

# Jamstack

## USER MANUAL

Unleash Your  
Creativity

A Step-by-Step User  
Guide for Getting the  
Most Out of Your  
Jamstack 2

TUNE IN → TO  
LEVEL  
UP



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# What's in the Box.

- **Hard Case** - A super durable hard shell travel case



- **The Jamstack 2** - For all the things



- **USB-C to lightning cable** - To connect lightning devices



- **USB-C to USB-C charging and data cable** - To connect lightning devices

- **1/4" Cable** - To connect your guitar to Jamstack 2's input jack while it's mounted to your guitar



- **Guitar Bracket** - To mount the Jamstack 2 on your guitar



- **Hex Key** - To adjust and secure your guitar bracket



- **Charging Brick** - To charge your Jamstack 2



- **Phone Mount** - To hold your phone on the Jamstack 2



- **Phone tilt stand** - To point your phone at you from a tabletop



- **Carabiner** - To clip your hard case onto other bags, like your soft case



- **Stickers** - To show your Jamstack pride



# Main Features & Benefits

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- **Deluxe Built-in Effects Engine and Control App**

Replicate your favourite musicians' guitar tones using our powerful best-in-class effects engine and control app.

Access hundreds of effects presets and save them directly into your Jamstack 2

- **Bluetooth Speaker**

Pair any Bluetooth device to your Jamstack 2 for high fidelity and portable listening experience.

Up to 5 devices can be connected simultaneously.

- **Multiple Recording Modes**

Camera Mode, Interface Mode and Duet / Looping Mode allow you to record high quality audio directly into an iPhone, iPad, Mac or PC over a USB connection to the amp. This audio can either include your built-in effects, or bypass them like a typical audio interface so that your recording software can add effects.

Record into Mac or PC using your Jamstack 2 as a professional audio interace.

- **Two-Way Wireless System**

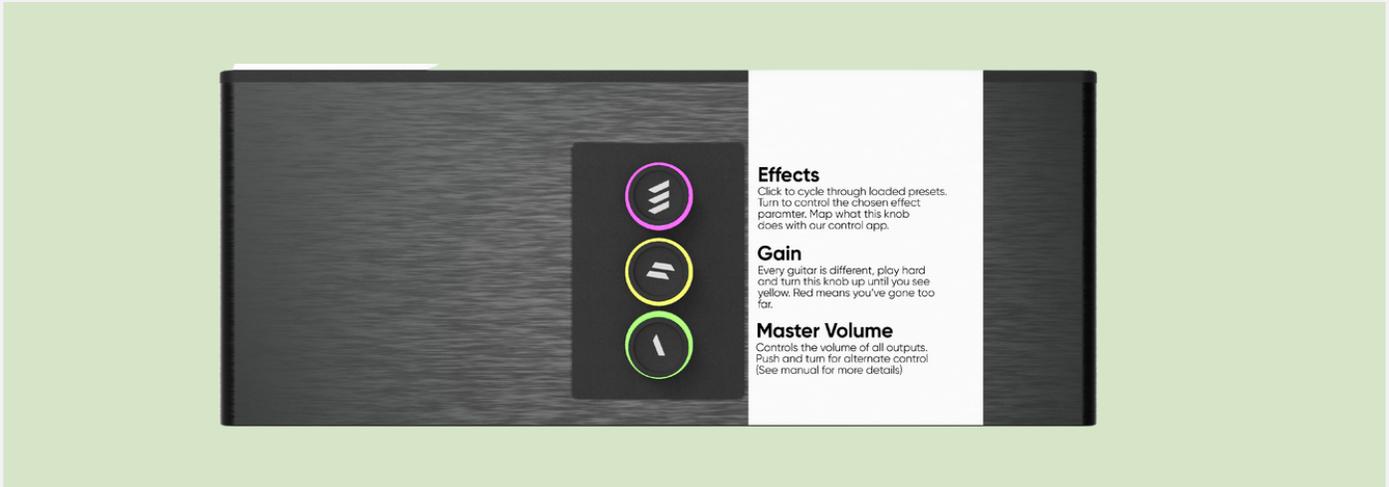
Wirelessly connect to the Jamstack 2 for a cable-free experience using our Jamstack 2 transmitter (sold separately)

Cast audio out to multiple Jamstack 2's, Jamstack headphones, a PA, or even your home stereo system using our wireless receivers (sold separately)

- **All-Day Battery Life**

Rechargeable lithium-ion battery for over 9 hours of playing your instrument, also works as a power bank to charge USB devices.

# Knobs & LEDs.



1.

**KNOB 1**

TURN: Master Volume  
 PUSH AND TURN: Global SKAA volume when additional SKAA speakers are bonded to this Jamstack 2 (including other Jamstack 2s) – this affects volume on this Jamstack and all of the bonded satellite speakers, too."  
 PUSH: Play / Pause Music  
 PUSH X 2: Bluetooth re-pair to familiar device  
 PUSH X 3: Bluetooth pairing to a new or second device  
 LONG PRESS: Shutdown

**When connected to a STREAMING APP:**  
 SINGLE PRESS : Pause  
 DOUBLE PRESS : Next Song  
 TRIPLE PRESS : Go Back



**LED 1 SHOWS BATTERY LIFE**

COLOUR	BATTERY LEVEL
Red 	9%
Orange 	10-29%
Yellow 	30-59%
Green 	60+%

## 2.



**KNOB 2**

TURN: Adjust guitar output volume  
 PUSH AND TURN: Adjust analog input gain on the pre-amp for the 1/4" input  
 PUSH: Initiate and cancel tuner



Note: The tuner finds the nearest note. Red lights on LED #3 indicate you're sharp and LED #1 means you're flat. A middle green LED #2 means you are in tune.

