ARTIPHON
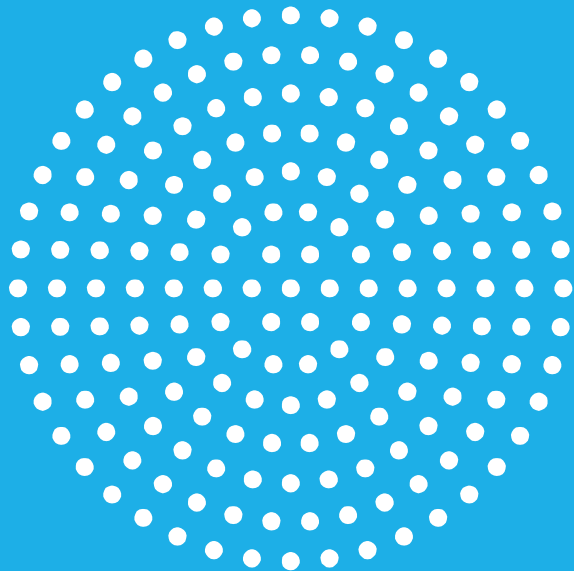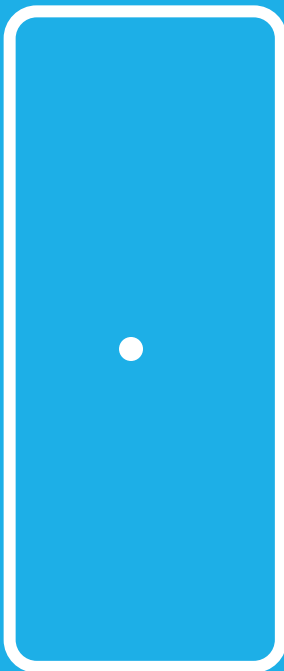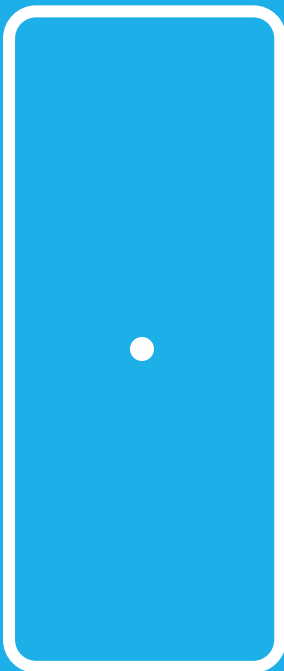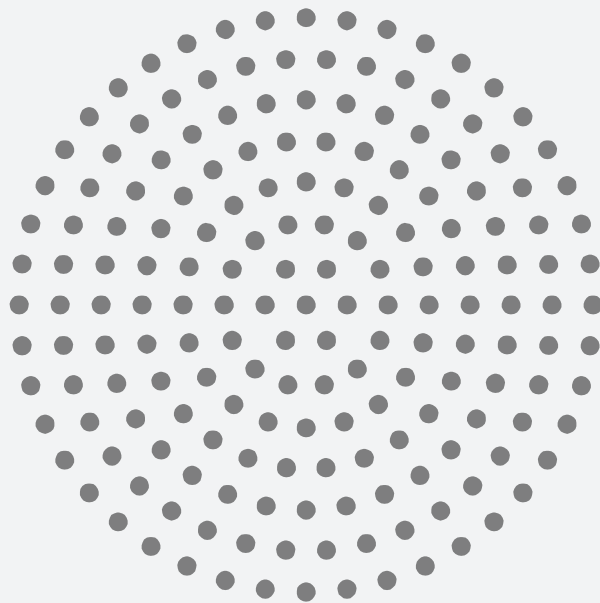
CHORDA

USER MANUAL

V1.0.2

Welcome!

Thank you for choosing Chorda to accompany you on your musical journey! We're excited for you to discover the limitless possibilities that Chorda offers. Whether you're creating loops on your daily subway commute, unleashing gestural synth magic at your next gig, or integrating Chorda into your DAW to craft your next studio hit, the opportunities are boundless.

As you start playing your instrument, you may encounter some questions. Perhaps you're wondering how to activate or deactivate the arpeggiator, eager to understand the meaning behind the mesmerizing flashing lights, or simply looking to adjust the volume to your liking. Whatever your inquiries may be, you've come to the right place — the official Chorda User Manual.

Here, you'll find all the guidance you need to unlock the full potential of your new instrument and make the most of your musical exploration. So let's dive in and learn everything there is to know about Chorda!

CHORDA BASICS

Power

Charging Chorda

Chorda can be charged from any power-charging USB port with the included USB-C cable. Chorda remains fully functional while charging, so you can keep playing even while you're juicing up.

