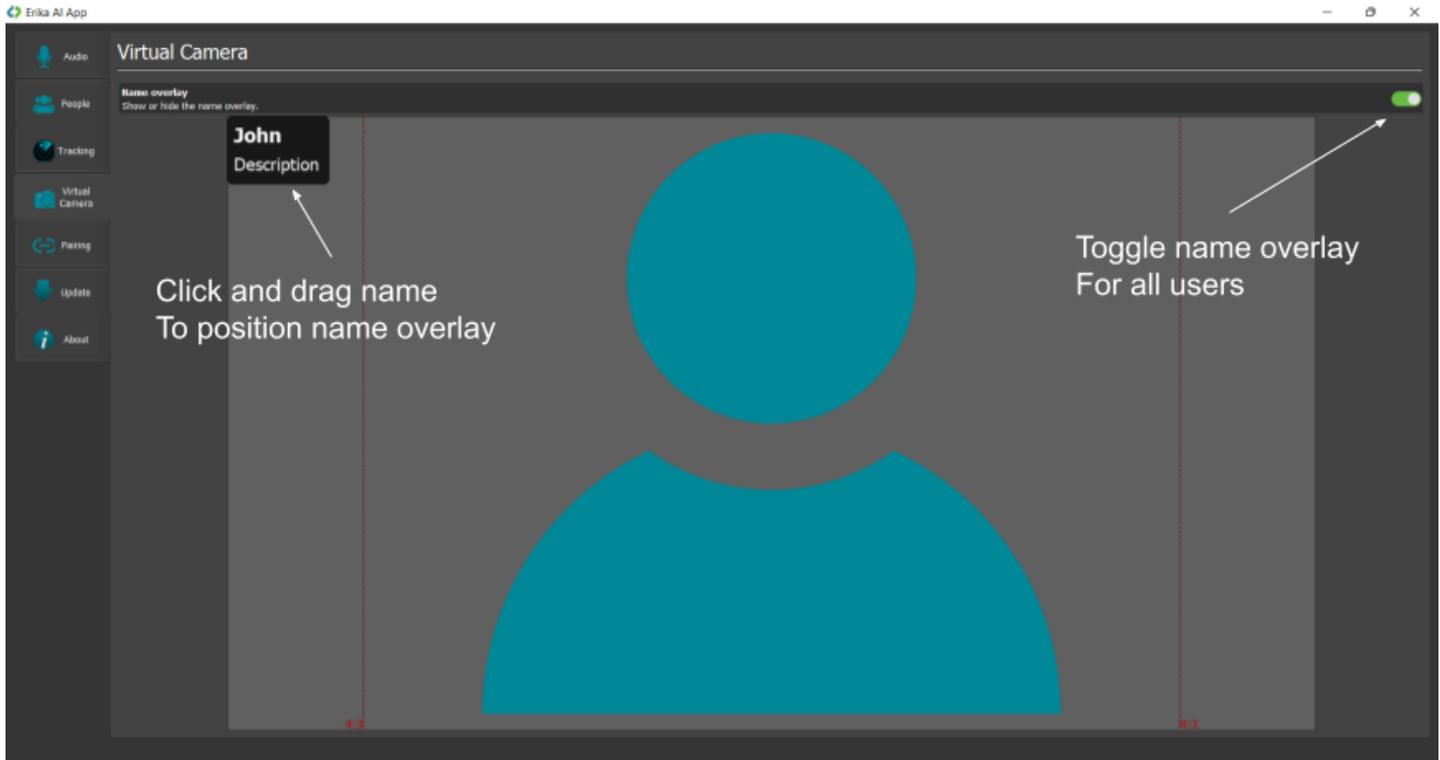
Select Camera Input

Go to the Tracking tab to select the camera sources. Camera sources can be any camera connected to the computer that appears as a virtual camera within Windows. This includes USB cameras/webcams and HDMI/SDI cameras connected with a USB HDMI/SDI capture device. Click the drop down menu to see a list of available sources. The Erika AI App supports two sources. Once the camera is selected, a preview of the live camera source is shown. Click in an open area to show a dropdown list of available microphone windows to place. Only one window per microphone is currently available. The window for each mic should be placed on the person assigned to the mic. The window size can be changed by using either the mouse wheel or pinch to zoom on a mousepad when the cursor is hovering over a window.

