

SKAA cmd User's Guide

– the app you don't really need!

- SKAA cmd can be used with the following transmitters:
 - Izabella (Apple 30-Pin)
 - Diz (Apple Lightning)
 - Ursula (USB Type A)
 - Gemma (Micro USB)
 - Cassandra (USB Type-C)
- On the following supported operating systems:
 - iOS 12.0 or later
 - iPadOS 12.0 or later
 - MacOS 10.15 or later
 - Windows 10 or later
 - Android 5.0 (Lollipop) or later

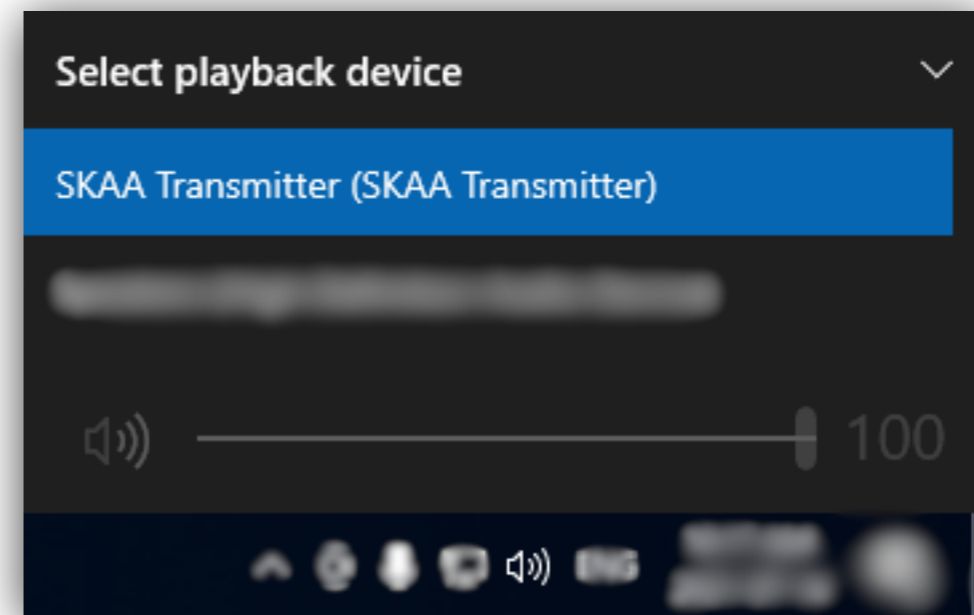
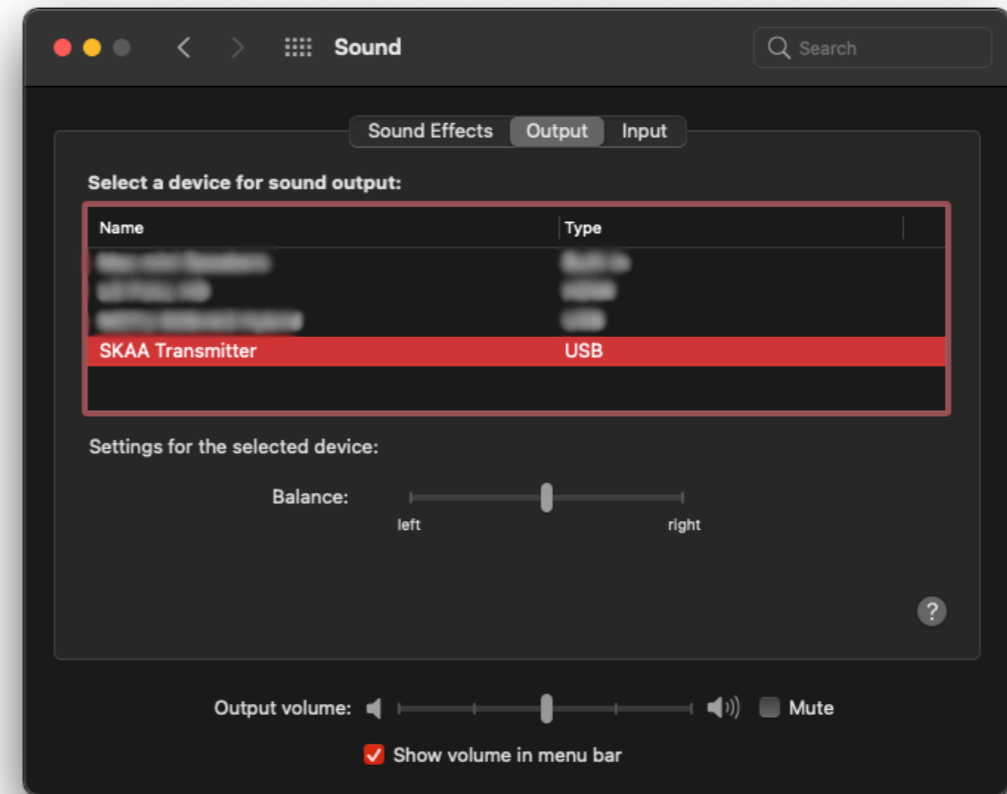
Main Screen

