

# 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-A)
  - Gemma (USB-B Micro)
  - Cassandra (USB-C)
- On the following supported operating systems:
  - iOS 11.0 or later
  - iPadOS 11.0 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. At the top, the title bar reads "SKAA cmd". Below it, there are three receiver entries: "Lyndon's Helix", "Desk Speaker", and "Office Soundbar". Each entry has a green bond block icon, a speaker icon, and a volume slider. At the bottom, there is a "Lyndon's Ursula" entry with a power button, a mute button, and a volume slider. Callout boxes provide detailed instructions for each of these elements.

Multiple 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.

Tapping this mutes your receiver for complete silence. Tap again to unmute.

Tap here to name your receiver.

The receiver bay shows you when a SKAA receiver or Cluster is bonded (connected).

Crank up the volume of individual receivers and Clusters with this slider.

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.

Tap here to give your transmitter a nice name.

This little button takes you to the app info screen.

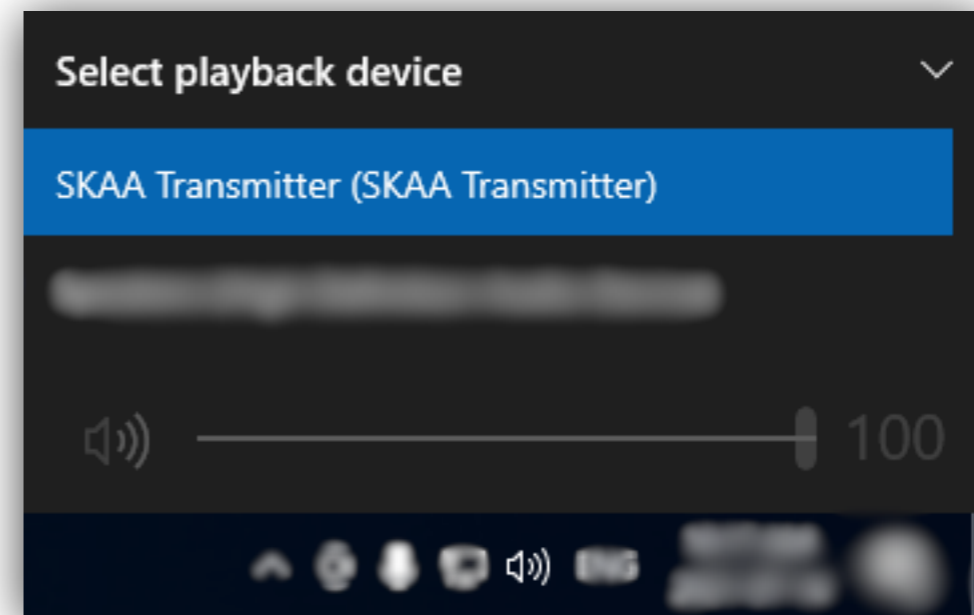
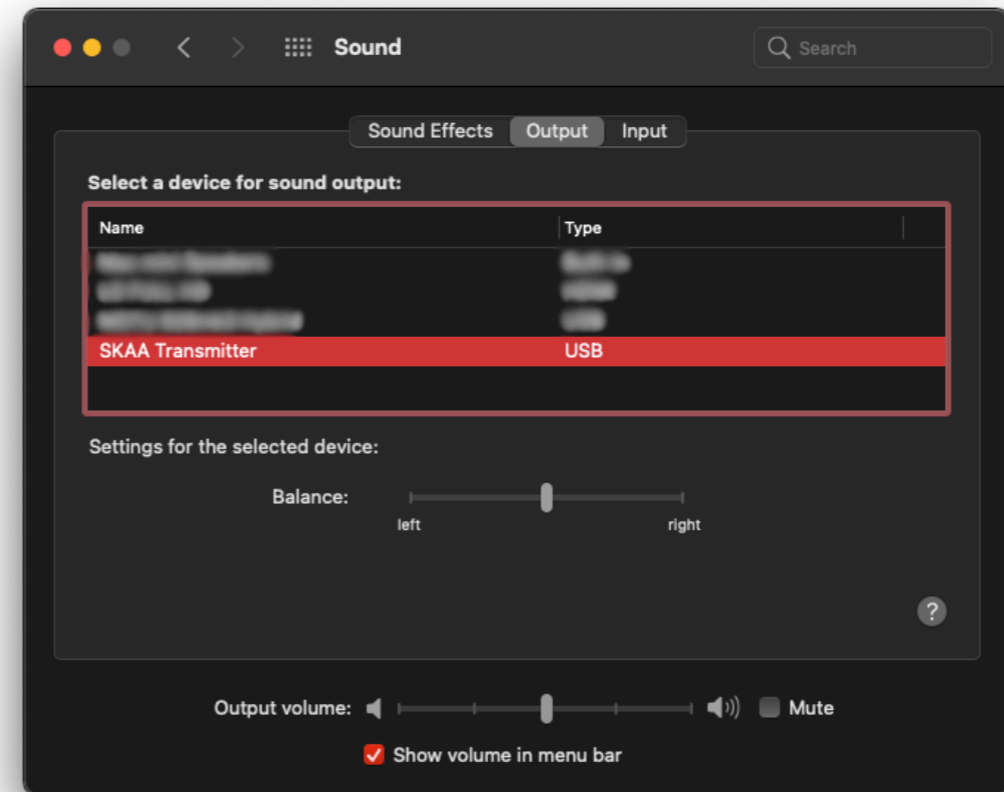
This slider sets the output volume, which affects the sound coming out of all receivers.