Pressing the lock icon will change the output video to show the entire camera view and disables face tracking. Microphone switching is still enabled. Pressing the person icon disables the face tracking for the specific camera. Locking to a full camera view at the start of a meeting is a good way to show who is in attendance. If the second camera is used to display a slideshow/presentation from another computer, the camera lock is a good way to see the entire view of the presentation while still allowing microphone switching.

Camera selections and microphone/tracking windows are saved and recalled when the app is reopened.
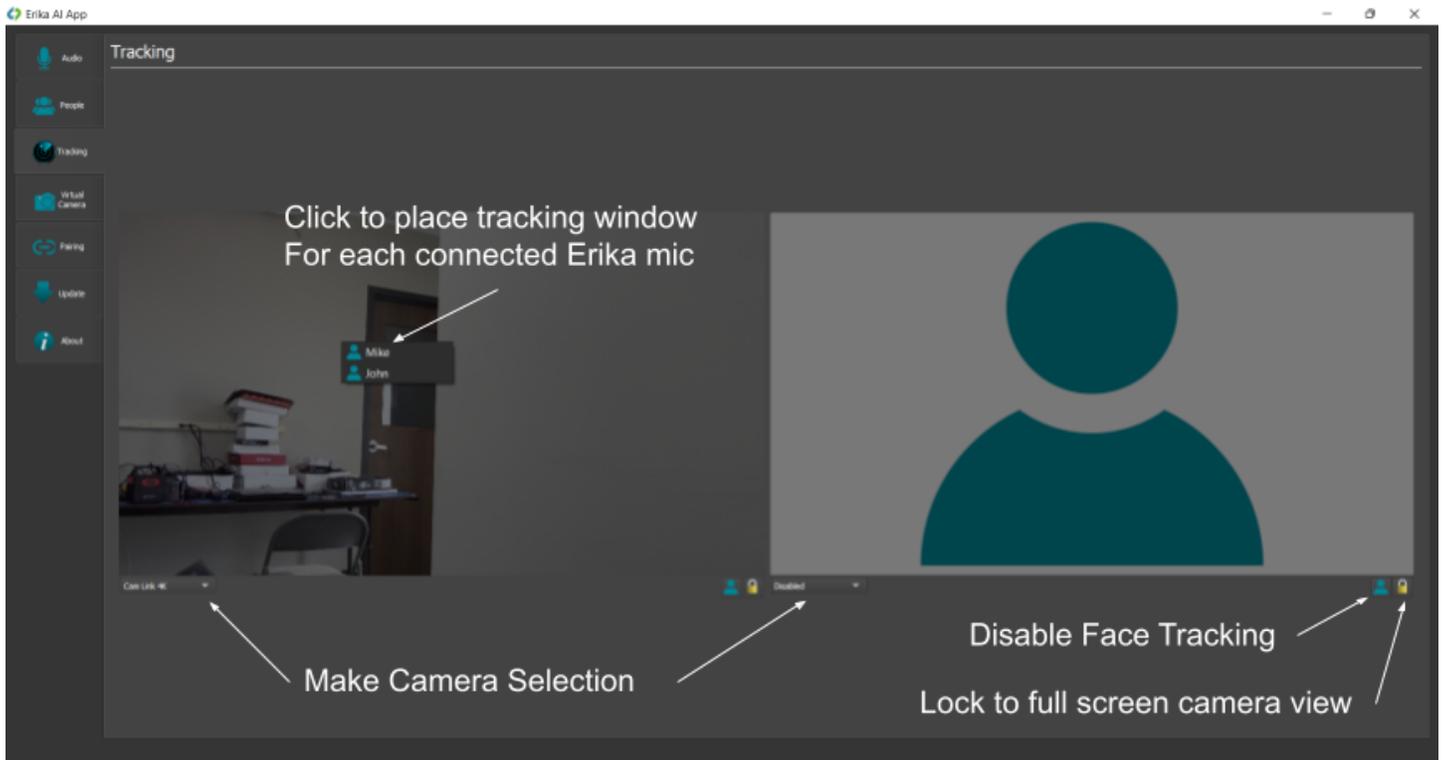
Move camera extraction windows

Once the window has been placed, click and drag from within the window to move. Click the red X to remove the window. Note that each window displays the name of the microphone user. Extraction windows can be resized by using the mouse scroll wheel or pinch to zoom in/out on a laptop trackpad. Hover the mouse over a selected window to change the size of the extraction. The output video is held constant while the extracted video is scaled to match the output.