**LED#2 SHOWS INPUT LEVEL**  
 (Red is clipping, Yellow is high, Green is ok)

COLOUR	INPUT LEVEL
Red	-1 dBFS
Yellow	-6 dBFS
Green	-60 dBFS
Off	

## 3.



**KNOB 3**

TURN : Change the Effect Preset  
 PUSH AND TURN : n/a currently  
 PUSH : Load next Effect Preset  
 PUSH X 2 : Go back to previous Effect Preset  
 LONG PRESS : Save current Effect Preset into Current Slot



Note: When connected to the control app, and live monitoring a tone, this LED will turn teal

**LED#3 SHOWS EFFECT PRESETS**

COLOUR	INPUT LEVEL
Purple	Preset 1
Blue	Preset 2
Green	Preset 3
Yellow	Preset 4
Orange	Preset 5
Red	Preset 6

# Inputs & Outputs.



- **USB-C:**

Attach charger cable to charge the Jamstack 2. You can also connect from this USB-C port to charge an android phone (not iOS). This is also how you can connect to a smart device or computer for recording.

- **3.5mm Headphone/ Line Out and Mic Input:**

Connect headphones and bypass the speakers. This can be used for a line out, to connect to a PA. This headphone jack also doubles as an extra input for vocals or another instrument.

- **1/4" Instrument Input:**

Connect the output jack of any electronic instrument to the Jamstack 2 amp.

- **SKAA Bond Button:**

When in receiver mode, this controls what audio source you're bonded to, and more.

- **SKAA Bond Indicator LED:**

When in receiver mode to tell you what its doing.

# The Basics.

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## HOW DO I...

### Turn off the Jamstack 2 (JS2)?

- **Short-press** knob 1 to power on, **long-press** knob 1 to power off.

### Charge my JS2?

- **Connect** the USB-C port to your **power source** using the USB-C-to-USB-C cable and power adapter provided.
- If you are charging the JS2 while the unit is off, the battery level indicator LED on knob 1 will **fade in and out**. If you are charging the JS2 while the unit is on, the LED indicator on knob 3 will **remain lit**.

### Adjust the Volume?

- The master volume for the JS2 can be adjusted by **turning** knob 1.
- The volume of the instrument input can be adjusted by **turning** knob 2.
- The volume of this speaker and all SKAA wireless speakers bonded to this speaker can be adjusted by **pushing and turning** knob 1.

### Pair my device with Bluetooth?

- **Double-tap** (quickly) knob 1 to re-pair to a previously paired device.
- **Triple-tap** (quickly) knob 1 to pair to a new device or an additional one (up to 5 at once).

### Play or pause my bluetooth-connected music?

- **Short-press** knob 1 to **pause** music, **short-press** knob 1 again to **play** music

### Change when my unit shuts off?

- You can tell your unit **how long** to wait to fall asleep.
- The **sleep timer** is found in the control app. The timer is not active if:
  - You're **bonded** to a SKAA wireless transmitter
  - You're **paired** to Bluetooth
- You're **connected** to USB-C

The timer also **resets** if you interact with the knobs.

## Play using effects in the app on my phone (Jamstack Control app, Tonebridge, etc)?

- The control app is how you will **wirelessly control** your Jamstack 2 to access all the built-in effects, and dozens of vital settings.
- **Go to [www.jamstack.io/pages/control-app](http://www.jamstack.io/pages/control-app) or scan this QR code with your phone's camera to download the **Jamstack 2 control app** from the App Store or Google Play store.**

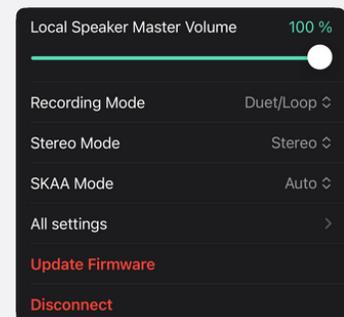


SCAN ME

- Make sure your Jamstack 2 is on, and **Bluetooth** is enabled on your smartphone. On the control app, go to the **"Hardware tab"**, look for your Jamstack 2 and hit **"Connect"**
- Update the firmware by clicking the **"Update Now"** button. It is vital that you update your Jamstack 2 firmware in order to receive the **best experience**. Please do this **FIRST**.
- On the control app, go to the **help tab** and watch the full control app [tutorial](#).
- Enjoy the world class effects engine and **customize** your Jamstack 2 experience!

## Update my firmware?

- It is very important to keep your speaker's firmware up to date. Luckily doing this is as simple as **connecting** your Jamstack 2 to the control app, and hitting **"Update now"**. 



- Make sure not to completely close the control app (you're welcome to minimize it) and keep your speaker **within 10 feet** of your phone until the update is completed. Depending on your phone, this should take less than 10 minutes.
- **Note to Android Users:** Due to 3rd party firmware on our Bluetooth chip, you will need to update the firmware in order to connect to your Jamstack 2. This first firmware update will need to be done on another device. You can do this with a Windows PC or Mac computer. It only takes a few minutes. If here is the link to the [computer based app just for here](#).

## Record an audio file?

- In the Jamstack control app, navigate to the **hardware tab** and **connect** to your Jamstack 2.
- In the quick settings view, you will see **"Recording Mode"** where you can select from the three options: Camera, Interface and Duet/Loop.
- These recording modes allow you to record **high quality audio** directly into an iPhone, iPad, Mac or PC over a USB connection to the amp. This audio can either include your built-in effects, or bypass them like a typical audio interface so that your recording software can add effects.