Charging Indicators

When you connect your Chorda to a power source, the LED next to the USB-C port will blink. This signifies that Chorda is actively charging.

Blinking Green
Charging

Solid Green
Fully-Charged

Light Off
Not Charging
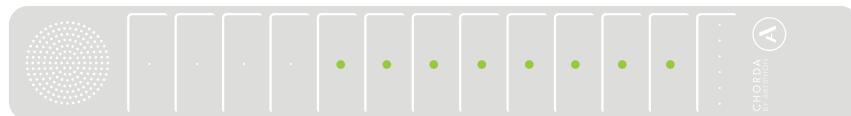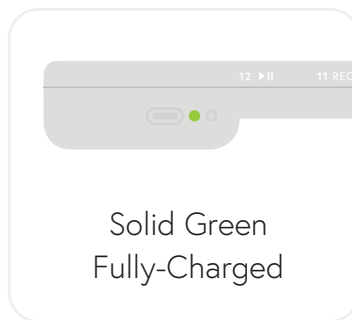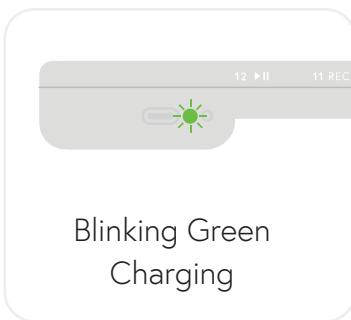
Quickly pushing the power button illuminates the fingerboard, revealing Chorda's current power level.

Panel and Controls

Headphone/
Aux Out

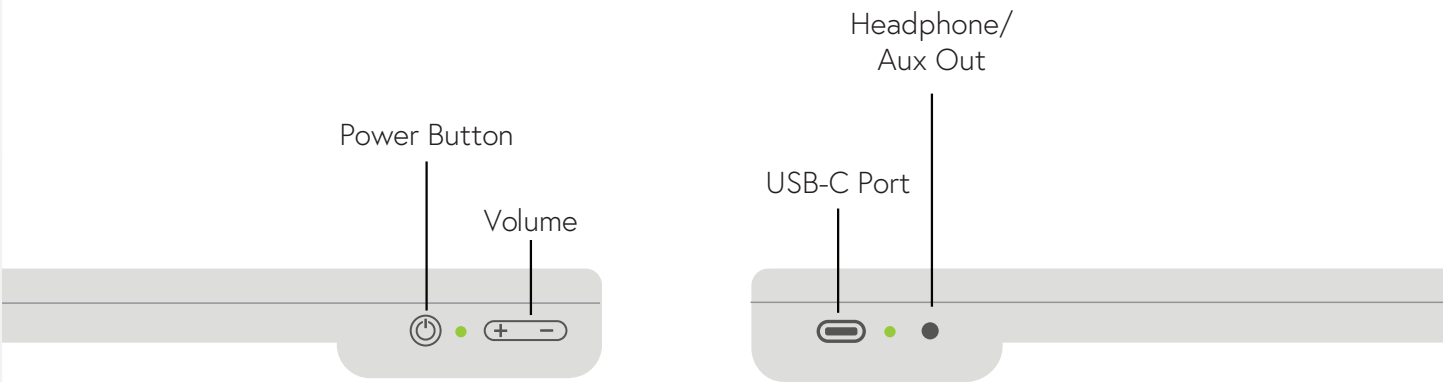Power Button

USB-C Port

Volume

Volume button	Increase and decrease the volume of Chorda's speaker or headphone output.
Power button	To turn Chorda on or off, press and hold the power button for more than one second. During startup, Chorda will flash blue, then red, then green. Pressing the power button for less than one second reveals your Chorda's current battery level.
USB-C Port	Charge Chorda's built-in battery and connect your external hardware devices with the included USB cable.
Headphone/aux out	1/8" audio output for headphones, speakers, or amplifiers.
Speaker	3W active speaker system.

The (A) Button

Pressing the (A) button once will sequentially cycle through each of the four main modes. But *holding* the (A) button turns it into a versatile function or menu button, akin to the shift key on a computer. When you need to access the different features written along the binding of Chorda (like Record, Play, BPM, Octave), you'll use the (A) button to do so.

Switch to the next modes

Start in Lead mode and press the (A) button once. Now you're in Drum

TAP

Jump to a new mode

Hold (A), and tap Pad 4 (Chord). No matter where you've started, you've "jumped" to Chord mode!
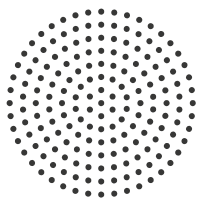
HOLD   +   **3** CHORD

TAP

Functions

1. DRUM

DRUM MODE
Each pad is a different part of a drum kit.

2. BASS

BASS MODE
A monophonic major scale.

3. CHORD

CHORD MODE
One-finger chords, all tuned to the same key.