If a face has been detected in the active window, the extraction window will automatically move to follow the face.
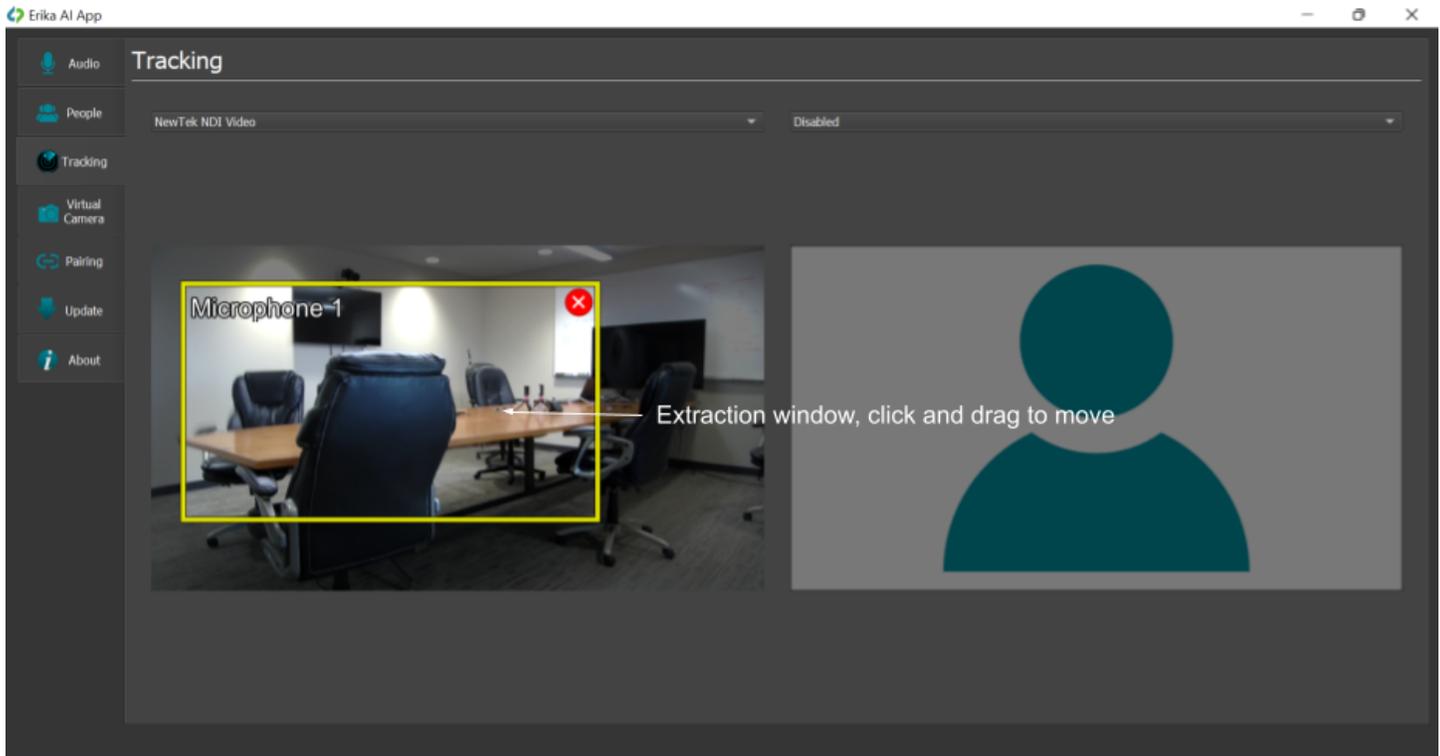
Camera Selection within destination application

In the streaming/recording application, select the video source to be Erika Virtual Camera and the audio source to be Erika Wireless Microphone. Currently supported applications are Zoom, Microsoft Teams, and OBS. Other applications are also likely to work.