# Bluetooth Pairing.

- To pair your first device or re-link back to it, quickly **double-tap** knob 1.
- While in **Bluetooth** pairing mode, The Jamstack 2 will display a **blue colour** cycling through all 3 LEDs.
- To exit **Bluetooth** pairing mode, single-tap any knob.
- The next time your Jamstack 2 is powered on, it will automatically connect to previously-paired **Bluetooth** devices.
- Jamstack 2 can enter **pairing mode** while already paired to another device. Your JS2 allows you to have up to **5 devices connected**. When pairing to an additional device, you would need to close the active streaming app on your device before **triple-tapping** knob 1 on the JS2 to enter **pairing mode**.
- When a streaming app is connected and playing through your Jamstack 2, a double-tap on knob 1 moves the stream **one track forward** and triple-tap on knob 1 moves it one track back.



# Setting Up Your Instrument.

## The Jamstack 2

- To set the preamp gain level (which your JS2 unit will keep programmed), **push and turn knob 2**. You're at the right level when you play hard and the LED indicator reaches **yellow** (but not **red** - this indicates that the input level is clipping!)

## Mixing Volumes

- To adjust the **volume of your instrument** after you've set your preamp gain level (see above), **turn knob 2**.
- Once you have the **mix you like**, you can control the **master volume** by adjusting **knob 1**.



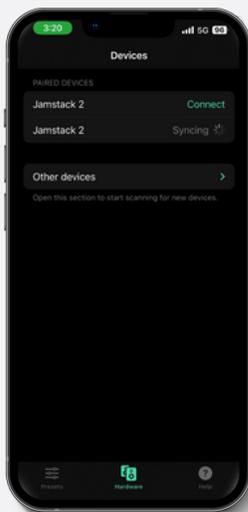
# Installing the Guitar Bracket.



- The **guitar bracket** allows you to **mount** the Jamstack 2 amp directly onto the body of your guitar.
- To do this, unscrew the **strap button** from your guitar.
- Then **loosen** each of the 4 corner screws on the guitar bracket, using the hex key supplied.
- Align the **bracket** ovetop of the **strap button hole**, so that the centre hole of the bracket is in line with the hole on the guitar.
- Place the **strap button** back on the guitar using the original screw you removed, or the screw provided, if you need a longer one.
- We recommend using the longer screw here if you plan on **using a strap** and playing standing up.
- Once the **strap button** is back on and securely in place, squeeze the bracket so that the back of it is flush with the back of your guitar.
- Then, tighten each of the four corner screws on the guitar bracket, using the **hex key** provided.
- Then, place the Jamstack 2 on to the strap button and twist **90 degrees** into place until you hear a click.

\*note: when in attachment mode high gain effects with sensitive pickups may cause feedback but the Noise Gate can help. [Learn more here.](#)

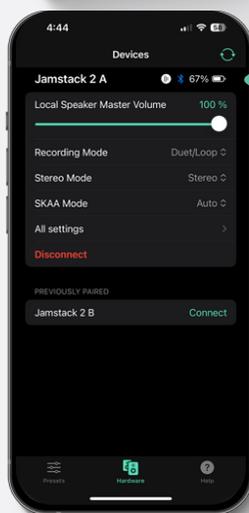
# Built in Effects & Control App.



## Connecting Your Jamstack

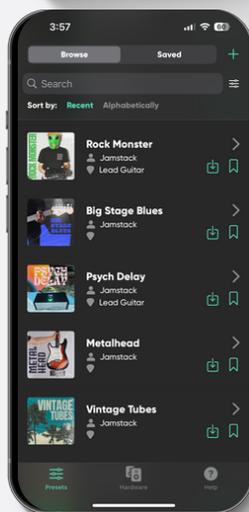
**\*iOS 16 or later is currently needed for the control app**

- To connect your control app to your Jamstack, make sure your **Bluetooth** is on on your phone.
- Navigate to the middle hardware tab and hit **"Connect"**.
- Once connected once, the next time you open the control app it will **connect automatically**. (You can turn this off in Settings).



## Quick Settings Screen

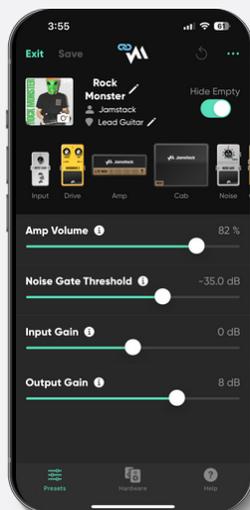
- Once **connected**, you can view your most **crucial settings** at a glance here. You can also make **quick changes** as well. To access the rest of your amps settings and saved preset slots, click **"All settings"**. At the top of the quick settings screen you will see information about the battery level, whether it is paired to Bluetooth, or acting as a receiver.



## Presets

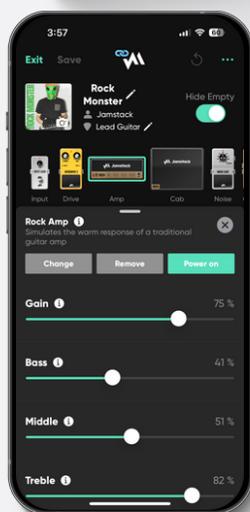
- On the **presets tab** is where you can browse **presets we have created** for you, as well as the ones **you have created** or altered and saved yourself.
- When you click in on a **preset**, you will be able to **hear it in real time and the LED #3 will turn teal**.

# Built in Effects & Control App.



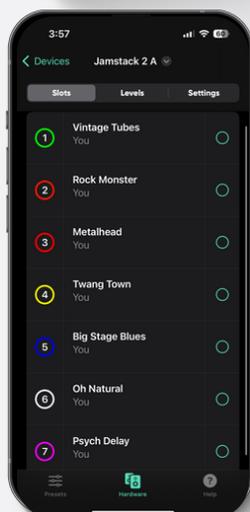
## Preset Home Screen

- Once inside a preset, you will be presented with the most **important sliders** such as **amp volume**, and **output gain**.
- You can also browse all the **effect slots** available to you and hit **"Hide Empty"** to clean up the view.



