VOLOCO 4th Edition Voice Processing App User Guide

**4th Edition Voice Processing App
User Guide**

4th Edition Voice Processing App

Thanks for downloading Volos!
About Volos
Volos is a voice-processing app that combines automatic tuning, harmony, and vocoding. Pick a track from your music collection or Volos's free beat library to sing or rap over, and Volos will guess the key of the track and tune your voice to that key.

- Apply automatic tuning or harmony to your recording

- Over 50 vocal effects

- Sing or rap over hundreds of free beats

- Change effects and settings after recording

- Get featured and grow your fanbase

Intended Audience
This manual is designed to give intermediate and advanced users more insight into all of Volos's features and to give a full description of all presets, effects, and processing tools, as well as give an overview of some of the music theory behind Volos's scales, keys, effects and more.

About This Manual
The 4th Edition was written, edited and designed by Kaye Loggings with support from Resonant Cavity, the team behind Volos. This manual uses the Humanins illustration library by Pablo Stanley.

SETUP & CONSIDERATIONS

Recording Environment
When recording audio, it's best to work in the quietest room possible to prevent any background noise or reflection. Your environment also matters – a bathroom may be more private, but a tiled wall can create a boom, reflective sound. The duller the walls and area around you, the clearer sound you can achieve. This is the idea behind professional recording booths.

Microphones & Headphones
Voloco is designed to work with your iOS or Android device's built-in mics and speakers. The app can also accommodate a wide variety of headphones & external microphones, from the headset & mic that came with your smartphone to professional-grade microphones. Make sure any external microphone is compatible with your smartphone & connected before open- ing Voloco. If you have a professional stand-alone mic, you will need an audio interface compatible with your device to connect the mic on one end and your device on the other. There
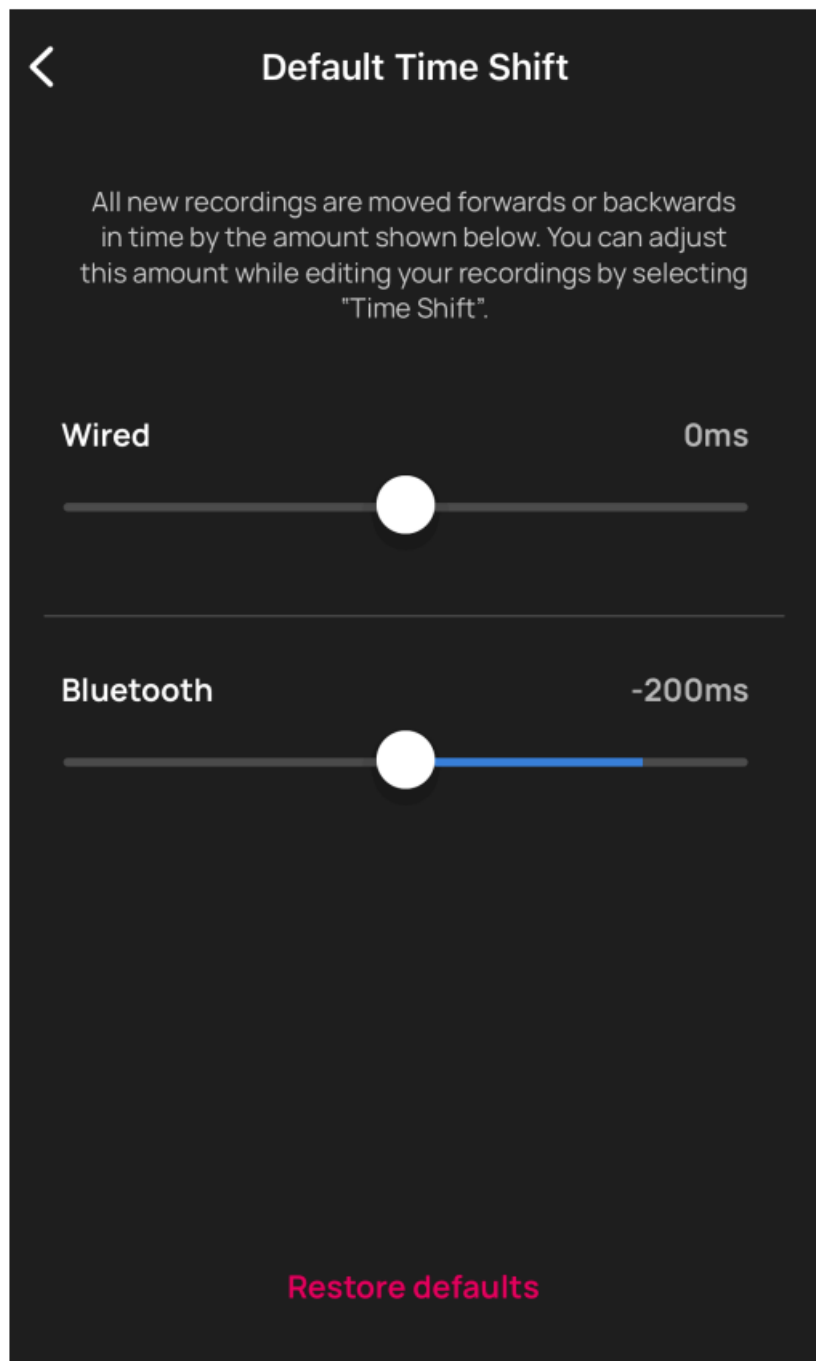
are a range of audio interfaces available for purchase that are compatible with both iOS and Android devices.

For the best audio quality, use at least a headset & mic, such as the headphones that came with your smartphone. Using headphones allows you to hear the backing track or beat and your vocal monitor (your voice through Volos's effects) live while recording, without that sound getting picked up on your recording (called feedback – feedback is what to avoid)! When you don't have headphones plugged in, Volos will not output monitor audio while recording.

When using a headset with built-in mic, it's recommended to hold the microphone near your mouth level rather than letting it dangle below your head. This microphone position allows a better recording quality to capture the sibilance of your voice, or the higher frequency sounds such as the "S" and "T" sounds your mouth naturally makes when singing or speaking. However, don't hold the mic too close – placing it directly in front of your mouth can result in blown-out, distorted audio. Roughly 6 inches (15 cm) from your mouth is a good balance.
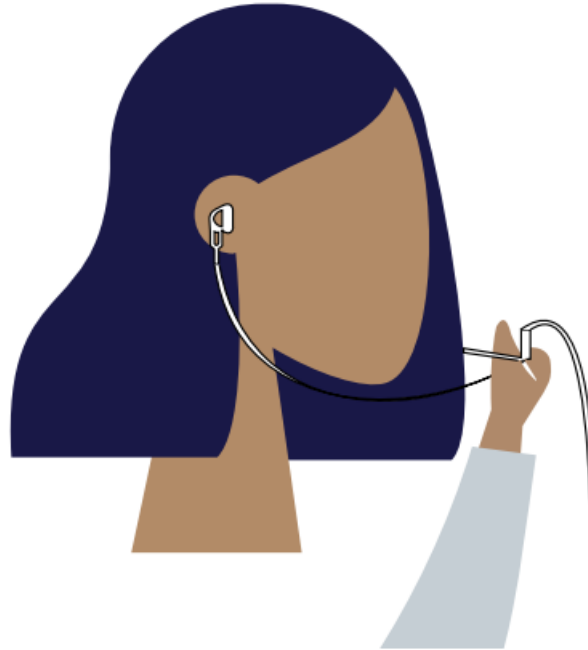