Tap this to mute all of your receivers.

This button lets you change the power behaviour when sound is not playing.

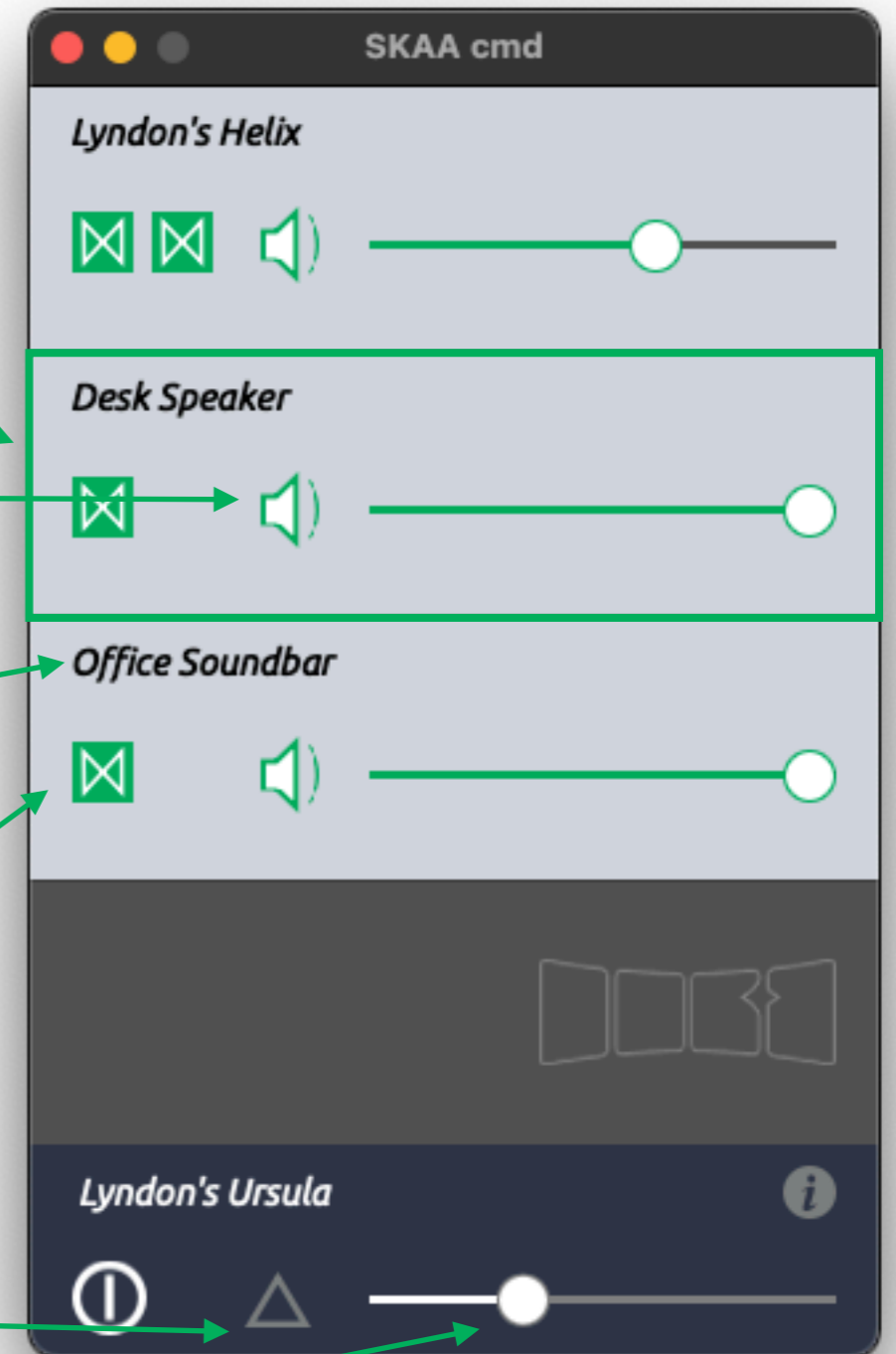
# Setup your Transmitter

- 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.



# Manage your Receivers

- The main screen shows a list of bonded receivers.