## Changing Effects

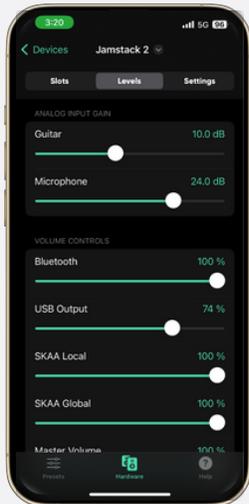
- To **edit a pedal or amp setting**, click on the item you want to edit, and use the **sliders** to adjust your settings. If you want to keep those changes, hit **"Save"**.
- At the **top**, you will see a **reset arrow** as well.



## Hardware Preset Slots

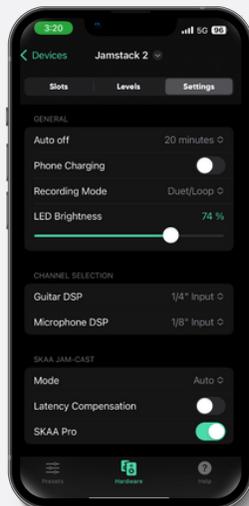
- Going back to the **hardware tab**, you can go to **"All Settings"** and check out the **presets** saved into your available slots.
- You can **long press** to replace with a different preset, or **click once** to **make small adjustments**.
- At the top you can **change the name** of your speaker by clicking the down arrow.

# Built in Effects & Control App.



## All Your Levels

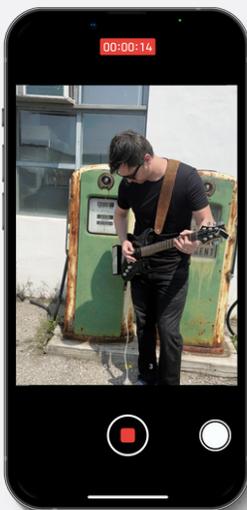
- We have also given you a **levels tab** so you can see all your important **volume levels** at a glance.



## Additional Settings

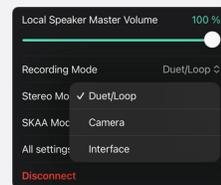
- Lastly, settings such as the **Auto Off timer**, **LED brightness** are available in the **"Settings"** menu.

# Recording Interface Modes.



## Camera

- Using your **iPhone camera**, record your effected **Jamstack guitar signal** directly into your **phone** while capturing video, with the high quality audio recording automatically syncing to the video for instant **creator content** with **no editing** and **no background noise**.



## Duet / Loop

- **Duet mode** functions similarly to Camera mode, except it is designed to facilitate **collaboration** on other apps like TikTok.
- Users can **record direct guitar audio**, captured in **parallel with video** right into their **smart phone**, and any sound being played through their phone is **muted**. A perfect example of a use case for this is collaborating on a **TikTok duet**.



## Interface

- Use the Jamstack 2 as an **audio interface** (with a great built-in **pre-amp**), and record a **dry direct guitar** signal directly into your favourite **DAW** like **GarageBand**, **Logic**, **ProTools**, or **Jamstack Online**.

# Recording Interface Modes.



## Duet / Loop Recording

- **Duet/Loop mode:** will record only the  $\frac{1}{4}$ " and  $\frac{1}{8}$ " inputs but **not any other audio** you may be listening to on the phone such as backing tracks. This is ideal for **looping**, so you only record the new track, and not what you did previously. It's also ideal for **"Duetting"** on **TikTok** or **"Remixing"** on **Instagram** to collaborate with other musicians.

- Make sure your USB-C cable is plugged into your Jamstack and the recording device
- For looping on iOS we recommend **Loopy Pro**.

- **For Duetting on TikTok:**

- Find a post you want to add onto
- Click: **share > duet**

Functions similarly to Camera mode, except it is designed to facilitate collaboration on other apps like TikTok.

Users can **record direct guitar audio**, captured in **parallel with video** right into their smart phone, and any sound being played through their phone is **muted**. A perfect example of a use case for this is collaborating on a **TikTok duet**.

- Choose your **desired layout**
- Click the **mic** icon to unmute your audio
- Hit **record**
- **Preview** your recording and hit the **speaker** icon to mix the levels to your liking
- Hit **next** and **post!**

- **For Remixing/Duetting on Instagram**

- Navigate to Reels and find someone you want to collaborate with
- Click the three dots on the right
- Click **remix>edit video> add clips>camera>expand** menu for more options
- Click layout and choose the layout you wish
- Navigate to Reels and find someone you want to collaborate with
- Click the **three dots** on the right
- Click layout and choose the layout you wish
- Hit **record**. You will be able to listen to the original track as you play your own. Make sure to **mix** the volumes so they're just right.
- Click **volume>** turn up your camera volume all the way (or mix to your liking)
- Hit **share** and you're done!

# Recording Interface Modes.



## Camera Mode

- Put simply, Camera mode records everything. All audio coming into your Jamstack 2 will be recorded into the USB device you're connected to. This is perfect for recording video along to backing tracks, hence the name "Camera" mode.

This means you no longer need to spend time syncing your audio and video after your performance, you can capture it all at the same time. This is supported by almost all video recording tools built-in to social media or the camera app on your phone.

This mode should not be used when looping, Dueting on TikTok or Remixing on Instagram because it will record all the previous audio, which the apps will then repeat again.

Note: if using your phone's camera app, to avoid your music pausing when you record video, follow these instructions:

- a. For the iOS Camera app, go to "Photo" hold the shutter button and swipe right, and it will start video recording and keep any music playing \*not yet supported for USB-C iOS devices\*
- b. For Android, start video as normal, and then swipe down to access your quick settings and then restart your music player

# Recording Interface Modes.

## Interface Mode

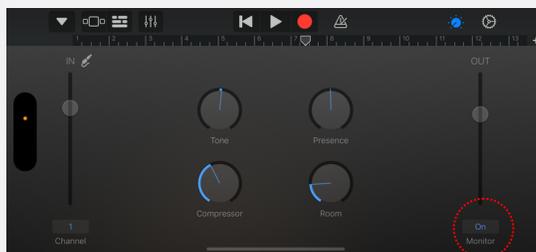


- Interface mode will bypass the Jamstack 2's built in effects chain and send clean raw audio into your device. This will work on iPhones, iPads, Android devices, Macs and PC's. The speaker will only monitor what is coming back over USB.