Bluetooth – Pros & Cons

Many people use Bluetooth headphones for the convenience of a wireless connection. Most Bluetooth headsets also have a built-in microphone for taking phone calls or recording audio. Some Volos users like to use Bluetooth headsets while recording tracks, but this comes with a tradeoff: because Bluetooth is transmitting lots of information wirelessly, there can be a delay (or latency) between the backing track and your recorded vocals, as well as latency when listening to vocal monitoring, because of the time it takes to transmit audio + the time it takes Volos to process your audio. When possible, use wired headphones/microphones with Volos to reduce latency for the most accurate recording, keeping your vocals on top of the beat. However, if you do use Bluetooth headsets, Volos will record audio from your device's built-in microphone, not the microphone in your Bluetooth headset.

Default Time Shift

All new recordings are moved forwards or backwards in time by the amount shown below. You can adjust this amount while editing your recordings by selecting "Time Shift".

Wired   0ms

Bluetooth   -200ms

Restore defaults

This is to eliminate latency and prevent out-of-time recording, and it produces a higher-quality audio recording than the microphone on your Bluetooth headset. Recommendation: turn off Vocal Monitoring when using wireless headphones, as hearing your own vocals on a delay can be jarring and affect your vocal take. After recording, the Time Shift feature adjusts for audio delay over a backing track. To use Time Shift, tap the Time Shift button on an audio clip in the Edit View to adjust latency or adjust Default Time Shift in Settings – more info on page 23.

Volos Workflow

Volos uses a series of Views to prepare, record, edit, and review your track. The Views appear in the following order:

Discover / Beats → Performance → Edit → Review
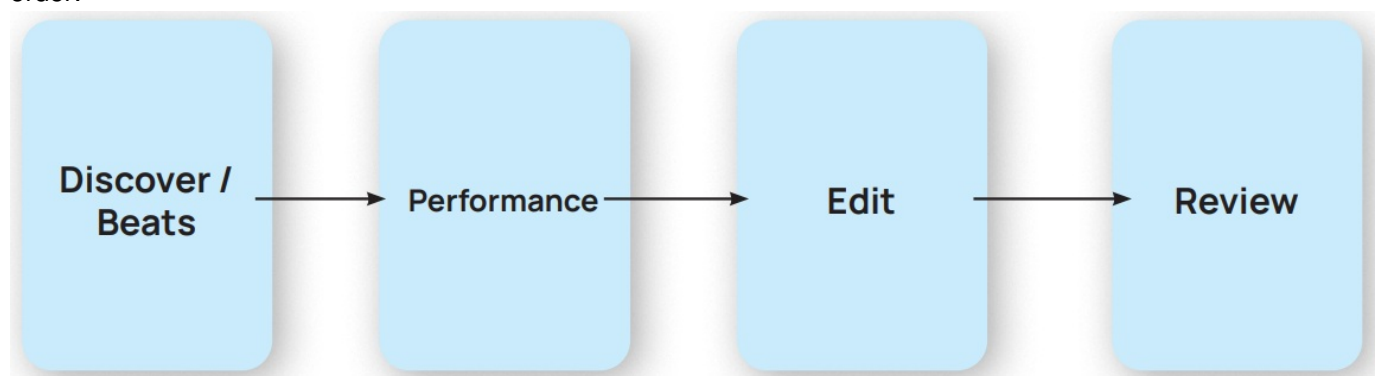
DISCOVER VIEW

Discover View is the first page that appears when you launch Volos, allowing you to select a backing track for your next Track, check out the Top Tracks made using Volos, browse Featured Effects, and more.

Volos Beats
Select premade and curated beats to use as the basis for your next track.
Top Tracks
Listen to Top Tracks made using Volos, selected by the Volos Team.
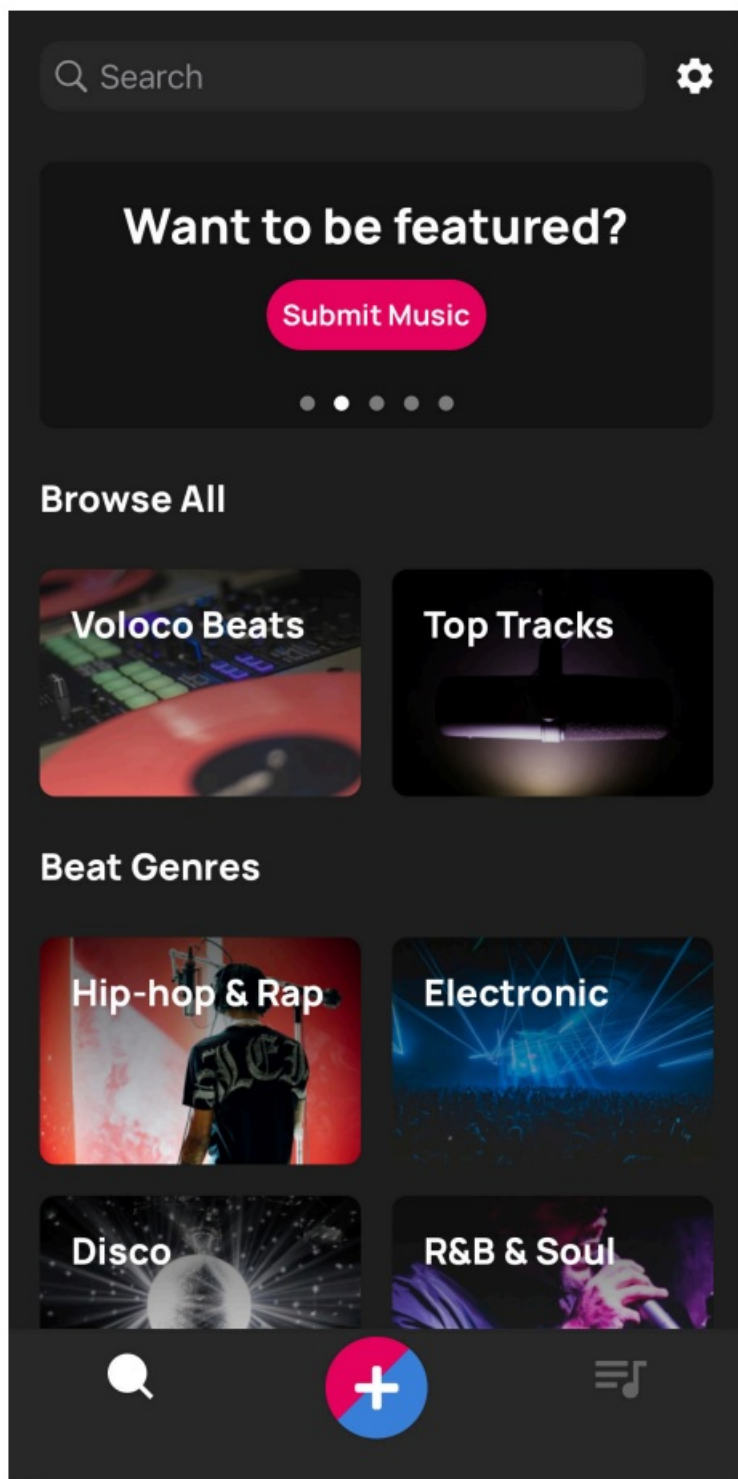
Featured Effects
Tap to load a curated effect from the Volos Team.
New/Hot/Featured
Check out a preview of newly uploaded and popular Beats and Tracks. Tap "Select" or "Use" to load the Beat or Effect used in the sample. Tap a Featured Producer or Artist to see their Profile.