The screenshot shows the SKAA cmd app interface with the following callout boxes:

- Living Room Stereo:** A callout box explains that tapping the mute icon (a speaker with a slash) mutes the receiver for complete silence, and tapping again unmutes it.
- Living Room Stereo (Bond Block):** A callout box explains that multiple green Bond Blocks indicate a SKAA Cluster. Each Cluster member can play different audio channels if desired, for example, a stereo TV sound system. Refer to the SKAA Receiver User's Guide for more information on SKAA Clusters.
- Living Room Stereo (Volume Fader):** A callout box explains that tapping here names the receiver.
- Living Room Stereo (Info Icon):** A callout box explains that the receiver Bay shows you when a SKAA receiver or Cluster is Bonded (connected).
- Bedroom Soundbar (Volume Fader):** A callout box explains that cranking up the volume of individual receivers and Clusters with this fader.
- Bedroom Soundbar (Bond Block):** A callout box explains that multiple receivers? The green Bond Block lets you choose whether a receiver is playing the left, right, or both channels. Tapping here will also show the receiver firmware version and profile in the Node menu.
- Living Room Stereo (Info Icon):** A callout box explains that this little button takes you to the info screen.
- Lyndon's Ursula (Volume Fader):** A callout box explains that this fader sets the output volume, which affects the sound coming out of all receivers.
- Lyndon's Ursula (Mute Icon):** A callout box explains that tapping this mutes all of your receivers.
- Lyndon's Ursula (Power Icon):** A callout box explains that this button lets you change the power behaviour when sound is not playing.
- Lyndon's Ursula (Name):** A callout box explains that tapping here gives your transmitter a nice name.