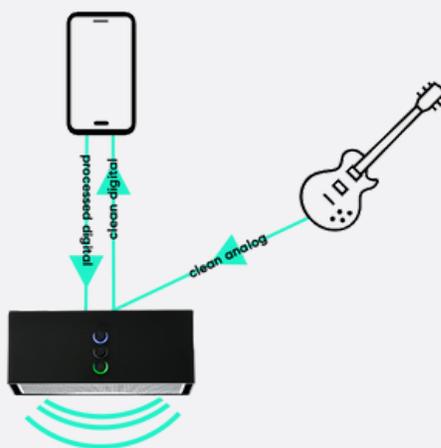
It's important to note that your instrument will not come out of the speakers unless you turn on monitoring on the software you're using.

Interface mode be used in several ways.

1. Recording your instrument into software such as Garageband. This will allow you to change your effects after you've recorded and tweak the sound as long as you like. Note the monitoring switch is on below.



2. Using effects from 3rd party apps like Tonebridge. This will mean your phone is acting as the effect engine. Here's a map of what's happening:



For our current list of compatible apps, [check out our list here.](#)

# Wireless - SKAA Jam Cast.

Jamstack Wireless Transmitters **are sold separately**



- **Dim amber** means its hunting for new unknown transmitters (you can force this with double click)
- **Dim green** means it is looking only for the last bonded transmitter
- **Solid colours** means **bonded** (green means its **saved**)
- **SKAA bond indicator LED** is off in **transmit mode**

The wireless will go into **standby** and then sleep modes to **save the battery**. In both cases you can simply **wake up** the wireless by **turning on your transmitter**. It just takes longer to wake up.

### Here's how that works:

By **default** the unit will **switch back and forth** between a transmitter and receiver by plugging in or removing something from the **1/4" Jack**. The cable will not effect the **SKAA state** if the unit is bonded to a receiver or transmitter.

Please refer to the **SKAA Receiver Users Guide** below for more specific details.



## SKAA® RECEIVER USER'S GUIDE

Each SKAA receiver uses a *Green List* to remember your *favourite* audio sources (SKAA transmitters). A Green glowing Indicator on your receiver means you are listening to a favourite, or hunting for one. You can also *explore* to find new transmitters—an Amber Indicator means you are *exploring* for transmitters which are not on your Green List. The  Bond Button on your receiver lets you select which audio source (SKAA transmitter) you're listening to.

### Essentials

 Button	Command	Indicator
Hold a few seconds	<u>Add / Delete</u> Manually add / delete the current transmitter to / from your Green List	 to  = Added  (flash) = Deleted
-	<u>Auto Add</u> SKAA will automatically add the current Amber transmitter to your Green List if you listen to it for 30 minutes	 to  = Added
1 Click	<u>Green Mode</u> Rotate through your list of <i>favourite</i> transmitters (Green List) — when a favourite transmitter is found, the search stops and audio plays from that transmitter	 (dim) = Hunting  (flash) = Next one  (bright) = Bonded
2 Clicks	<u>Amber Mode</u> <i>Explore</i> for new, unknown transmitters (ones which are not already on your Green List)	 (dim) = Hunting  (bright) = Bonded

### More Commands

 Button	Command	Indicator
3 Clicks	<u>Mute</u> do again to Unmute; any Click command will first Unmute and then do its function	 ,  or  = Muted (slow flash)
4 Clicks	<u>Red Mode</u> If you have 2 or more transmitters on your Green List, power on just the one you want to hear and it plays automatically.	 (dim) = Hunting  (bright) = Bonded
6 Clicks	<u>Factory Reset</u> Clear Green List. Start Over!	 (flash) = Reset Done
Hold during power on	<u>Make a Cluster of Receivers:</u> <ol style="list-style-type: none"> <li>1. Power off all transmitters and receivers</li> <li>2. Power on the Master receiver while holding down its Bond Button—hold the button down until the Indicator begins to flash Red</li> <li>3. With the remaining receivers within 3 meters of the Master receiver, power on the first one, wait for its Indicator to flash Red and then power on the second one; continue until all of them are powered on</li> <li>4. Once all of the Indicators stop flashing (turn solid Red), power off all of the receivers</li> </ol>	 (flash) = Receiver has entered 'Cluster Up' mode  (bright) = The Cluster has been successfully made