Top Tracks Page
Each track is shown with larger artwork and artist name. Below the track, view play count, likes, & reposts. The Volos effect the artist used on the track is listed.
New/Hot/Favorite
Sort Volos Beats by Upload Date or Popularity.
For more information on a Top Tracks artist, tap on their name to see their Profile including Tracks, Beats, and links to their socials.
To submit a track created in Volos to Top Tracks, visit Volos for Creators at **voloco.resonantcavity.com**. All submissions are reviewed by Volos's Content Curation team.
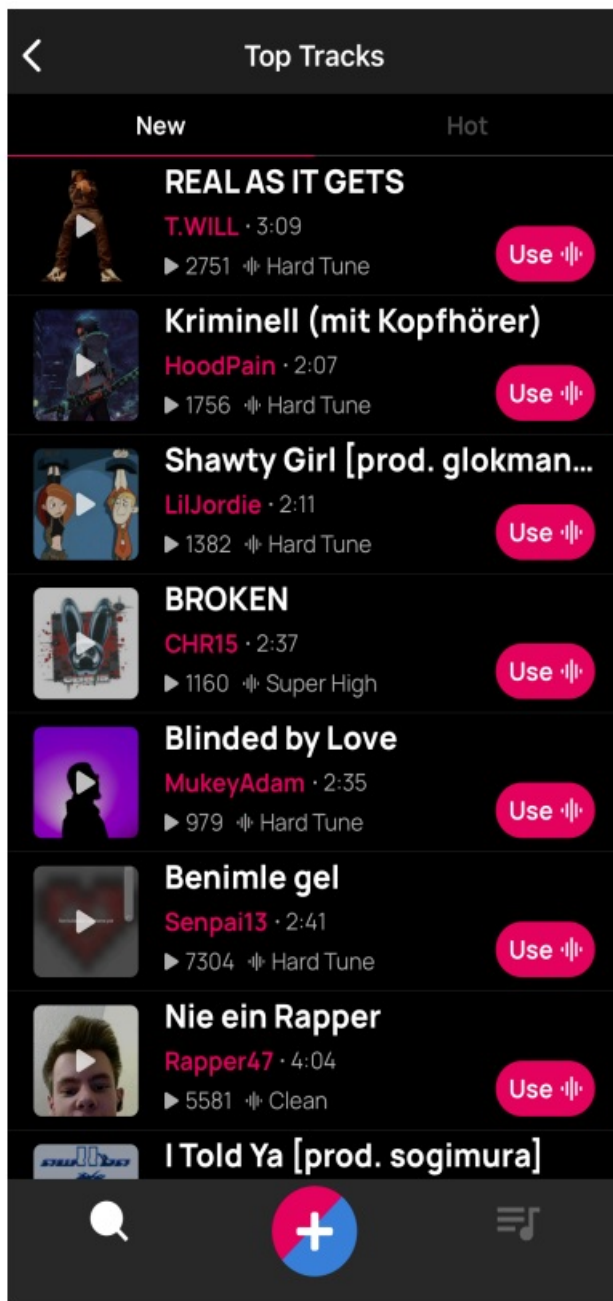
Voloco Beats Page
New/Hot/Favorite
Sort Volos Beats by Upload Date or Popularity, or view your saved Favorites (requires a Voloco Account).
Beats
View list of beats with Artwork, Artist, Play Count, Duration, and Genre. Tap a Beat to preview it in the full-screen player, where you can also Favorite a Beat by tapping on the heart icon. You can also tap Buy License to be brought to Beat Stars to purchase a license to use this beat commercially! Tap Select to load the track into the Create View & select your effect to start recording. Tap on the Artist name to see the Artist's profile including Tracks, Beats, and social media links (You can also import your own custom backing track by tapping the musical note icon in Performance View).
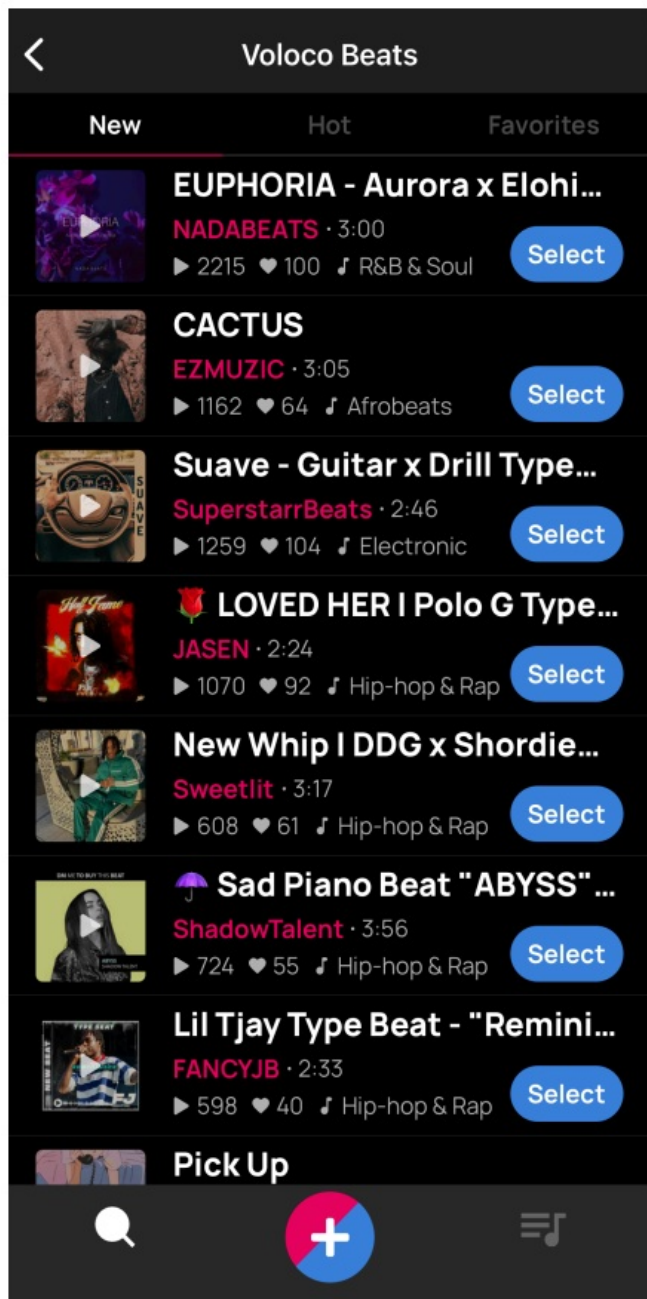
PERFORMANCE VIEW