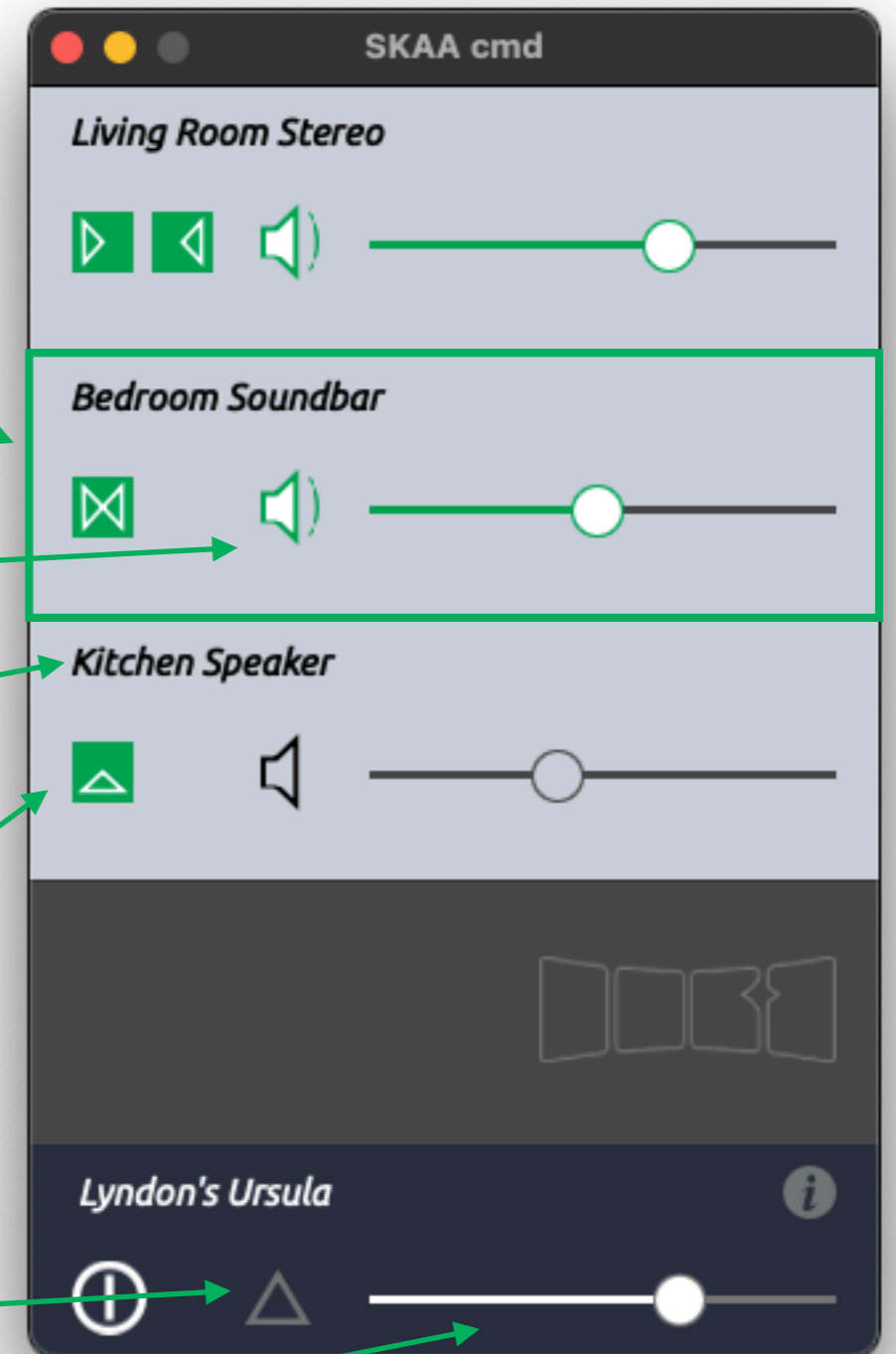
Setup your Transmitter

- MacOS and Windows need to be configured to play through SKAA.
- Just go to your computer's sound settings and choose your SKAA transmitter.
- On MacOS, SKAA cmd provides a nice shortcut to your sound settings in the menu bar.
- Windows 10 lets you change the output device by clicking the sound icon in the taskbar.
- This setup is for first use. Your computer will automatically switch to your SKAA transmitter the next time you plug it in.




Manage your Receivers

- The main screen shows a list of Bonded receivers.
- Here you adjust each Bay's volume and audio routing(see next page).
- Want to watch a movie with headphones? You can mute other Bonded speakers so that only you hear. The receiver mute button will flash black when muted.
- Receivers can be named so they are easy to identify.
- The green icon, the Bond Block, shows the current audio routing. Tap the Bond Block to change the routing of audio channels in the Node menu(see next page).
- Tapping here mutes all Bonded receivers. Receivers will have to be unmuted individually after.
- The main volume of your audio is controlled with this fader.