4. LEAD

LEAD MODE
A pentatonic scale.

5. OCT

CHANGE OCTAVE
Press (A) + Octave to enable Octave Change. Tap up on the bridge (4-6) or down (1-3) to change your octave up.

6. ARP

ARPEGGIATOR ON/OFF
Press A + Arp to turn on and off the arpeggiator.

7. BPM

BEATS PER MINUTE (BPM)
Hold (A), then tap your desired tempo to speed up or slow down your song.

8. KEY

KEY CHANGE
Press (A) + Key, then tap up on the bridge (4-6) or down on the bridge (1-3) to change your key up or down.

9. SONG

SONG SELECTION
Songs are automatically saved, and the Song menu lets you cycle between them with the < > arrows.

10. CLEAR

CLEAR LOOPS + SONGS
Hold (A) + Clear for about one second to erase the music you recorded on your current part.
A two second hold will seconds to erase a single part, and a four second-hold will erase all loops.

11. REC

RECORD/STOP RECORDING
Press (A) + Record to begin recording a loop. Chorda won't start recording until you play your first note.
Press again to stop recording, which will close the loop, but continue playing from the start.

12. ▶ ‖

PLAY/PAUSE
Press (A) + Play or pause your creation without having to record.
This is also how you'll stop the looper after you've started recording.

Function Cheat Sheet

Function	Combination
Switch to Drum	A + Pad 1 (DRUM)
Switch to Bass	A + Pad 2 (BASS)
Switch to Chord	A + Pad 3 (CHORD)
Switch to Lead	A + Pad 4 (LEAD)
Change Preset	While holding A, press Pad 1-4 then press Bridge up or down to change to the next or previous preset for that Mode.
Change Song	While holding A, press Pad 9 (SONG) then press Bridge up or down to change to the next or previous Song.
Toggle Arp on/off	A + Pad 6 (ARP)
Record	A + Pad 11 (REC)
Close a loop after-recording	A
Stop recording	A + Pad 11 (REC)
Play/pause loop	A + Pad 12 (Play/Pause)
Restart playback from beginning of loop	Hold A + Pad 12 (Play/Pause) for 2 seconds.
Clear the loop on the current mode	Hold + Pad 10 (CLEAR) for 2 seconds.
Clear all loops	Hold + Pad 10 (CLEAR) for 4 seconds.
Change BPM	While holding A, press Pad 7 (BPM) then press Bridge up or down to adjust tempo. Or tap out your tempo by holding A and tapping Pad 7 (BPM).
Octave up	While holding A, press Pad 5 (OCT) then press Bridge up.
Octave down	While holding A, press Pad 5 (OCT) then press Bridge down.
Change volume of selected part	While holding A, volume up or down.

MODES

DRUMS

In Drum mode, Pad 1 generally produces a kick sound, and Pad 2 typically produces a snare sound. However, various presets offer unique sounds for each pad. Explore all 12 pads to discover the diverse sounds available.
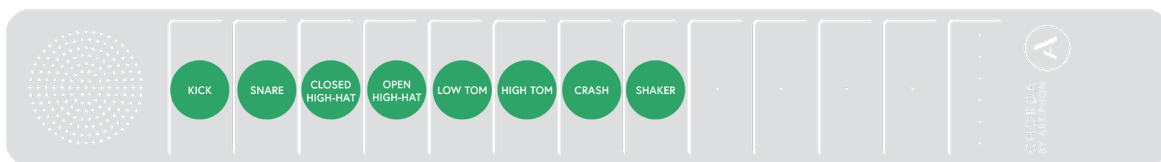
The drums are responsive to velocity, meaning they react to the intensity of your taps. This mimics the way a traditional drum's tone and volume change with harder or softer hits. Additionally, the sounds are affecetd by how long you keep your finger on each pad. Experiment by holding your finger on a cymbal to shorten the sound or tapping and quickly releasing on a tom for a prolonged decay.

Strumming the bridge or tapping on individual bridge triggers repeats the last sound played on the pads. This feature makes it easy to create drum rolls and add rhythmic embellishments to your performance.

Try switching drum sounds:

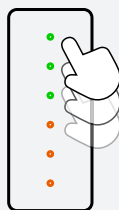Hold the A button, tap Pad 1 - Drum, tap up or down on the bridge, then release the A button.


HOLD   +   **1** DRUM   +

TAP

TAP

MODES

BASS

Chorda's Bass mode is monophonic, meaning only the most recent note plays at a given time (this is called "last-note priority" in synth-speak). In the default Chorda Song, Bass Mode is tuned to a C major diatonic scale.