Performance View is your toolkit – the place where you'll set your effects and actually record audio for your Tracks. Tap the + Icon after launching Voloco to enter Performance View and select Record Audio, Record Video, or Import. For more info on importing an existing track or video to isolate a Beat or vocal track, see Importing (Page 26).

**Controls**: Toggle between Performance View, Edit View, & the Lyrics Pad.

QuickSwitch (*Premium Only*): You can save up to 3 Effects for quick selection. Long press to edit an Effect. You can switch Effects while recording.

FX: Select the Effect Voloco uses to process your audio input. Note that certain Effects will auto-select a new Key and Scale that is common to each musical style, but it can be changed after selecting your Effect.

Back: Return to the Discover View. Tap to save changes to your track.

EQ: An important part of any vocal mix. Access EQ, Reverb & Compression to help to sculpt and fill out your sound.

Waveform: Shows a live waveform preview of your audio input.

Vocal Monitor: Toggle whether you hear your own audio input when recording. You will still hear your voice until you tap Record.

Note: when using Bluetooth headphones, Voloco will output vocal monitor to headphones, but will use your smartphone's microphone to reduce latency. When you use wired headphones, the headset's microphone will be used if available.

Key: Select the Key and Scale of your track. Key selects the tonal center (tonic) of your track from the 12-note scale, and Scale selects which notes Voloco will select within this key. Voloco will take audio input and move it to the closest note in your selected Key & Scale in real-time.

Add Beat

Mix: Control the recording and monitoring levels of audio.

Add Beat: Select your Backing Track - choose from Voloco Beats, a track from your iTunes Library (iOS Only), or browse the Files app for audio.

Record: Tap to start recording audio/video. Tap again to stop recording.

Note: when using Bluetooth headphones, Voloco will output vocal monitor to headphones, but will use your smartphone's microphone to reduce latency. With wired headphones, the headset's microphone will be used if available.

A/V: Toggle recording Audio or Video.

FX

Selects the Effect that Voloco uses to process your audio input. Scroll along the bottom of the screen to select your Effect group, then tap on an Effect preset to load that sound. Note that certain Effects will auto-select a new Key and Scale that is common to each musical style, but it can be changed after selectin your Effect. For effects with Pitch correction strength or Arpeggiator speed settings, these controls will appear when that Effect is selected. There are **9 Groups** of Effects:
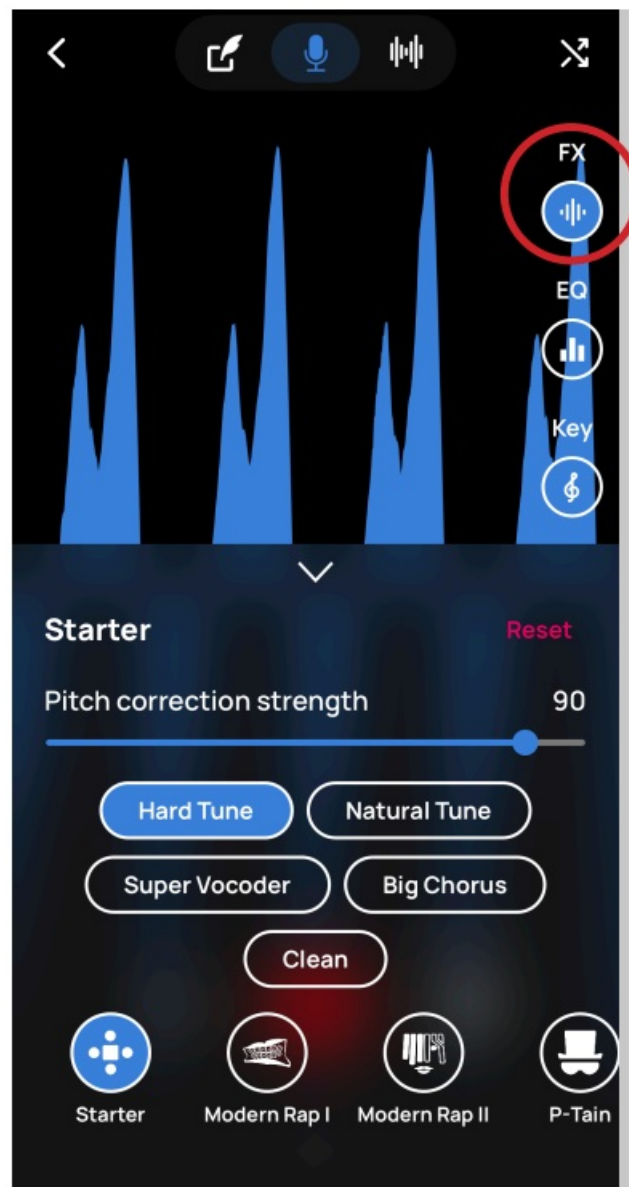
Starter
Hard Tune: The classic, "digital" pitch correction used by countless rappers and singers alike. This preset uses a hard, more electronic sound.
Natural Tune: Similar to Hard Tune, but a less pronounced effect with a more natural, rounded tone.
Super Vocoder: Instead of hard-tuning your vocal input, a vocoder takes the formant (character) of your voice and feeds it into a synthesizer for a more "robotic" effect.
Big Chorus: This duplicates your voice into multiple notes in your selected Key and Scale, creating a large chorus effect common in pop, RnB & electronica.
Clean: This effect doesn't process pitch-correction or a vocoder, and simply uses audio filtering technology to remove background noise.