Node Menu

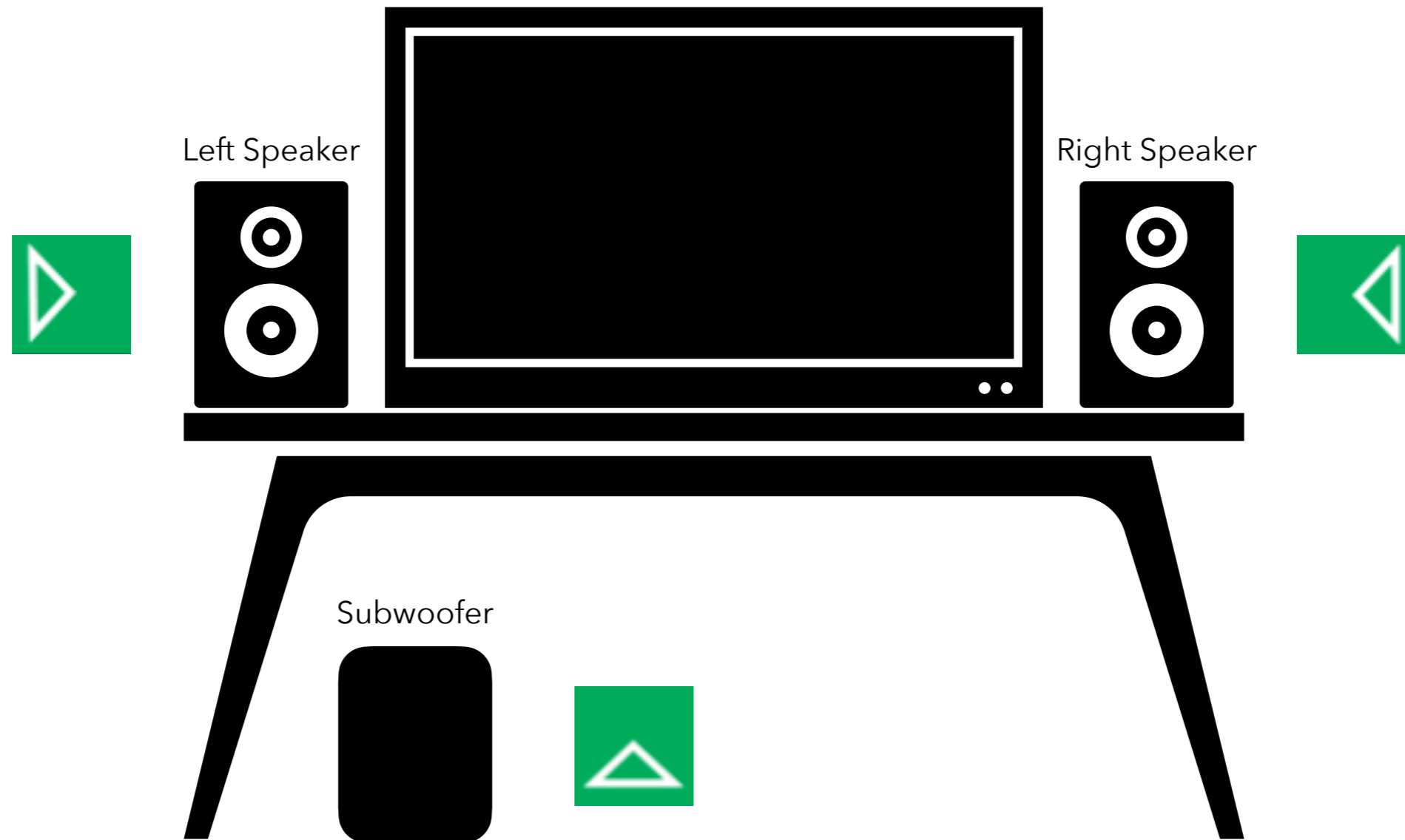
Audio Routing and Node Volume

- Tapping the green bond block next to a receiver will show options for audio routing.
- SKAA lets you bond multiple receivers (up to 4) to one transmitter with matching low latency. This enables powerful and wireless stereo sound.
- Some receivers support stereo audio on their own, like the Dillinger Helix headphones.
- Some receivers only have a single channel so can only play left, right, or mono audio (left and right summed). But they can be used together for stereo sound!
- Some receivers will show diagonal lines to indicate unsupported routing modes. 
- When using supported devices in a Cluster, the Node menu will have a vertical Node volume fader. This lets you trim the volume of a certain Node, like a subwoofer, apart from the rest of the Cluster.