- Here you adjust each receiver's volume and channel 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 channel routing. Tap the bond block to change the routing of audio channels(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 slider.



# Audio Channel Routing?

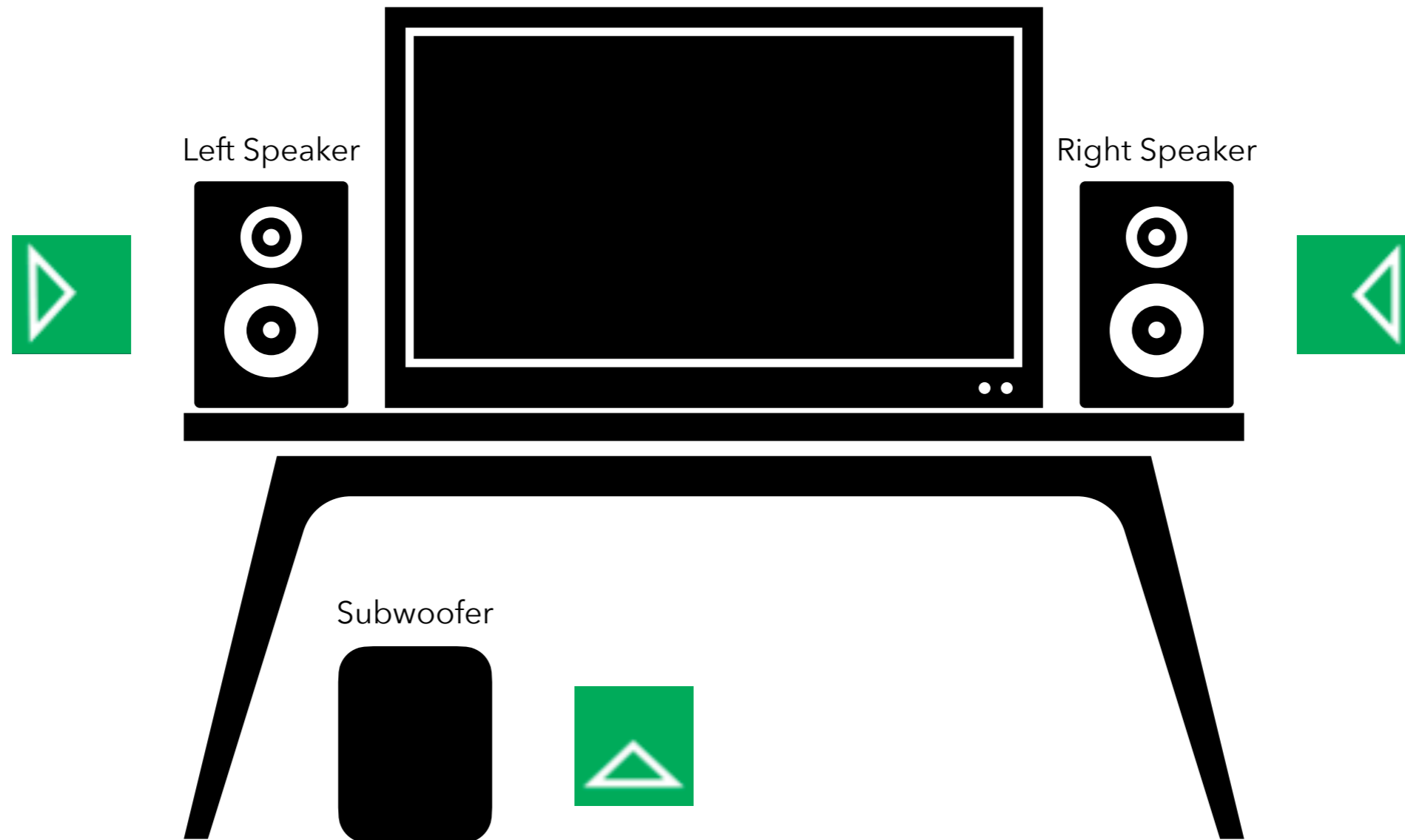
## Why would I want to change this?