Modern Rap I
Like a Boss.
World Wide I/II/III: A unison preset with two voices with slightly different pitch correction settings. Each voice has a unique and dynamic spectral panning effect to create an impression of swirling stereo effects. Triple Double: A three voice preset with two slightly different unison voices and a subtle third voice pitched an octave down.
Bodyguards: Deep pitch & vocoder. Bodyguards uses a unison voice in the center of the stereo field, and two voices on the left and right sides with a lower octave pitched down and formant compression to create the effect of two bodyguards flanking your voice.
Big Fella: A higher pitched vocoder effect, Big Fella alters the formant shape of your voice to change your perceived body size.
Shadow Bass: A lower octave sits below your voice with heavy pitch correction. Light Distortion: Adds mild distortion to the voice with a lower-octave effect.

Modern Rap II

🔥🔥🔥

Congrats: A chordal sound with chorus effect, inspired by the vocals of Post Malone's "Congratulations."

2% Helium: Electronic pitch-correction with formant effects reducing the perceived size of the vocal tract, resulting in a higher tone.

Force Field: Hard pitch-correction & vocoder effects with a rough shine.

Super High: Formant thinning and one-octave pitch correction for sky-high vocals.

Cranked: Formant thinning with crunchy, blown-out distortion, great for backing vocals.

Baby Voice: A smoother high-pitched effect infantilizing.

P-Taine

Extreme pitch correction plus sexy seventh chords. Perfect for RnB and rap.

Looking Sharp: A basic rap/RnB pitch-correction sound that you know and love.

Get Low: Rap/RnB pitch-correction at a lower octave for a deeper tone.

So Smooth: A classic Minor 7th chord for your smoothest tracks.

Star Duet: Pitch correction with a subtle two-tone chorus.

Talk box

Classic and future electro-funk sounds.

Classic: A talk box emulation sound inspired by Zap & Roger.

Fat Saw: A buzzy two oscillator patch with a lower octave.

High Harmony: Stacked harmony with a classic pitch-bent tremolo effect typical in funk.

Metal Mouth: Power chord harmonies and crunch inspired by heavy metal.

Organ: Stacked octaves mimic the sound of an electric organ.

Sci Fi: Takes the talk box sound to outer space with LFOs that modulate FM synthesis.

Spooky

Eerie, fearsome, and slightly threatening.

Behind You: Pitch correction with eerie, delayed whispers right over your shoulder.

Alien Warlord: Pitch correction with vocoder for a deep, authoritative and UFO appropriate sound.

Ghost: Vocoder with a frail, after-death growl.

Angry Bells: A harmonization preset with harmonics detuned to resemble bell spectra.

Medium Demon: A frequency-modulated, LFO effect for experimentation. Only slightly demonic.

LOL

lol is an initialism for laugh(Ing) out loud and a popular element of internet slang.

Vibrato: Moves the pitch of the input up and down in a repeating pattern.

Vibrato Chorus: Same as the above effect, but adds a doubling chorus sound.

Drunk Tune: A loose, pitch-corrected effect that moves in and out of in- and out-of-tune.

Chipmunk Chorus: A squeaky, high-formant-filtered lead with backing harmonies.

Vocal Fry: I mean, like, it's kind of a growly kind of effect, you know? Yeah…

Sitar Hero

Inspired by Indian classical music.

A Drone Supreme: Chorus with a free-flowing melodic run.

Ascension: Melodic vocoder with a soft gated stutter.

Om: Run up and down the scale with a strong backing drone & delay.

Interstellar: Multiple tone centers along the scale create clusters of harmony.

Bon Hiver

Lush harmonies in the style of Bon Ivar's song "Woods."

Night Chorus: A full-bodied 7th chord effect in the style of the artist.

Crystal City: 7th Chords with the low end scooped out & mild frequency modulation. A light, airy effect.

Grand Organ: Like a combination of Night Chorus & Crystal City, a deep 7th chord with crisp, breathy high-end.

Glass Circles: High-end 7th chords with extra tonal dynamics and overtones.

Daft Pink

Funky vocoder sounds similar to a certain French electronic duo.

Danger Bot: A low-octave robotic vocoder.

Dirty Transmission: Upbeat vocoder with steady gated stutter & jumping octave effects.

Another Dimension: This vocoder introduces a funky lick of harmony on top of a gated volume effect.

Echo Beams: Low-octave robotic vocoder with a pulsating phaser effect. Wormhole Vocoder presets from a different galaxy.

Demogorgon: A low-octave effect with heavy phaser.

Andromeda: This effect uses step-sequenced frequency modulation for a razor sharp sound.

Lost Astronaut: Similar to Andromeda with a stronger, more pronounced frequency modulation.
Pulsar: Vocoder with a consistent pulsating, on-off gated stutter.
Subspace: Vocoder & high frequency overtones with a rhythmic, loose stutter.
Expanse: Intense, slow frequency modulation up and down the spectrum. 8 Bit Chip Funky bleeps and bloops inspired by classic video games.
Super Bloopy: Intense & driving melody with pitched vocoder.
Mega Maze: An arpeggiated melodic rhythm with syncopated delays.
Phasers on Stun: Bit-crushed rhythmic octave jumps.
Space Invasion: Heavy delay & reverb with step-sequenced modulation.
Beat the Boss: Extreme gated stutter with an 8 Bit sound.

 EQ

An important combination in any vocal mix, EQ, Reverb, & Compression help to sculpt and fill out your sound.

Equalizer
Equalizer (or EQ) works by lowering or amplifying certain frequencies of a sound, whether high, low, or mid-range, to create a color or overall tone.
Bypass: No reverb (the effect is "bypassed").
Mid-range scoop: A widely-used effect that lowers the mid-range of the sound, creating a combination of crisp highs and deep lows.
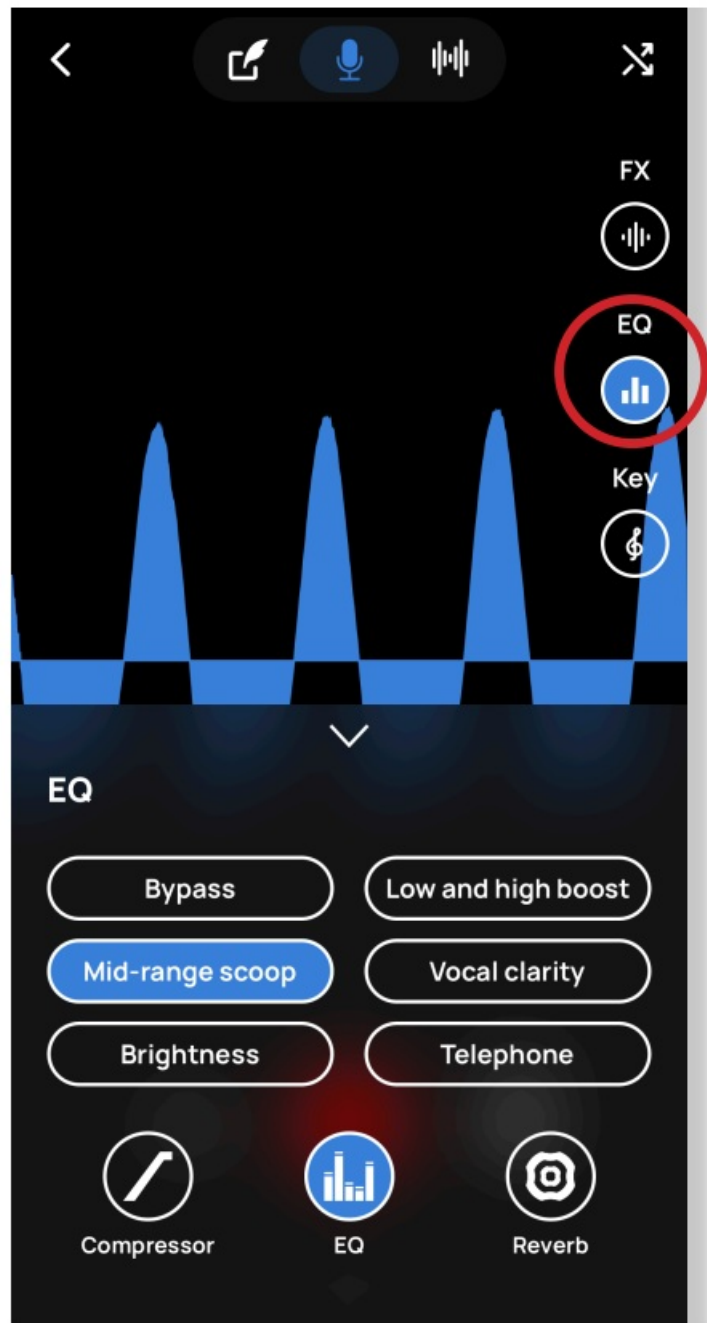
Brightness: Adds a sheen to high-end sounds including the sibilance of consonant sounds.