# SKAA Questions & Answers.

## QUESTIONS AND ANSWERS

Question	Answer
How does the Green List work?	You can store up to 10 SKAA transmitters on your Green List. These are your “favourite” audio sources. Every time you add a transmitter, it is assigned the first open spot on the Green List. When you single click the  Bond Button, the receiver hunts through the Green List much like a car radio hunts for radio stations when you press seek. If the Indicator is dim Green and flashes every few seconds, this tells you the receiver is hunting through the Green List. Say you have 5 transmitters on your Green List; your receiver will hunt through the list one by one: 1, 2, 3, 4, 5 and then back to 1 and so on. The dim Green Indicator flashes every time the receiver moves to the next spot on the list. This hunting goes on for up to 1 minute. If your receiver doesn't find any of your favourite transmitters, it stops hunting and just waits for the last bonded favourite. If your receiver does find one of your favourite transmitters, the hunting stops, the Indicator turns bright green, and your receiver starts playing audio from that favourite. A dim Green Indicator that is NOT flashing means the receiver is just sitting on one spot, waiting for a specific favourite transmitter to show up.
How do I bond with a specific Green transmitter?	Play audio from your source device and ensure it has a SKAA transmitter connected. Click the  Bond Button on your receiver. The receiver hunts through the Green List, flashing the Indicator as it goes. Once your receiver finds one of your favourite transmitters, it bonds to it and plays audio from that transmitter. If that isn't the transmitter you wanted, click the Bond Button once more. Repeat until your receiver bonds with the transmitter you want and you're hearing the correct audio playing.
How do I select transmitters if I can't reach my Bond Button?	Say you want to put your receiver on a high shelf where you can't reach the Bond Button easily. First, set up your Green List: add all of the transmitters you'll want to use. Then 4-click the  Bond Button to enter Red Mode. Now put the receiver up on the high shelf. Power on just one of your transmitters and power off all others. The receiver automatically bonds to the transmitter that's on.
How do I delete a transmitter from my Green List?	Factory Reset (6 Clicks of the Bond Button) clears the Green List and lets you start over from scratch. If however, you'd like to delete just one transmitter from your Green List, first bond your receiver to the transmitter you wish to delete. See the section above: <a href="#">How do I bond with a specific Green transmitter?</a> . Once you are bonded to it, hold down the  Bond Button for a few seconds until you see the Indicator flash Red –this Red flash means the transmitter has been deleted.
What is a Cluster?	Clusters are an optional convenience for “power users”. A Cluster is several SKAA receivers behaving as one product. A left & right speaker pair, for example, or a sound bar and subwoofer.
What is the Master receiver?	In any Cluster, there is a single Master receiver, and all of the other receivers in the Cluster follow its behaviour. You can control the entire Cluster by operating the  Bond Button of the Master. A receiver must have a physical Bond Button in order to become the Master.
How do I “uncluster” several receivers?	Do the <a href="#">Make a Cluster of Receivers</a> procedure once for each receiver, but omit Step 3. Do them one at a time. This gives each of the receivers a functioning  Bond Button, and each of them will thereafter operate independently.
What are some tips for making Clusters?	Each step in the Make a Cluster of Receivers procedure has a 10-second time limit. When you see the Master's Indicator start to flash Red, you have 10 seconds to power on the next receiver. When that receiver's Indicator starts to flash Red, you have 10 more seconds to power on the next one, and so on.
Why does only one of my Bond Buttons work?	When you make a Cluster from several receivers, the first one powered on in the Make a Cluster of Receivers procedure becomes the Master of the Cluster. Only the Master's  Bond Button works because a Cluster uses just one Green List –the Master's Green List. The Bond Button of each of the other receivers will work only for the Mute / Unmute function (3-Click of the Bond Button).
Can any group of receivers be made into a Cluster?	No. The receivers must be members of the same product family. If they are not, the Make a Cluster of Receivers procedure won't work. This is because only receivers which were designed to work together (as a single product) can be made into a Cluster.

# LED Behaviour.

The Jamstack 2's LED's will do their best to tell you when something has changed, connected, or disconnected to it. In general **Blue** is reserved for Bluetooth streaming, **Purple** for SKAA and **Light Blue** for the BLE app connection. If accompanied by a **Red** LED, that signifies disconnection.

Wakeup	Circles <b>white</b> through each LED
Shutdown	All lights immediately off
Bluetooth Paired	Two blinks on LED #1 <b>Blue</b>
Bluetooth Pairing Mode	Circles <b>Blue</b> through each LED
Bluetooth bond lost	Two simultaneous blinks on LED #1 <b>Blue</b> and LED #3 <b>Red</b>
SKAA State change (manual) into transmitter	3 on off, 2, on off, 1 on off, quickly, colour: <b>Purple</b>
SKAA State change (manual) in receiver	Single blink LED #1 <b>Purple</b>
Wireless transmitter bonded	Blinks on 3, 2, 1, and then double blink on all three: <b>Purple</b>
Wireless transmitter bond lost	3, 2, 1, <b>Purple</b> (on and off), and then double blink <b>Red</b> on all three
Wireless receiver bonded	Two blink on LED #1 <b>Purple</b>
Wireless receiver bond lost	Two simultaneous blinks on both LED #1 <b>Purple</b> and #3 <b>Red</b>
Effect 'save'	Double blinks selected effect preset colour LED #3
Charging	LED #1 pulses battery level colour, solid <b>Green</b> at 100%
Control app connected	Two blinks on LED #1 <b>Light Blue</b>
Control app disconnected	Two simultaneous blinks on LED #1 <b>Light Blue</b> and LED #3 <b>Red</b>

# Tips & Tricks.

## Unleash your musical genius with your Jamstack 2 smart amp.

- For a **captivating video**, experiment with the **camera mode** on your phone.
- Add **backing tracks** and guitar with the **Jamstack Control App**, layering your music to create a **rich, dynamic** sound with looping (we recommend Loopy Pro).
- Elevate your party where up to **five devices** take turns **DJing**, exploring diverse playlists and sharing the love of music.
- Amplify the groove by inviting a bass player to join the ensemble, taking advantage of the **versatile connectivity**.
- To fine-tune your **sonic signature**, craft a **unique effect preset** tailored to your style and save it on your Jamstack 2 for instant access and a **personalized touch** to your set-up.



# Trouble Shooting.

## The knobs have become unresponsive

Using a straightened paper clip, press the reset pin just above and to the right of the USB-C port on the back of the speaker

## I can't get my speaker to charge

If your unit has full drained, and then been left for some time, especially in the cold, this can push the battery into a protection mode, leave it to charge overnight and it should be right back to normal. You may also want to try another cable to make sure that isn't the source of the issue.