The Bridge gives you access to six different intervals based on the root chord of the pad being pressed. Hold down a pad and strum the Bridge to fire off an arpeggio or press individual triggers to add complexity and nuance to your bassline.
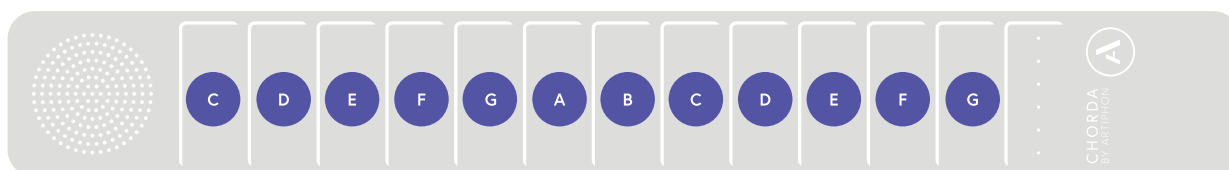
MODES

CHORD

In Chord mode, each of Chorda's pads triggers multiple notes simultaneously to form a chord, always tuned to the key of the song.
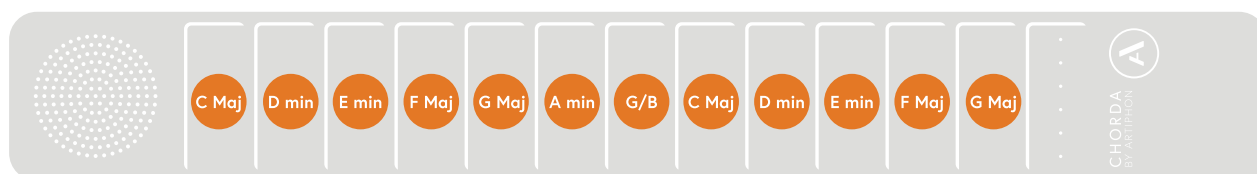

Chords are a fun way to explore song structures, creating new ideas quickly. Like Bass, Chord mode is very responsive to Chorda's gestures like Tilt and Radiate. While pressing a pad plays all notes in a chord simultaneously, you can press individual bridge triggers to play individual notes.

MODES

LEAD

Lead is a polyphonic mode (meaning you can play multiple notes simultaneously). By default, the pads are tuned to a C Pentatonic Major scale. Every note you play on Chorda is always in the right key, so don't be afraid to let loose and experiment — you'll always sound great.

The bridge triggers in Lead mode automatically load a chord based on the pad you're currently pressing. This lets you introduce harmonies, arpeggios, and even full chord strums to your Lead performance.
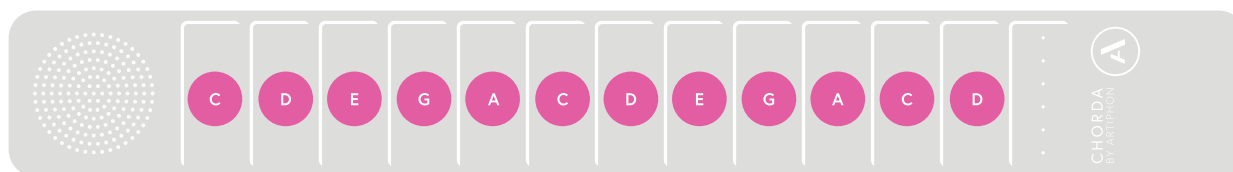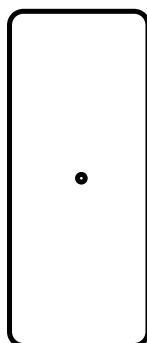
Presets

A preset is a combination of your synth, samples, tuning, gestures, and effects. There are dozens of presets in each of the four modes: Drum, Bass, Chord, and Lead.

Some presets are based on traditional insturments, like electric pianos, and vibraphones. Others are more experimental, like abstract synth sounds and meditative pads.
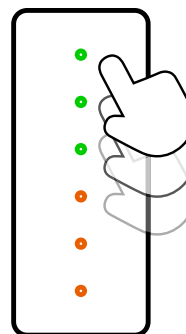
Changing Presets without the App

To change Preset, hold the A button, press the Pad of the Mode you'd like to change the Preset for, press Bridge up or down, then release the A button.