Low and high boost: Similar to mid-range scoop, but works by turning up the low and mid-range rather than cutting out the middle.

Vocal Clarity: Accentuates notable frequencies in the vocal range to provide clear, up-front vocals.

Telephone: Cuts out the low and high end, leaving the middle for a canned, phone-like sound.

Compressor

One of the most widely-used audio effects.

Compression works by reducing the amount of dynamics (loud and quiet) in an audio signal, allowing it to sound heavier, clearer and more powerful.
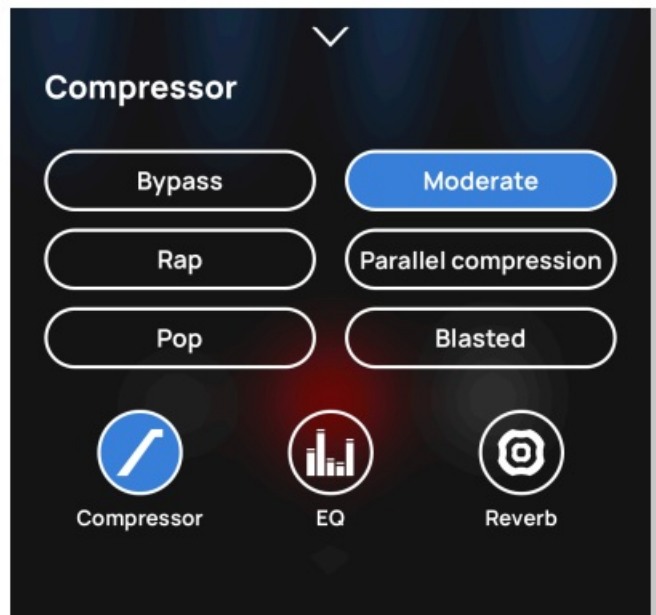
Bypass: No compression (the effect is "bypassed").
Rap: All-around vocal compression to add definition to rhythm.
**Pop:** Adds depth to the low-middle range with crisp high-end.
Moderate: A more subtle effect compatible with most vocals.
Parallel compression: Mixes the compressed audio signal with your original, noncompressed audio signal for a lighter effect to add clarity and dynamic while still getting the
volume boost and punch of compression.
Blasted: Intense compression. Loud and clear, with less dynamics. Useful for heavy tracks, but could be overbearing for a softer one.

Reverb

Reverb creates the sound of a space for the vocals to sit in, whether large or small.
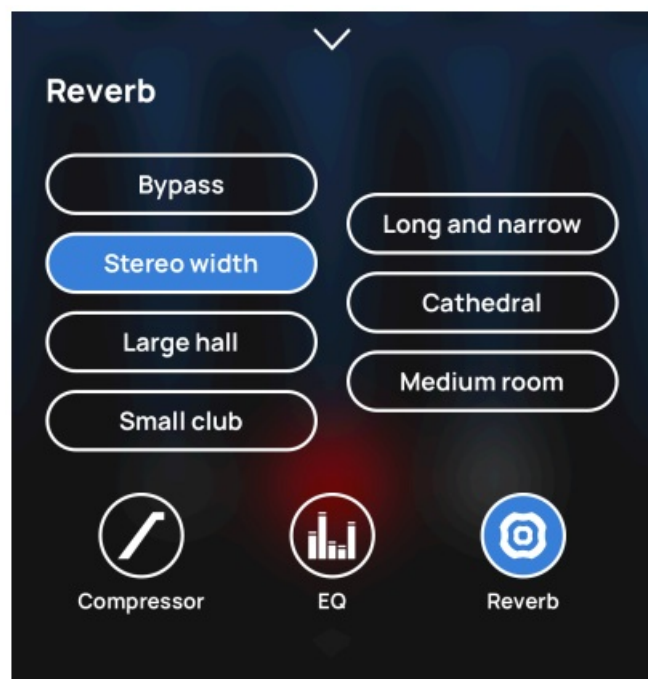
Bypass: No reverb (the effect is "bypassed").
Stereo width: Wide reverb effect best heard in headphones.
The rest of the reverb effects evoke spaces described by their names:
Large hall
Small club
Long and narrow
Cathedral
Medium room

About Keys & Scales
What are Keys?
Almost all pieces of Western music are in a particular key. When you hear someone say, "In the Key of D," that means the pitch D sounds like the "home" sound, or the most "stable" note in the key. This stable, home note is sometimes called tonic. There are 12 notes in most Western music:

Scales are a collection of notes in a certain key that evoke a certain sound or emotion. Generally speaking, most people hear major keys as "happy" or bright, and minor keys as "sad" or dark. Scales are chosen by the way the different notes relate to one another, and you can have the same kind of scale in a different key (For example, **C minor** and **D minor** both evoke the same "sad" sound, but have different "home" notes or tonic notes).
Try to experiment with the different scales in Voloco to discover what kind of feeling each scale evokes for your track. When using a backing track or beat, Voloco will automatically select the Key and Scale for your Beat, but you can change it manually if you wish.