## I can't get my phone to connect to the app

1. Make sure your phone has Bluetooth turned on in settings
2. In the control app, long press in any previously connected speakers and hit "forget"
3. Look for "Other devices" and re-connect to your speaker

## My guitar effects are creating feedback and or a noisy signal

If you have added effects that increase the gain of your signal, noise will inevitably be generated. To fix this, add a Noise Gate to your effects chain. Increase the threshold amount until the noise goes away when not playing. There are more tips and tricks on our support articles at [www.jamstack.io/support](http://www.jamstack.io/support).

## I can't hear my guitar

1. Make sure you're not in "interface mode". In the control app go to the Hardware tab>Recording mode>Duet/loop
2. If possible, check your guitar and cable are ok by plugging it into something else.
3. Make sure the first and second knobs are turned all the way up.
4. In the control app, connect your device and go to the hardware tab
5. On the control app's hardware, once connected to your amp, go to "All Settings" > "Levels" and make sure all the levels are turned up
6. Go to the "Presets" tab and make sure your "Amp Volume", "Input" and "Output Gains" are all up and that your "Noise gate threshold" isn't too high

## I can't see the LED's outside

1. In the control app, connect your device and go to the hardware tab
2. Navigate to "All Settings" > "Settings"
3. Here you can increase your LED's brightness

## I want to reset all of my effects to factory settings

While holding down knob #2, quickly triple press knob #3. After disconnecting from the control app and reconnecting, you should see all the original presets come back.

Visit our support page at [jamstack.io](http://jamstack.io) and click **"support"** or email [support@jamstack.io](mailto:support@jamstack.io) for further assistance.

# Optional Accessories.

## Wireless Transmitter



- Go wireless with the Jamstack 2 guitar transmitter. Play your guitar completely wirelessly at distances beyond 100 feet. You also have the option to transmit to up to two Jamstack 2 units simultaneously, to create an immersive stereo experience.

## Jam-Cans Wireless\*



- Ultra low latency headphones, connect seamlessly with the Jamstack 2's built-in receiver (or directly from the guitar transmitter). This is the first time an amplifier has supported jamming with wireless headphones. They are also incredible for listening to TV with no delay (with TV Transmitter) or walking around your entire house and not losing signal, with a range 5x that of normal Bluetooth.
- Compatible with any SKAA transmitter (not Bluetooth compatible)

## 3.5mm Wireless SKAA Receiver



- Turn any sound system in a full modeling amp using this analog receiver. For example, as soon as you walk into your living room, your Jamstack 2 will start mirroring its audio wirelessly to your home audio system.

## 3.5mm Wireless SKAA Transmitter



- Take audio from any analog source, such as a video game console or record player and transmit it wirelessly with ultra low latency. Works with the Jamstack 2 amplifier, headphones, and the 3.5mm receiver.

## Optical (TV) SKAA Transmitter



- Use this ultra low latency optical transmitter to connect wirelessly to the Jamstack 2 from your optical audio source (such as most TVs). Connect to up to 4 receivers simultaneously. No pairing needed.
- Also works with the Jamstack wireless headphones so you don't disturb anyone in your household. A much cleaner solution to the usual wireless TV headphones.

## Wall Mount



- This sleek wall mount allows you to snap your Jamstack 2 in and out easily. Quickly turn your home into a fully wireless surround sound system for both guitar and home audio.

## Tube Mount



- Securely attach your Jamstack 2 to anything tube like! This could be your bicycle, mic stand, scaffolding... you name it.

## Extra Guitar Mount



- Got more than 1 guitar?
- Grab an extra mount for each of your electric guitars, so you can easily attached your Jamstack 2 to whichever axe calls your name.
- These super sturdy mounts attach in under a minute. Just grab a screwdriver, fasten the mount under the strap peg, and you're ready to jam.

## Roll Cage



- Want to travel to gigs, to a friend's house, or simply protect it? Add this Roll Cage for added durability when you aren't using your Jamstack 2.

## Jam-Stand\*\*

- Store your guitar with this slick metal tripod stand made to hold your guitar with a Jamstack 2 attached. Made with enough ground clearance to hold both your guitar and your Jamstack 2.



## Hand Crafted Wooden Guitar Stand\*\*

- This gorgeous handcrafted guitar stand will go perfectly in any area in your home. Classy, strong, trusted, with impeccable fit and finish. The stand works with almost all guitars (acoustic and electric), but please review the Y-Hook dimensions to ensure it works with your instrument. Because it suspends your guitar in the air, you can leave your Jamstack on your guitar, making setup time virtually non-existent.



\*\*NOTE: NOT for use with nitrocellulose finishes without any contact points first being wrapped in cotton or felt. Any hanging guitar stand not specifically treated for nitro finishes has a high chance of damaging your guitar. We recommend you refer to your instrument's owner's manual for more information regarding the proper storage of your instrument.

# Safety.

## Important Safety Instructions:

- To reset the entire system, and return to all the default presets, hold knob 2 down, whilst triple clicking knob 3.
- The SKAA Compatible Badge found on the Product certifies that this Product has been tested and is fully compliant with all of the requirements of the SKAA Standard and has been granted SKAA Certification. This Product will work seamlessly with other products in the SKAA ecosystem of audio transmitting and receiving devices. For more information on the SKAA Standard, please visit [www.SKAA.com](http://www.SKAA.com). The SKAA® name as well as its associated marks, logos and icons are trademarks or registered trademarks of Eleven Engineering Incorporated.
- If your unit has been dead for a long time, unplug the charger for a minute, then charge over night.
- **Caution:** To reduce the risk of electric shock, do not dismantle the apparatus. There are no user serviceable parts inside. Refer servicing to qualified personnel.