1. Press the A button

2. Press Drum, Bass, Chord, or Lead – whichever mode you're in.

3. Slide up or down on the bridge.

BASS

Changing Presets with the App

Using the Artiphon Connect app, you can browse all of the presets available. See the Artiphon Connect App section for more.
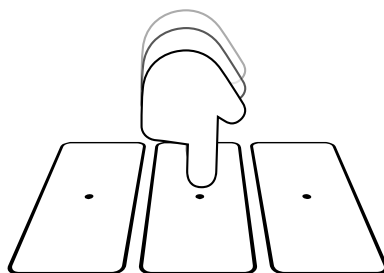
Gestures

Touch Gestures

Tap

Tap your finger on a Pad or on the Bridge. Chorda is velocity-sensitive, so the harder you Tap, the louder the sound. Sometimes, velocity controls other sound parameters, too, like filter cutoff.
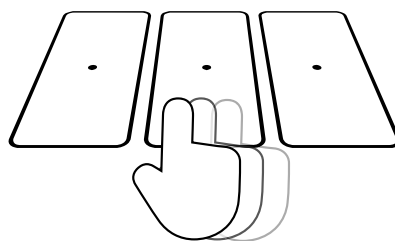
MIDI Message: Note On/Off

Vibrato

Press and wiggle your finger horizontally any pad. Vibrato produces a change in pitch. The range of pitch can be adjusted with the Pitch Bend Scaling setting in the Artiphon Connect App.

MIDI Message: Pitch Bend

Press

Tap and hold your finger on a pad with varying levels of intensity. Unlike Tap, which responds to how hard to tap, Press is engaged by adjusting the surface area your finger covers. The more you spread your finger, the more Press is activated. Applying sustained pressure while pressing can modulate effects on Chorda's synth.
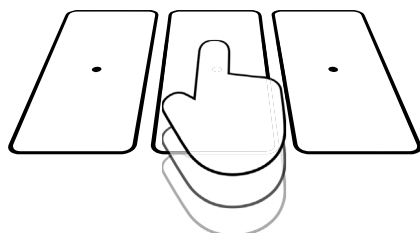
MIDI Message: Channel Pressure
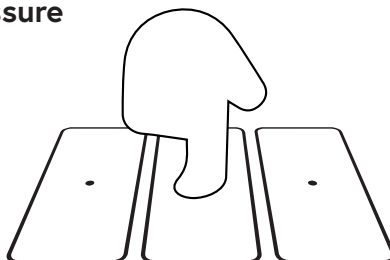
Radiate

Press and move your finger across a Pad (width-wise across Chorda's body). Radiate lets you morph the sound in different ways, so always try it out when loading a new Preset. When using it with Chorda's internal synthesizer it may be affecting volume, envelopes, or others effects.
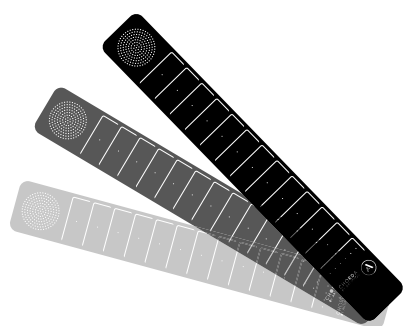
MIDI Message: CC#74 (Brightness)

Motion Gestures

Tilt

Tilt Chorda horizontally or vertically to enhance your sound with effects. Tilt serves as Chorda's equivalent of the mod wheel found on traditional synthesizers. Given that the Mod Wheel is a widely used MIDI effect, Tilt automatically integrates with most software synths and apps.

MIDI Message: CC #1 (Mod Wheel)

Tilt in guitar position   Tilt in tabletop position

Tilt works differently whether Chorda is flat on a table, or held like a guitar. In the tabletop position, a forward "roll" where the play surface moves away from you will engage the Tilt effect. In guitar, an up and down motion, where the speaker is raised and lowered, engages the same effect.

Move

Move Chorda in space to modulate sounds and effects. This gesture requires mapping in the DAW of your choice, like Logic Pro or Ableton Live.

MIDI Message: CC #113

Shake

Shake Chorda back and forth. This gesture only works in Drum mode.

MIDI Message: MIDI note 69 and CC#2

Bump

Tap Chorda on its side. This gesture only works in Drum mode.

MIDI Message: MIDI note 39

THE ARTIPHON CONNECT APP

The Artiphon Connect App

The Artiphon Connect App allows you to take your Chorda (and Orba 2) playing even further. With it, you can customize your instrument in a variety of ways, including:

- Changing Chorda's key and tempo
- Browse the full library of presets
- Update firmware, ensuring you've got the latest and greatest features enabled on your instrument.
- Use on-screen UI elements, instead of the on-device functions. This is especially helpful for many people with limited dexterity.
- Add and modify effects like reverb and delay
- Save your songs, and share them with friends

The Artiphon Connect app is available at artiphon.com/downloads.