 Keys & Scales

Tap the "Key" button in Performance View to view Keys and Scales.
Major: One of the most commonly used scales in Western Music, a generically "happy" and warm tone. Major third, major 7th.
Minor: Also one of the most commonly used scales in Western Music, a generically "sad" and cold, serious tone. Minor third, minor 6th, minor 7th.
Harmonic Minor: Same as Minor, but with a Major 7th note. Harmonic minor is associated with a "spooky" mood in popular culture.
Whole Tone: Each note is equidistant, a whole step above each other note. This results in a classic "spooky" horror sound or a "fantasy" sound.
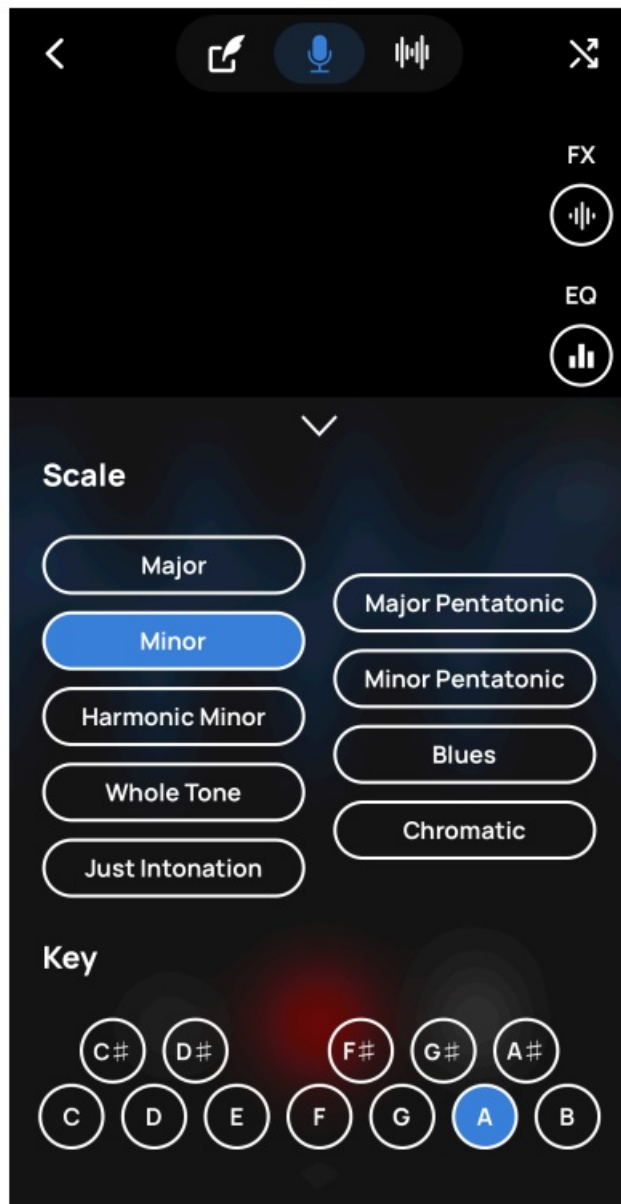
Just Intonation: Just Intonation uses a series of whole-number ratios to create a scale, rather than dividing an octave into 12 equidistant notes. This is useful if the backing track you're using is tuned in Just Intonation (sometimes called Pure Intonation).

Major Pentatonic: One of the most commonly used scales globally in many different kinds of music. A 5-note scale consisting of a Tonic note, a major 2nd, a 5th, a major 6th, and a major 3rd.

Minor Pentatonic: Similar to a Major pentatonic, with a minor 3rd. This is also a very commonly used scale globally and is similar to the Blues scale, with a few less notes.

Blues: Similar to the Minor Pentatonic scale, but with a distinctive sharp 4th note in-between the 4th and 5th in the scale that gives it the "bluesy" tone.

Chromatic: Every note in the 12-note system – this will correct your audio input to the closest note, but won't give the scale any specific color besides what you sing into it.

 Mix

Control the recording and monitoring levels of audio. You can see a colored meter that shows input volume. The meter will turn red if input volume is peaking (above normal range).

Live: Your Vocal Monitor. Disabled when no headphones are connected.

Vocals: Vocal input volume from the microphone.

**Backing Track Volume:** Volume of the backing track in monitoring and recording.
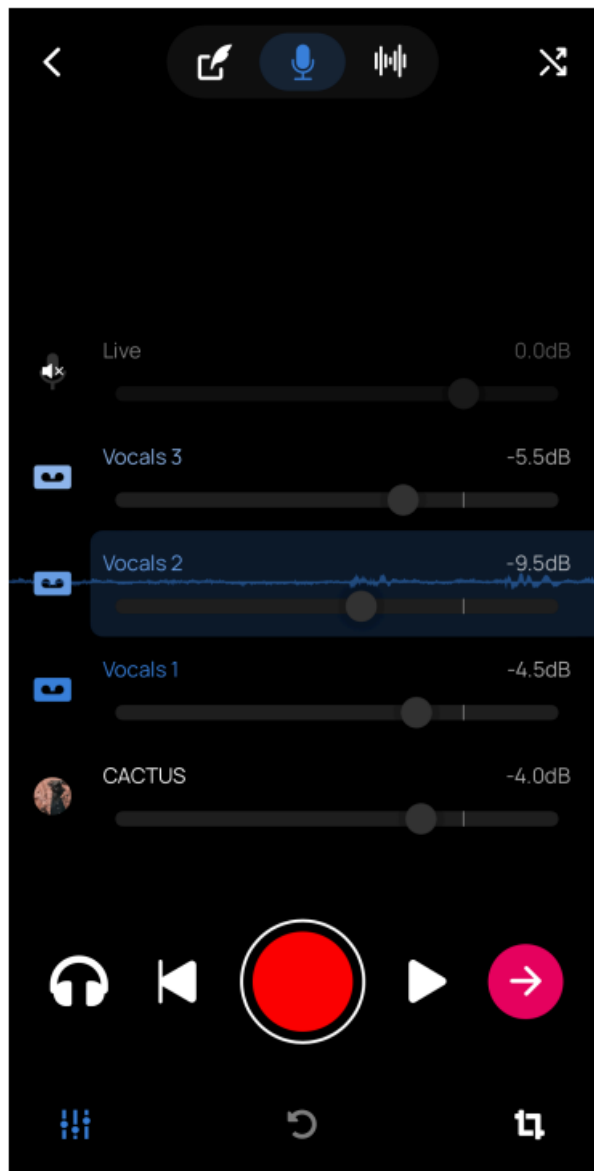
Tap the icon of any audio channel to Mute or access FX & Volume controls.

Note: Clip volume (in Edit View) and Track volume are independent of each other. Track Volume is applied after Clip Volume in the mixdown.