**CAUTION | RISK OF ELECTRIC SHOCK | DO NOT OPEN**



# Safety.

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1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use the product near water, bathtubs, sinks, saunas, pools or steam rooms
6. Clean only with a dry cloth.
7. Do not block any ventilation openings.
8. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarised or grounding-type plug. A polarised plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into our outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Unplug the apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
14. **Warning:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. Objects containing liquids, such as vases, should not be placed on this apparatus.
15. In cases where the apparatus is not provided with a switch to disconnect it from the AC mains power supply, disconnect the apparatus fully by switching the mains wall outlet or removing the power plug from the receptacle. The mains power outlet and plug must remain accessible at all times.

Note: A standby switch does not disconnect the apparatus from the power supply.

# Safety.

- 16.** Apparatus with Class I construction must only be connected to a power outlet having a protective earthing (grounding) connection. Apparatus marked with the double insulated symbol does not require an earthing connection.
- 17.** Some products are intended for sale in more than one country and are supplied with more than one power cable. Use only the type applicable to your location.
- 18.** Ensure the surface for placement is secure and will support the weight of the product.
- 19.** Vibrations may cause objects to move, ensure loose objects are not at risk of falling/ causing damage.
- 20.** This product is only designed to work at an ambient temperature of up to 45C.
- 21.** Ensure that the wall socket is near the equipment and easily accessible.
- 22.** Only use the charging adapter and cable provided to charge this product.
- 23.** The product's power supply must only be used indoors. It has NOT been designed for use outdoors, on boats, or recreational vehicles.
- 24.** To reduce the risk of fire or electric shock, do not expose the product to rain or moisture.
- 25.** This product contains Lithium-Ion batteries. If misused or damaged this can become a hazard and is a risk of explosion.
- 26.** Do not handle the product should the battery leak.
- 27.** Do not incinerate the product. The internal battery could explode causing injury or death.
- 28.** Do not attempt to access or replace the product's battery. The battery is internal and not user serviceable.
- 29.** Refer to the product manual for information on battery care.
- 30.** Turn off the product before boarding aircraft.
- 31.** Do not position or store the product or accessories on or near a vehicle air bag. Should the airbag explode there is a risk of injury.
- 32.** Dispose of this product in accordance with local regulations. This product must not be disposed of with regular household waste.
- 33.** Do not allow children to use this product without supervision.

# Safety.

- Federal Communication Commission Interference Statement
- This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
  - Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help.

## **Caution:**

- Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.
- Labelling requirements
- This device complies with Part 15 of the FCC Rules.
- Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- RF exposure warning
- This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

# Safety.

- Canada, Industry Canada (IC) Notices
- This Class B digital apparatus complies with Canadian ICES-003 and RSS-210. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
- Radio Frequency (RF) Exposure Information
- The radiated output power of the Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.
- This device has also been evaluated and shown compliant with the IC RF Exposure limits under mobile exposure conditions. (antennas are greater than 20cm from a person's body).

## **Warranty Information**

- Jamstack products are designed and manufactured to the highest quality standards. However, if something does go wrong with the product, Jamstack Inc. and its national distributors warrant free of charge labour (exclusion may apply) and replacement parts in any country served by an official Jamstack distributor.
- This warranty complements any national or regional law obligations of dealers or national distributors and does not affect your statutory rights as a customer. Some regional legal obligations outside the control of Jamstack Inc. may reduce the scope or time of the terms outlined below. In particular:
  - Please contact the relevant national distributor for details.
- Terms and Conditions
- This warranty:
  - 1 is valid only for products purchased from an authorised Jamstack retailer or dealer.
  - 2 is valid from the date of purchase for a period of one year. Please consult the Jamstack distributor in your country for detailed information.

# Safety.

- 3 is limited to the repair of the equipment. Neither transportation, nor any other costs, nor any risk for removal, transportation and installation of products is covered by this warranty.
- 4 is only valid for the original owner. It is not transferable.
- 5 will not be applicable in cases other than defects in materials and/or workmanship at the time of purchase and will not be applicable:
  - a) for deterioration of component parts, the nature of which is to become worn or depleted with use, such as batteries and headphone ear pads.
  - b) for damages caused by incorrect installation, connection or packing.
  - c) for damages caused by any use other than correct use described in the user manual, negligence, modifications, or use of parts that are not made or authorised by Jamstack Inc.
  - d) for damages caused by faulty or unsuitable ancillary equipment.
  - e) for damages caused by accidents, lightning, water, fire heat, war, public disturbances or any other cause beyond the reasonable control of Jamstack Inc. and its appointed distributors.
  - f) for products whose serial number has been altered, deleted, removed or made illegible.
  - g) if repairs or modifications have been executed by an unauthorised person.
- How to claim repairs under warranty
- Should you have any concerns regarding the performance of your product, please use the following procedure:
  - 1 You can find all contact details by clicking on 'Contact' on our website.
  - 2 Our representative will discuss your concerns. If it is found necessary to return the product for repair, you may be given a Return Merchandise Authorisation. You should not return the product without this authorisation, if given.
- To validate your warranty, you will need to produce the original sales invoice or other proof of ownership and date of purchase.

# Safety.

- Environmental Information
- This product complies with international directives, including but not limited to:
  - i. the Registration, Evaluation, Authorisation and restriction of Chemicals (REACH)
  - ii. the disposal of Waste Electrical and Electronic Equipment (WEEE).
- Consult your local waste disposal authority for guidance on how properly to recycle or dispose of this product.
- Complies with IDA standards DA106049



The SKAA Compatible Badge found on the Product certifies that this Product has been tested and is fully compliant with all of the requirements of the SKAA Standard and has been granted SKAA Certification. This Product will work seamlessly with other products in the SKAA ecosystem of audio transmitting and DO5501 page of 15 8 Confidential Information receiving devices. For more information on the SKAA Standard, please visit [www.SKAA.com](http://www.SKAA.com). The SKAA® name as well as its associated marks, logos and icons are trademarks or registered trademarks of Eleven Engineering Incorporated.

Go Play!



**Jamstack**