Connecting

Connecting via USB

We recommend a cabled connection for your first time using the app, as firmware gets updated regularly.
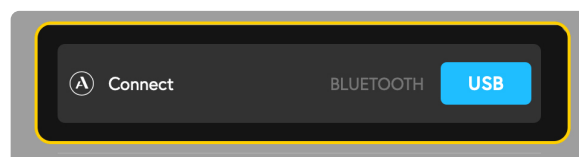
1. To connect via USB: connect Chorda using the included USB-C to USB-A cable to your computer.
2. Computers with USB-C inputs will require a USB-C to USB-C cable or an adapter.
3. Your Chorda should be instantly connected!
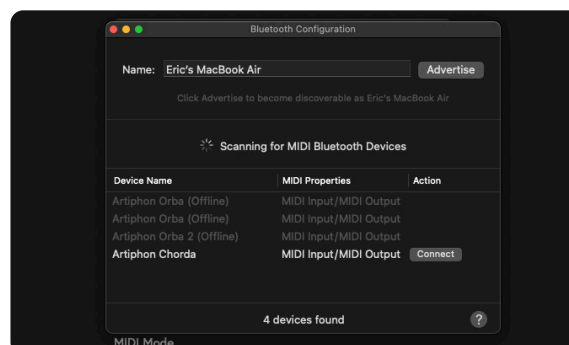
Connecting via Bluetooth

1. Select the Settings cog in the upper right hand corner of the app.

2. Select Bluetooth, rather than USB.

3. Choose Chorda from the device window that follows. If you don't see Chorda in the list of available devices make sure that Chorda is turned on and within range of your computer.

Connecting without the Artiphon App[t]
You can also connect via Bluetooth without the Artiphon Conect App.

1. Open Audio MIDI Setup on your Mac. This is found in the Utilities folder. You can also use the keyboard shortcut **Command + Space.** Type "Audio MIDI Setup" to find the program.
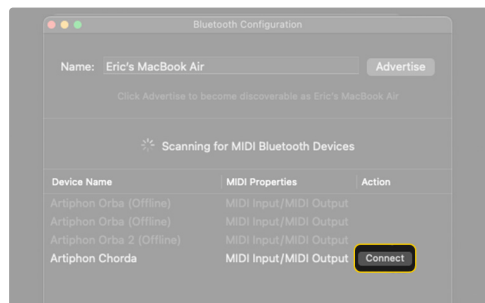

2. Open the **Window** drop-down in Audio MIDI Setup and select Show MIDI Studio, or use the keyboard shortcut **Command+2.**
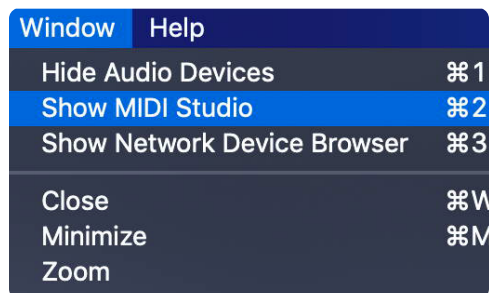
3. Select the Configure Bluetooth icon from the header window.
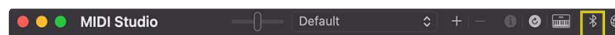
4. Select Chorda from the list of available devices. If you don't see Chorda on the list, make sure you have it turned on and in range.

Updating Firmware

We are always adding features and improving the Chorda experience. Keeping your firmware up-to-date is the best way to ensure you're getting the best this unique instrument has to offer.
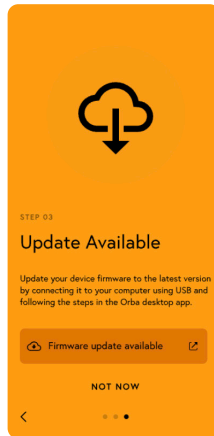
If there is a new firmware update, you will receive a pop-up when you first open the app. Updating firmware can only be done on desktop through a USB-C connection.

To update your firmware, hold the Shift key + click on the firmware section noted above.

Note: If you are on a macOS, you must accept privacy permissions. Chorda will automatically request these permissions when opening the app. If you initially deny these permissions and wish to enable them, you can do so by going into your Mac's Security and privacy settings.
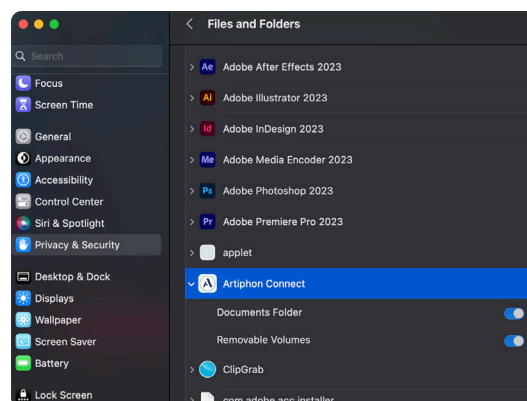
Songs

What is a song?

A Song is a collection of four presets, a selected key and tempo, and any loops that are recorded.