Audio Routing Routing

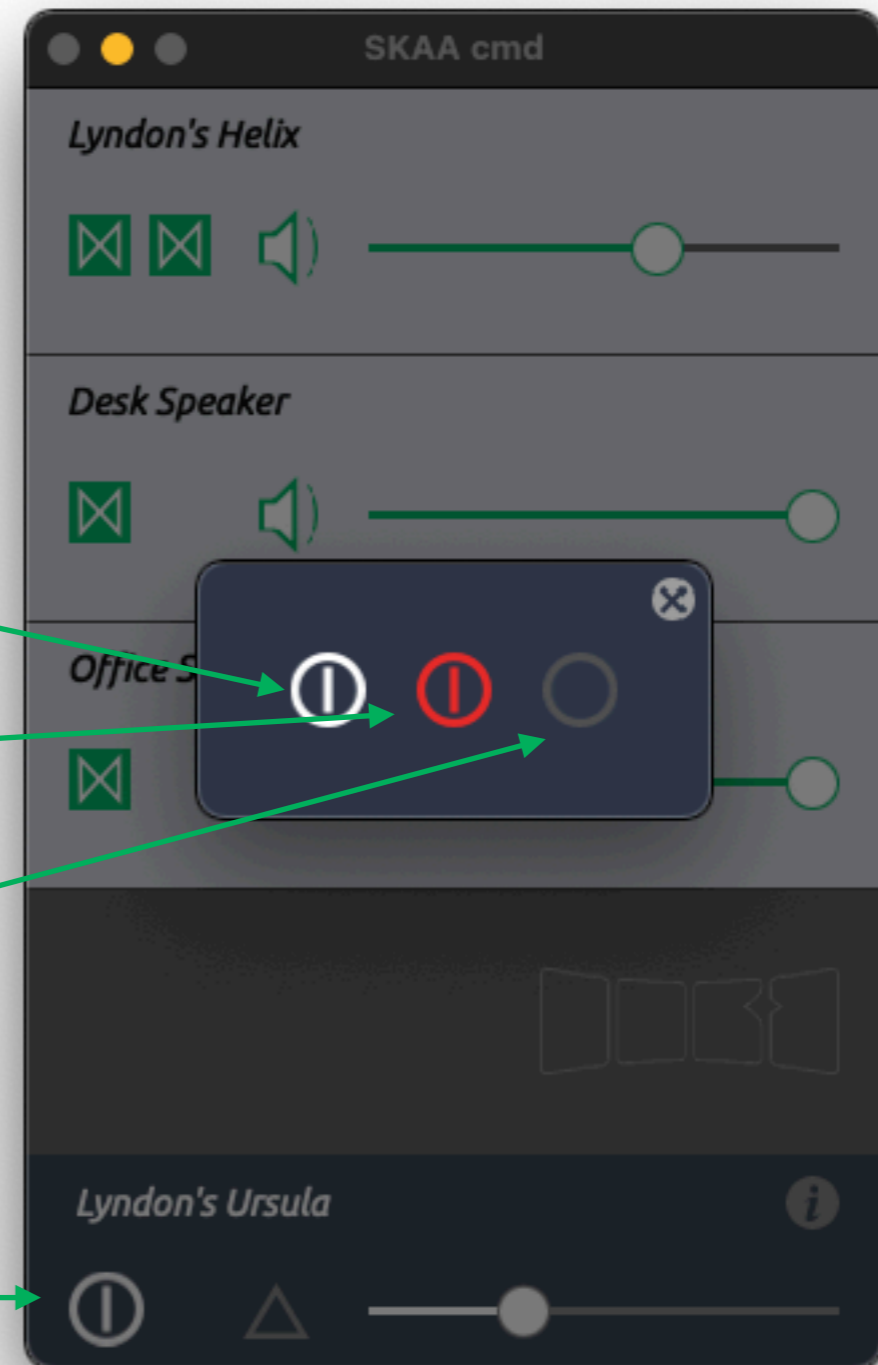
An example



- Here is a 2.1 Sound System (two main channels plus one subwoofer)
- We assign the left and right channels to their respective speakers/receivers in SKAA cmd
- The subwoofer is assigned summed mono so it has access to all channels.
- Now you can watch a movie or listen to music with clean stereo separation!