- Tapping the green bond block next to a receiver will show options for audio channel 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.



# Audio Channel Routing

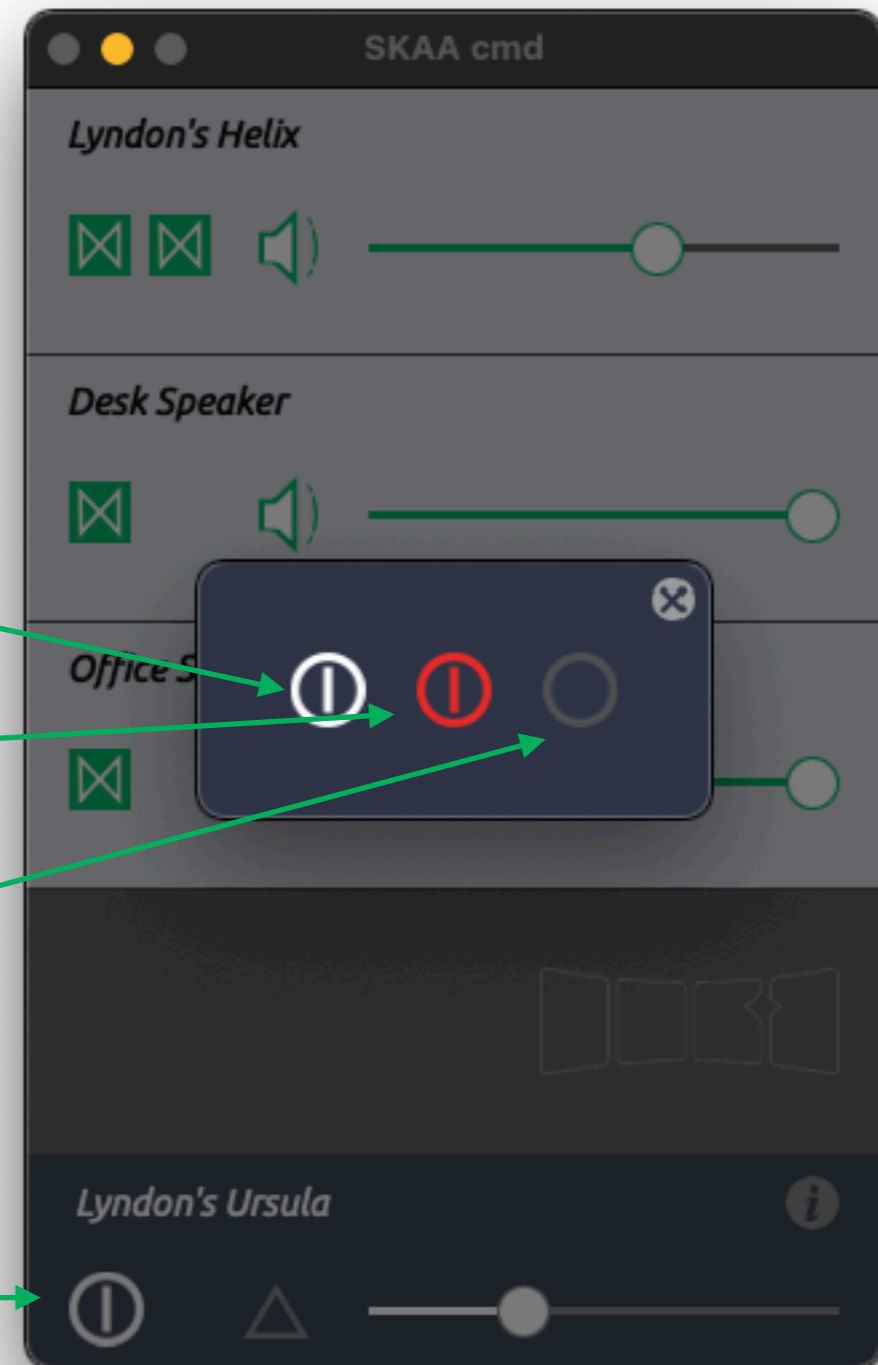
## An example



- Here is a fresh 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 mono for all the bass.
- Now you can watch a movie or listen to music with clean stereo separation!