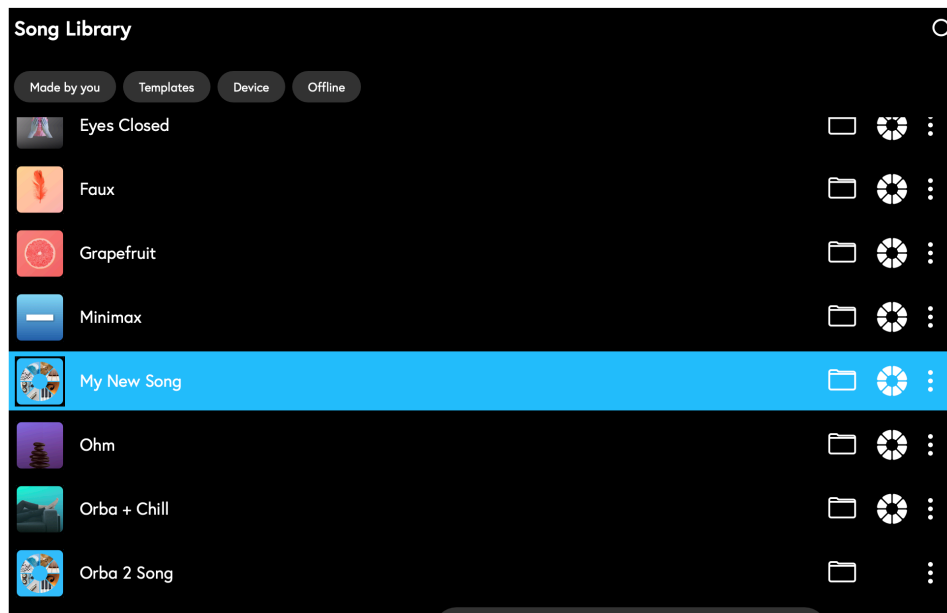The Artiphon Connect app ships with dozens of Song "templates." These templates are collections of presets that we designed to work well together. For instance, the Zen Song template features a Drum, a Bass, a Chord, and a Lead preset that are all based on abstract, meditative, nature sounds.

Song Legened

Song Available in App
This icon indicates sounds that have been down-loaded to your Artiphon Connect app.

Song Available on Chorda
This icon indicates that these Songs are available on Chorda. If this icon is not preset, the Song will need to be transfered, which takes a moment.

Stem SongT
his icon denotes a stem song, which is a key and tempo-locked song that includes a collection of stems from a song.

Factory Song
This icon indicated a factory Song. Factory songs are created by the Artiphon team, featured artist, or creators.

The Artiphon Connect App (Ctd...)

Saving a Song

So you've made a song with Chorda, and you really like it. What now?

With the Artiphon Connect app, you can save songs into your own personal song library to access them later. To save a song,

1. Navigate to the Play tab, tap the arrow on top of your screen to open the songs menu, and select the Save option.

Tempo	Key	Details	Share	Save
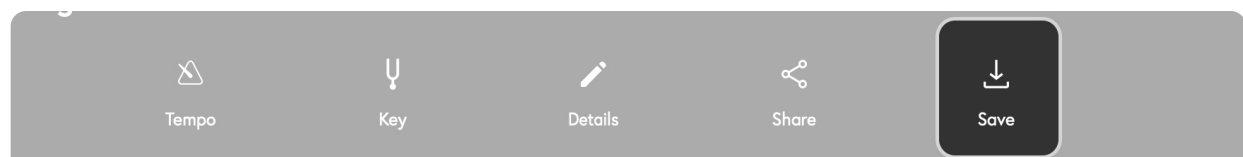
2. In the module that opens, you'll be able to give your song its own name.
3. Select the blue save button.
4. And your song will be saved to the Songs tab.

Save Song

Enter the name for your new song below.

My New Song

CANCEL   SAVE
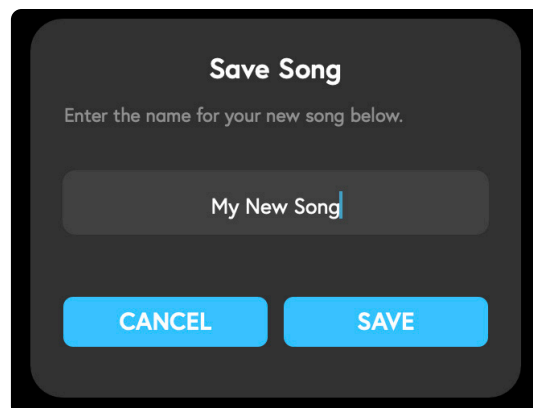
MIDI

Using Chorda as a MIDI controller

In addition to being a standalone synthesizer, Chorda also works as a MIDI controller. You can use Chorda to trigger and affect sounds in any MIDI-enabled software or hardware.