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Camera

| Erika Virtual Camera | ⌄ |

☐ Original ratio   ☑ HD

My Video

☐ Mirror my video

☐ Touch up my appearance

☑ Adjust for low light | Auto ⌄ |

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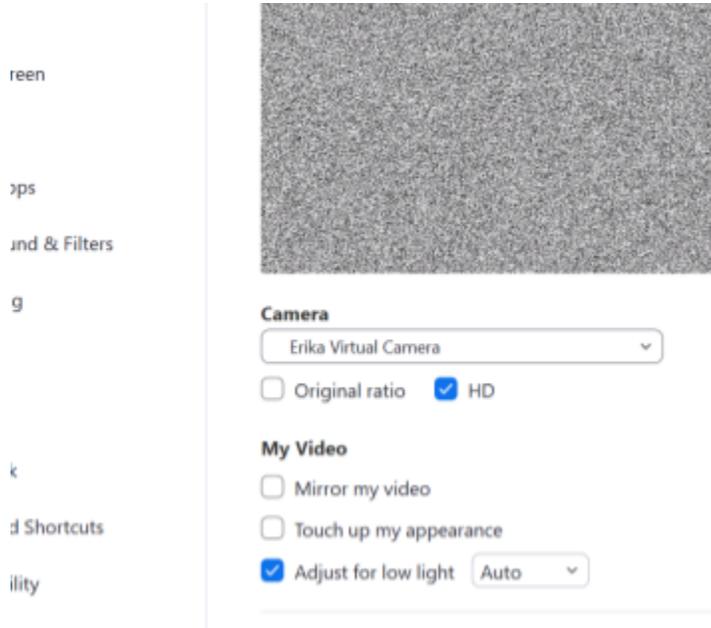
Erika AI App Audio View

The Audio tab view shows the active status of the Erika AI system including what mics are connected, their battery levels, the selected microphone, and the audio levels. User controls include individual mic mute, global audio mute, solo mode, which freezes microphone auto switching, and microphone identifier flash. Pressing the blink LED button on a microphone will cause the LED of that microphone to flash, easing identification.
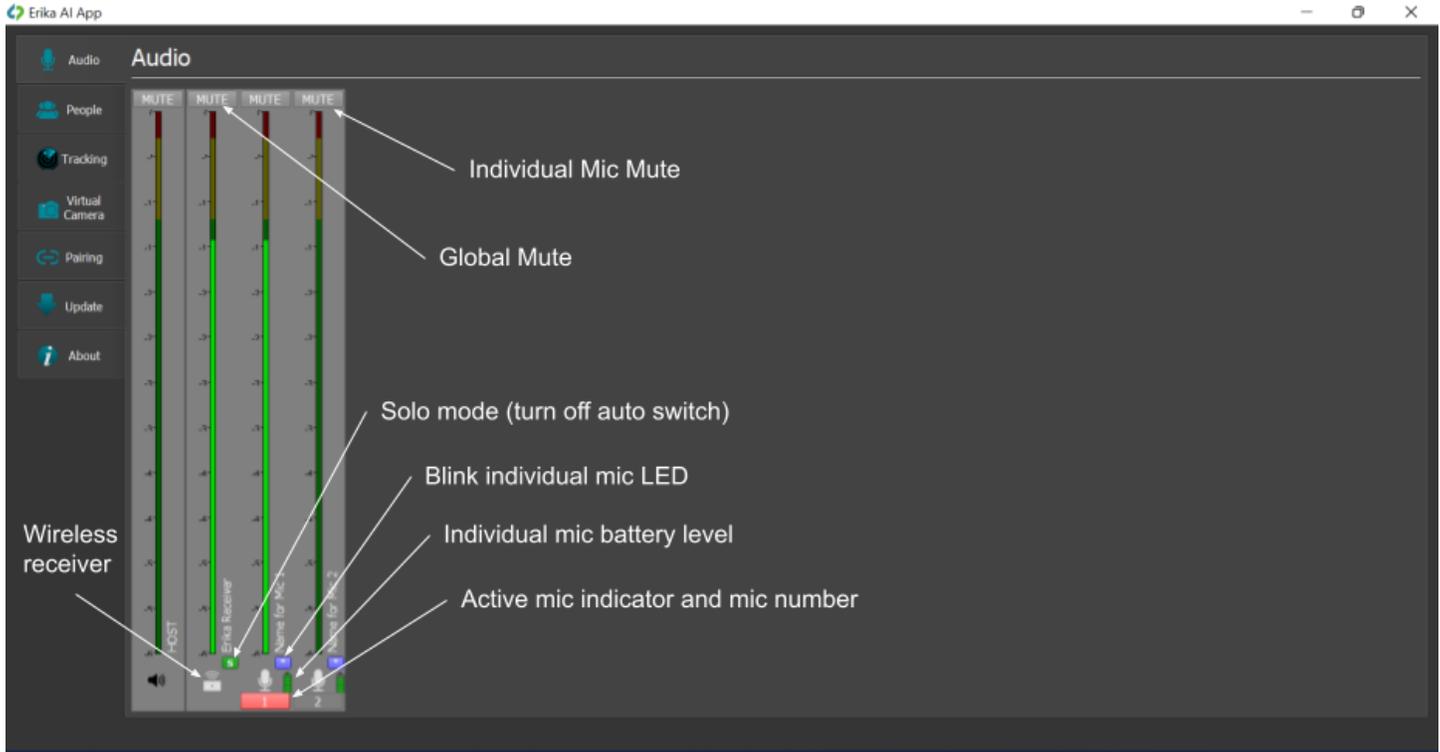
Erika Microphone Pairing