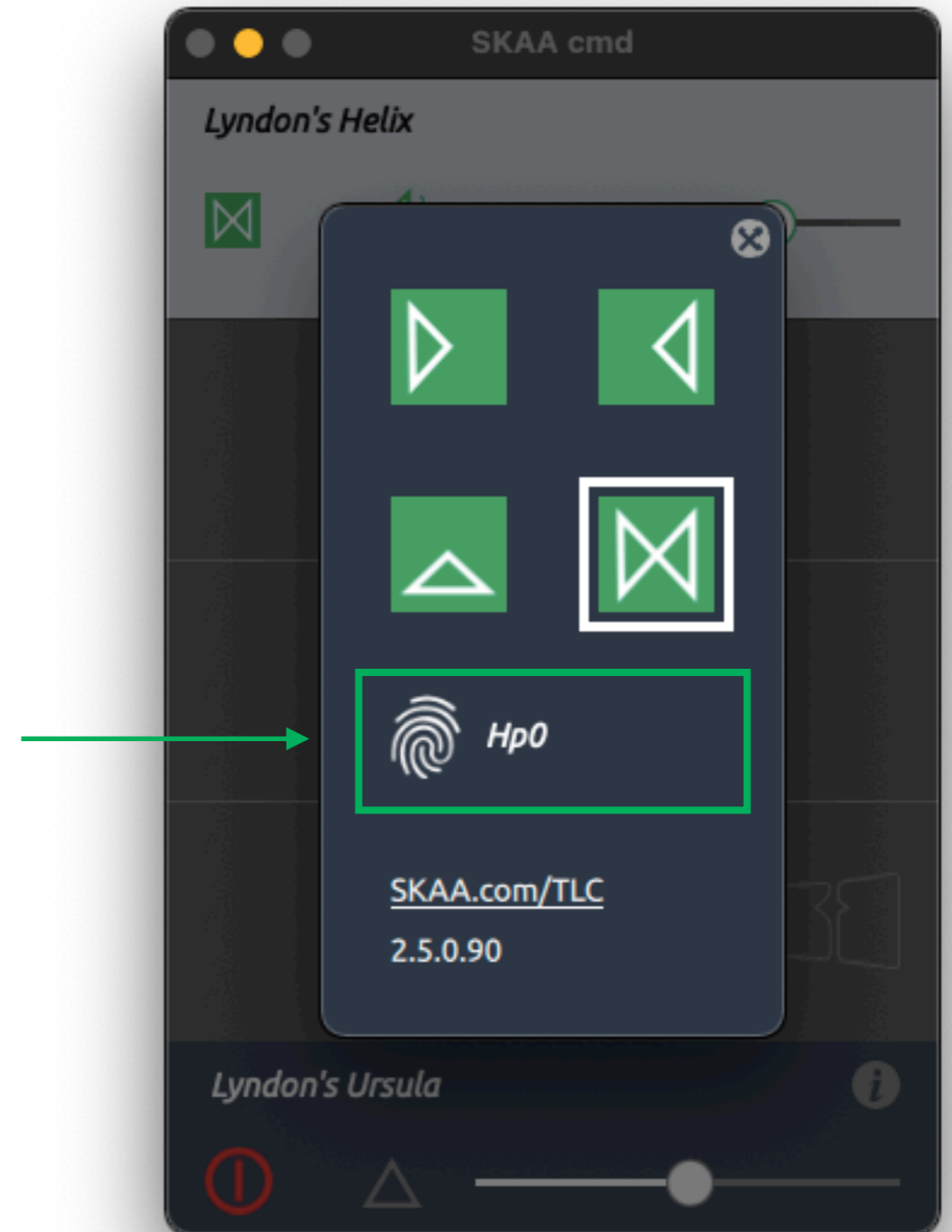
# Transmitter Power State

- 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 line in the power mode button means the transmitter is currently on.




# 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.





# Info Screen

- Tapping the  on the main screen will take you to this page.
- 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.