There are two ways to connect Chorda as MIDI controller:

· Use MIDI over Bluetooth on macOS, iOS, and Android.
· Connect via USB-C on macOS, Windows, and Android

If you like, you can disable Chorda's internal synth to make sure you're not hearing two different sound sources. To do that, you must open the Settings page by navigating to the Play tab and clicking the top right Settings gear icon. Now toggle "Instrument sounds with USB" On/Off (This function only works when Chorda is connected via USB).
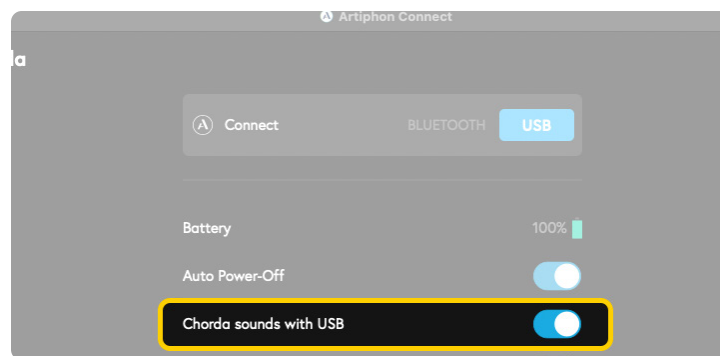
MIDI Implementation Chart

Gestures	MIDI	Notes
Tap	Note On	Note On/Note Off Velocity
Press	Channel Pressure	Bass, Chord, Lead only
Vibrato	Pitch Bend	Receiver/Sound generator should be set to a pitch bend range of 48. Pitch bend range is limited to a few cents for better playability on each of Orba's individual pads (except for the Vibrato Bass preset, which has a pitch bend range of 2 semitones).
Radiate	Brightness (CC74)	Bass, Chord, Lead only
Bump	MIDI Note 39	
Shake	MIDI Note 69 and CC2	Drum only, while holding Pad 8 (Shaker)
Move	CC 113	Bass, Chord, Lead only
Spin	CC 112	Bass, Chord, Lead only
Tilt	CC 1 (Modwheel)	Bass, Chord, Lead only

Safety (UL) Staments

Safety (UL) Statements

Ensure that the AC Power Cord of the Power Supply is connected to a grounded receptacle.

WARNING: Internal-provided RTC Battery shall not be exposed to excessive heat such as fire or other sources.

Do not open, disassemble, or service any battery.

Do not crush, cut, or puncture any battery.

Do not short-circuit the battery, or expose it to water or other liquids.

Keep the battery away from children.

Keep the battery away from fire or other heat sources. Do not dispose of the battery in fire or other heat sources.

Keep the product with battery away from extremely low air pressure or high temperature environments.

Stop using the battery if it is damaged or if you notice any discharge or buildup of foreign materials on the battery leads.

Replacement of the battery must be done by an authorized local repair facility or technician.

Do not put the battery in trash that is disposed of in landfills. When disposing of the battery, comply with local ordinances and regulations.

The authorized repair facilities or technicians must recycle any battery according to local laws and regulations.

Any battery subjected to extremely low air pressure may result in explosion or the leakage of flammable liquid or gas.

CAUTION: Risk of explosion if battery is replaced by incorrect type. Dispose of used batteries in accordance with local ordinances and regulations.

Déclarations de Sécurité (UL) (Français)

Assurez-vous que la câble d'ailmentation électrique soit branché dans une prise électrique reliée à la terre.

ATTENTION: L'horloge temps réel utilise une pile qui ne doit pas être exposée à une chaleur excessive comme le feu ou tout autres source de chaleur.

Ne pas ouvrir, demonter, ou remplacer la pile.

Ne pas percer, couper, or écraser la pile.

Ne pas court circuiter la pile ni mettre en contact avec de l'eau ou tout autres liquides.

Gardez la pile hors de portée des enfants.

Ne pas laisser la pile près d'un feu ou d'un four chaud. Ne pas jeter au feu ou dans un four chaud.

Ne pas laisser l'appareil contenant la pile dans un environnement de très basse pression ou de haute température.

Arrêtez d'utiliser la pile si elle est endommagée ou si vous remarquez une fuite ou une accumulation de matériel sur ses bornes.

La pile doit être remplacée par un technicien qualifié.

De pas disposer la pile avec les ordures ménagères. Disposez de la pile de façon appropriée en suivant les réglementations applicables.

Le technicien autorisé doit recycler la pile en suivant les lois et réglementations applicables.

Toute pile exposée à une pression extrêmement basse peut exploser ou peut laisser fuire des liquides ou gaz inflammables.

ATTENTION: Danger d'explosion si la pile n'est pas remplacée par une pile de type identique ou équivalent. Éliminez les piles usagées conformément

aux réglementations et lois locales.

ARTIPHON

Get in touch, stay in touch!

For a wealth of resources, including videos, in-depth tutorials,
inspriation from other creators and more, visit start.artiphon.com

Got questions? We love answering them. Reach out any time at support@artiphon.com.