Under the Pairing tab, Erika receivers and mics are connected/paired. Note that each device must be unpaired prior to pairing, ie each microphone pairing needs to be cleared by connecting to the computer via USB and pressing the red trashcan icon to clear the pairing. When pairing, the microphone needs to be held close to the receiver. Other microphones that are not paired need to be placed on a table and not touched while pairing a microphone.
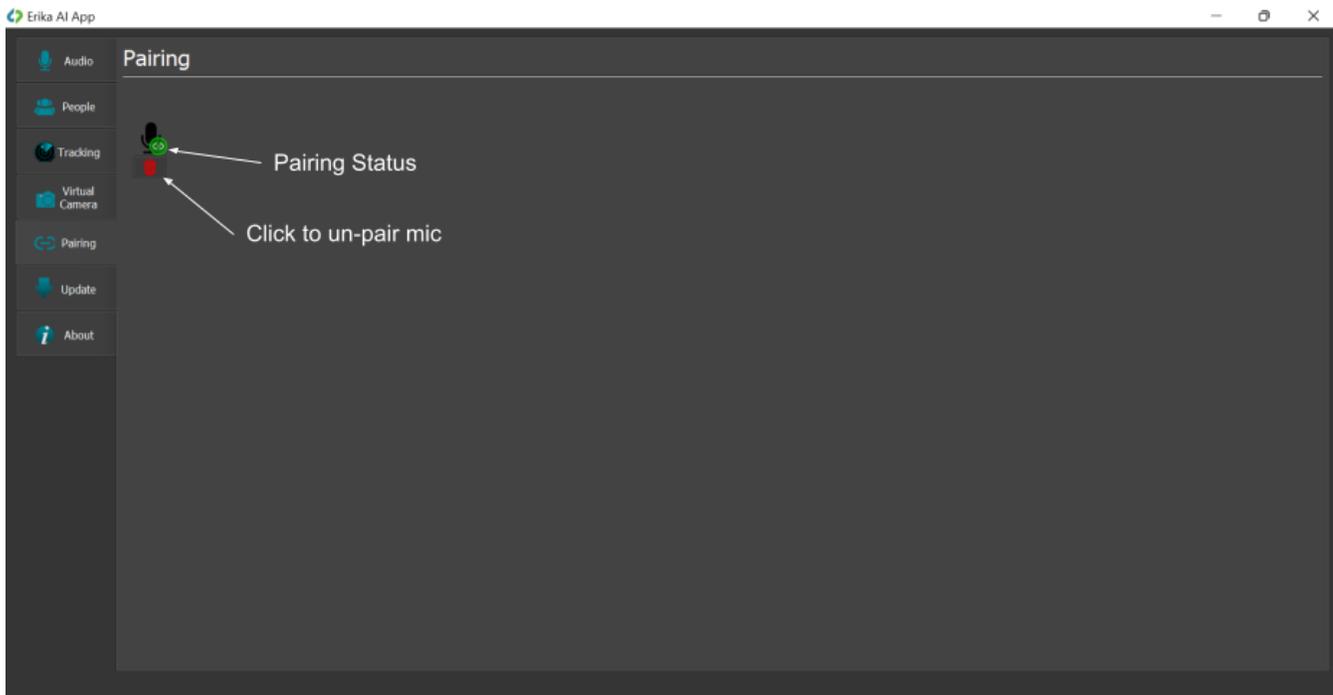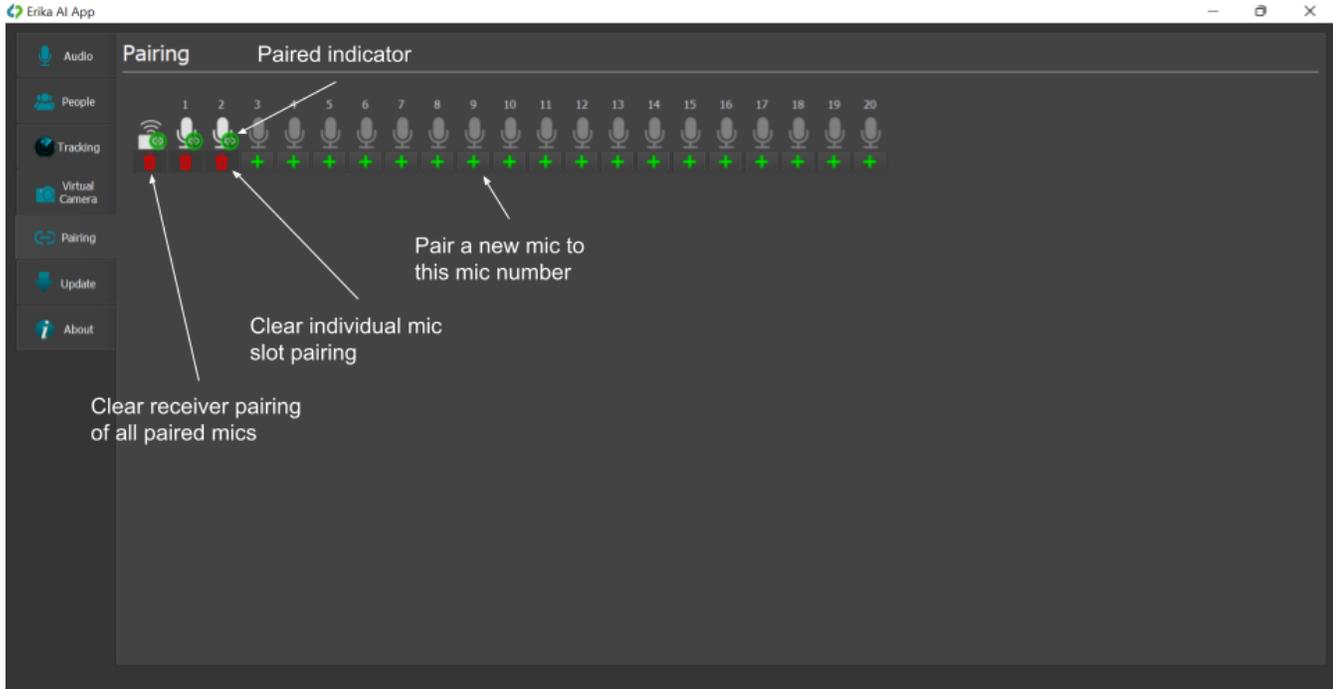
Start Erika AI app on Windows startup

