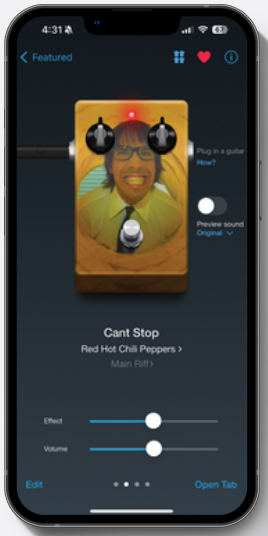
Recording Interface Modes.



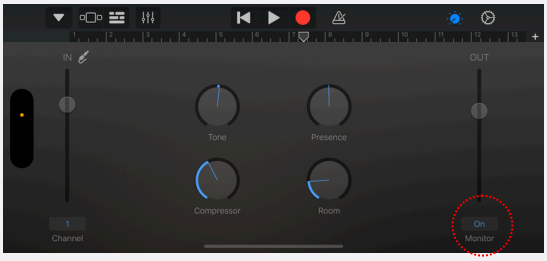
Interface Mode

- 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.

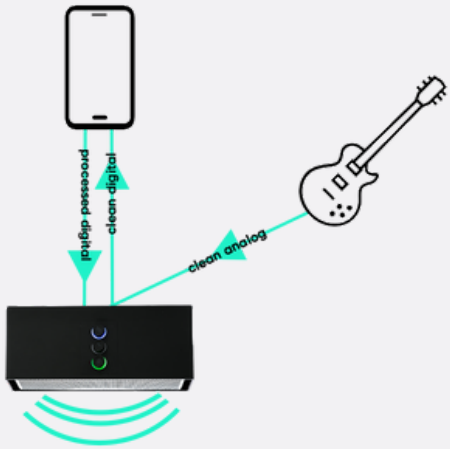
It's important to note that your instrument will not come out of the speakers unless you turn on monitoring on the software you're using.

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 a 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 t**urning 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 **¼" 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	Add / Delete Manually add / delete the current transmitter to / from your Green List	🟡 to 🟢 = Added 🔴 (flash) = Deleted
-	Auto Add SKAA will automatically add the current Amber transmitter to your Green List if you listen to it for 30 minutes	🟡 to 🟢 = Added
1 Click	Green Mode Rotate through your list of *favourite* 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	Amber Mode *Explore* for new, unknown transmitters (ones which are not already on your Green List)	🟡 (dim) = Hunting 🟡 (bright) = Bonded

More Commands

◁▶ *Button*	*Command*	*Indicator*
3 Clicks	Mute do again to Unmute; any Click command will first Unmute and then do its function	🟡, 🟢 or 🔴 = Muted (slow flash)
4 Clicks	Red Mode 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	Factory Reset Clear Green List. Start Over!	🔴 (flash) = Reset Done
Hold during power on	Make a Cluster of Receivers: 1. Power off all transmitters and receivers 2. Power on the Master receiver while holding down its Bond Button—hold the button down until the Indicator begins to flash Red 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 4. Once all of the Indicators stop flashing (turn solid Red), power off all of the receivers	🔴 (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: How do I bond with a specific Green transmitter?. 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 Make a Cluster of Receivers 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 **white** through each LED
Shutdown	All lights immediately off
Bluetooth Paired	Two blinks on LED #1 **Blue**
Bluetooth Pairing Mode	Circles **Blue** through each LED
Bluetooth bond lost	Two simultaneous blinks on LED #1 **Blue** and LED #3 **Red**
SKAA State change (manual) into transmitter	3 on off, 2, on off, 1 on off, quickly, colour: **Purple**
SKAA State change (manual) in receiver	Single blink LED #1 **Purple**
Wireless transmitter bonded	Blinks on 3, 2, 1, and then double blink on all three: **Purple**
Wireless transmitter bond lost	3, 2, 1, **Purple** (on and off), and then double blink **Red** on all three
Wireless receiver bonded	Two blink on LED #1 **Purple**
Wireless receiver bond lost	Two simultaneous blinks on both LED #1 **Purple** and #3 **Red**
Effect 'save'	Double blinks selected effect preset colour LED #3
Charging	LED #1 pulses battery level colour, solid **Green** at 100%
Control app connected	Two blinks on LED #1 **Light Blue**
Control app disconnected	Two simultaneous blinks on LED #1 **Light Blue** and LED #3 Red

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.

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 and** click **"support"** or email **support@jamstack.io** for further assistance.

Optional Accessories.

**Coming soon

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. 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.

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 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.

  (0) This device must accept any interference received, including interference that may cause undesired operation.

  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.

  Radio Frequency (RF) Exposure Information

  This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.

  ISED Regulatory Statements:

  This device complies with ISED Canada license-exempt transmitter standard RSS-247. 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.

Safety.

- Cet appareil est conforme à la norme d'émetteur sans licence RSS-247 d'ISDE Canada. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

  CAN ICES-003 (B)/NMB-003(B)

- RF Exposure Information
- This equipment complies with ISED RSS-102 radiation exposure limits set forth for an uncontrolled environment.
- Cet équipement est conforme avec ISED RSS-102 des limites d'exposition aux rayonnements définies pour un environnement non contrôlé.

Safety.

- **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.
- 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.

Safety.

- 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.
- 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. The SKAA® name as well as its associated marks, logos and icons are trademarks or registered trademarks of Eleven Engineering Incorporated.

Go Play!

Jamstack