Transmitter Power State

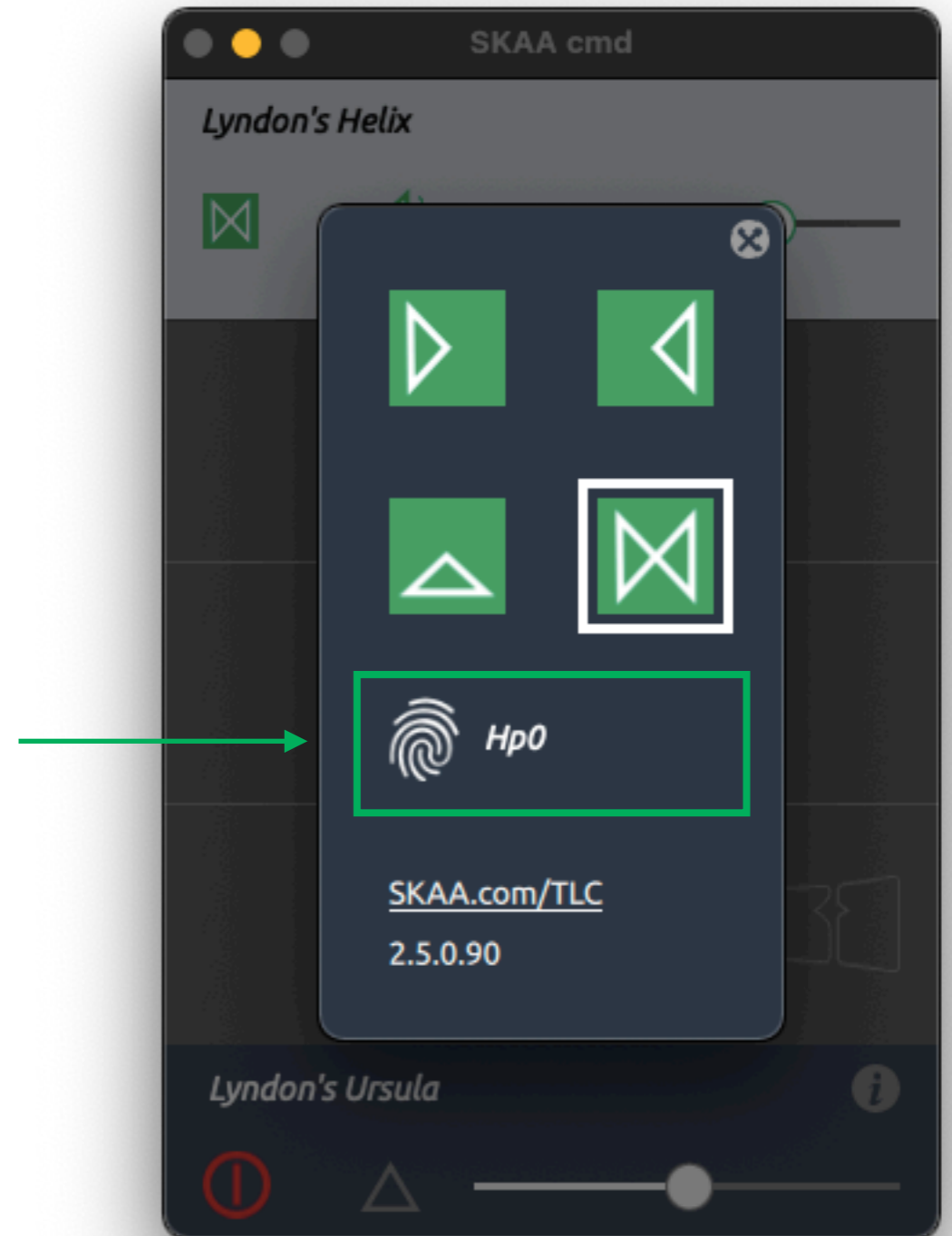
- Tap power mode button to choose a transmitter power state:
 - White – Turn off transmitter after a couple minutes of no audio. When audio returns, transmitter will turn back on.
 - Red – Always keep the transmitter on.
 - Grey – Keep transmitter off, even when audio is playing.
- A bar in the power mode button means the transmitter is currently on.




Node Menu

Receiver Profiles

- Receivers can have profiles assigned to them. Tapping the bond block will show you the current profile.
- Profiles define the default behaviour of your SKAA receivers on certain events. The profile can be changed by tapping the text beside the fingerprint.
- For example, headphones can be set to the Hp0 profile. When this profile is set, all other receivers will be muted when your headphones bond to your SKAA transmitter.
 - This behaves similarly to your phone speaker muting when plugging in old-school headphones. When phones still had headphone jacks.
- This feature depends on the transmitter being used. The profile can be ignored or a transmitter may look for different profiles for different functionality.



Info Screen

- Tapping the  on the main screen will take you to the info screen.
- This screen shows you the app version, app license, libraries used, transmitter firmware version, and screen size.
- Links to the SKAA websites and open source licenses are also included here.
- This information is useful for reporting bugs and other troubleshooting.