Press the start button and type Erika to find the app. Right click on the app and choose "Open file location".
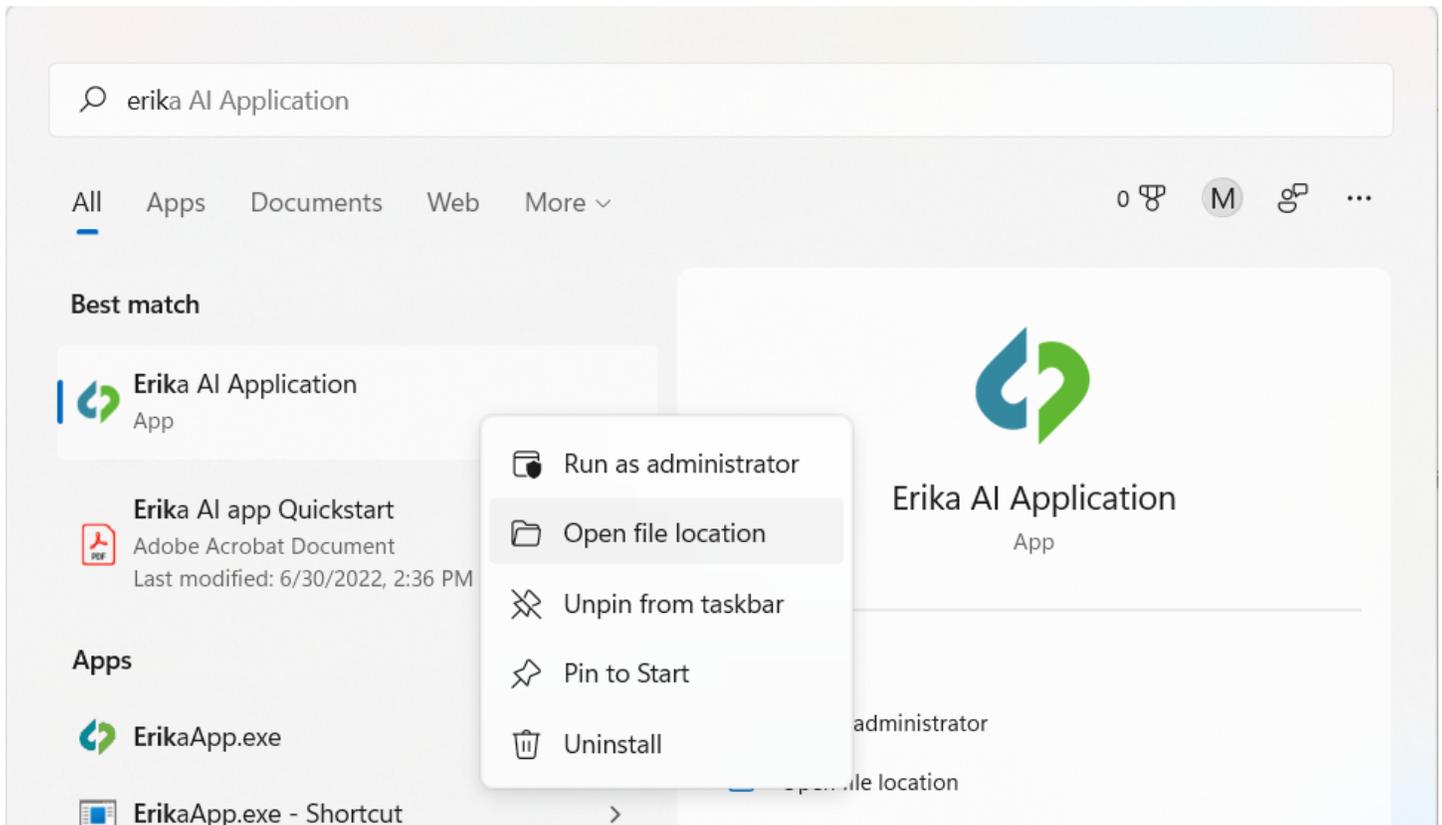
Press the start button, type run, and press enter. Type shell:startup and press enter in the run dialog box.
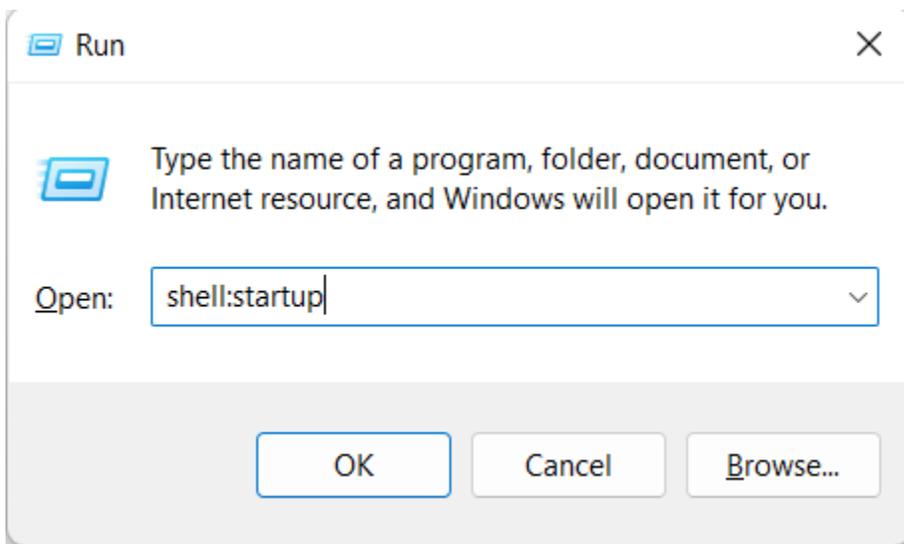
Copy the shortcut from the file location for the Erika AI app into the startup folder location.

Startup — ☐ ☒ ✕

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Name	Date modified	Type	Size
Erika AI Application	7/1/2022 9:38 AM	Shortcut	3 KB