Lyrics Pad

Tap the Lyrics selection at the left of the Controls on the top of the screen to bring up Volos's lyrics pad. Lyrics will be available while you are recording. Your lyrics will be saved by Title, and the next time you open the Lyrics Pad, a list of lyrics will appear. **Tap the + icon** to create a new set of lyrics, or **tap "…" next to an existing song** to Share or Delete those lyrics.
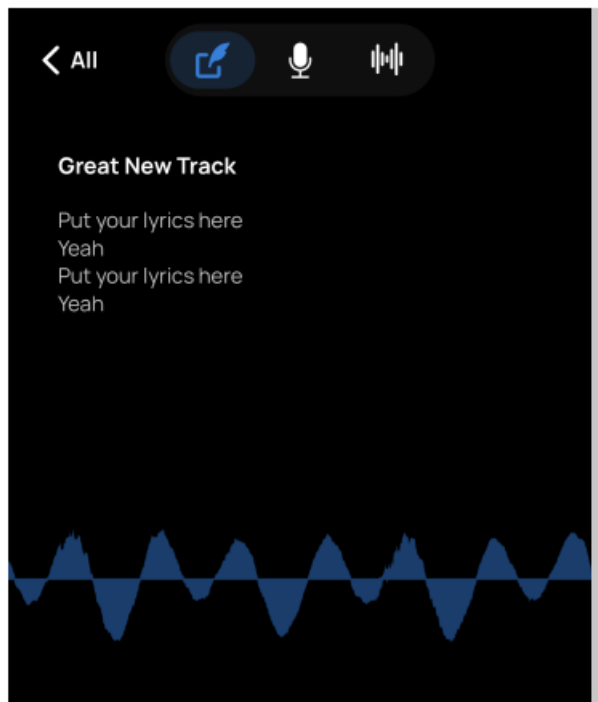
Pitch Correction vs. Vocoder

Volos's Effects presets use one of two types of vocal processing effects to create unique sounds: **Pitch Correction** and **Vocoder** effects.

Pitch Correction works by detecting the incoming pitch of recorded audio (in this case, your vocals) then calculates the closest neighboring desired pitch within a specified key or scale. Pitch correction technology was used sparingly in high-end studios until 1997, when pitch correction technology became widely available due to improvements in mathematic signal processing with computers. These effects will give a more modern sound common in contemporary hip-hop, RnB, and pop.

The vocoder sound dates back much further, to the late 1920s, and consists of multiple channels of information that the device is processing in real-time. Vocoders capture the vocal characteristics of the voice – in this case, the formant (tone), sibilance, and pitch. These characteristics are then applied to the carrier signal (in Voloco vocoder presets, the carrier signal is a synthesizer tone). This allows a musical tone, such as a synth, guitar, violin, or any instrument, to take on vocal characteristics and "talk." Vocoders were very popular in the 1970s and 1980s and can be heard in countless funk, boogie, experimental, and krautrock recordings, as well as house, techno, and trance later into the 1990s and beyond.

Experimenting with both of these types of effects is crucial to finding the perfect tone for your track. Using the descriptions above can help you craft your sound.
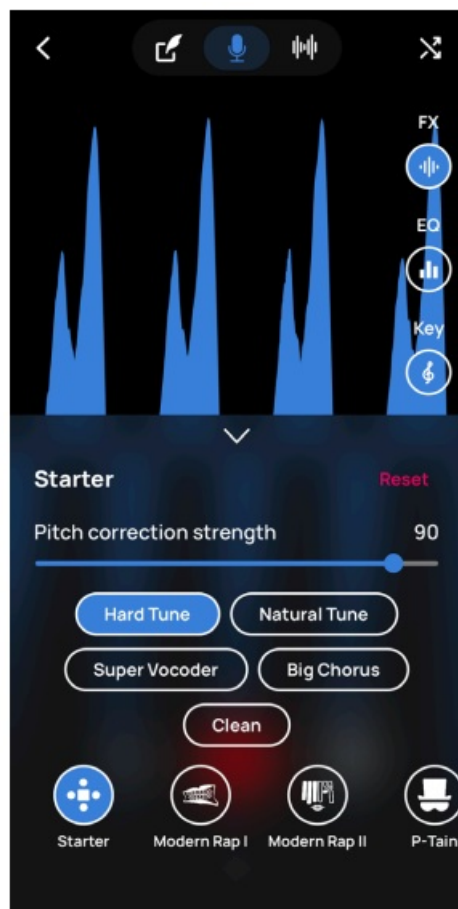
Quick Switch (Premium Only)

Quick Switch allows you to select up to 3 effects presets for quick selection.

1. Tap the Quick Switch button at the top right of the screen in Performance View.
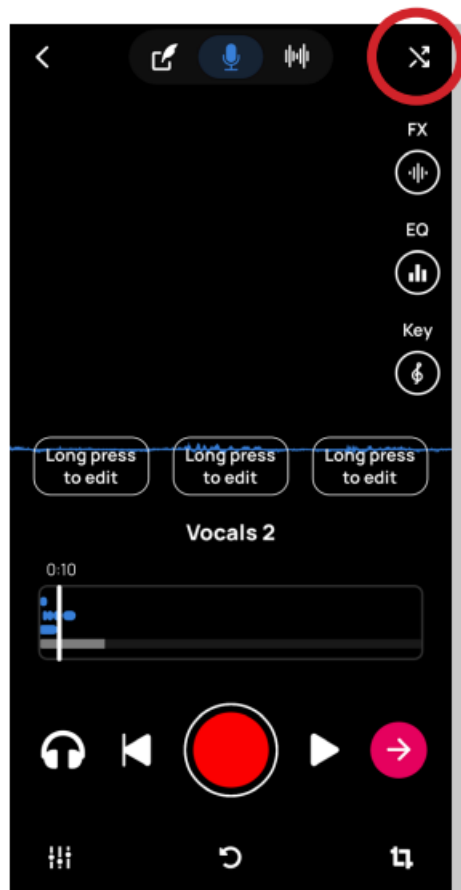
2. Long press on an effects preset to edit, then select your Effect. Tap the arrow to collapse the Quick Switch Edit menu.

3. The Quick Switch presets are saved in one of three banks. You can tap each preset to quickly change effects while monitoring or recording. These effects changes will be saved to your recording for playback.
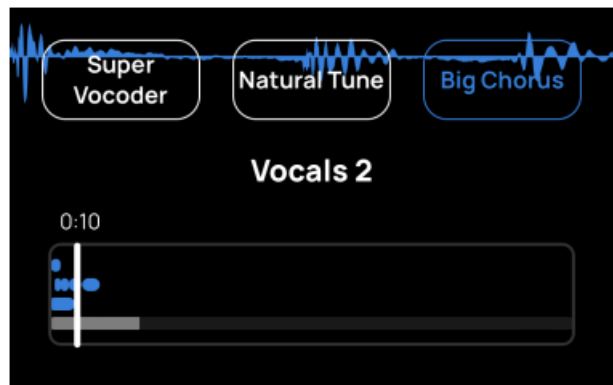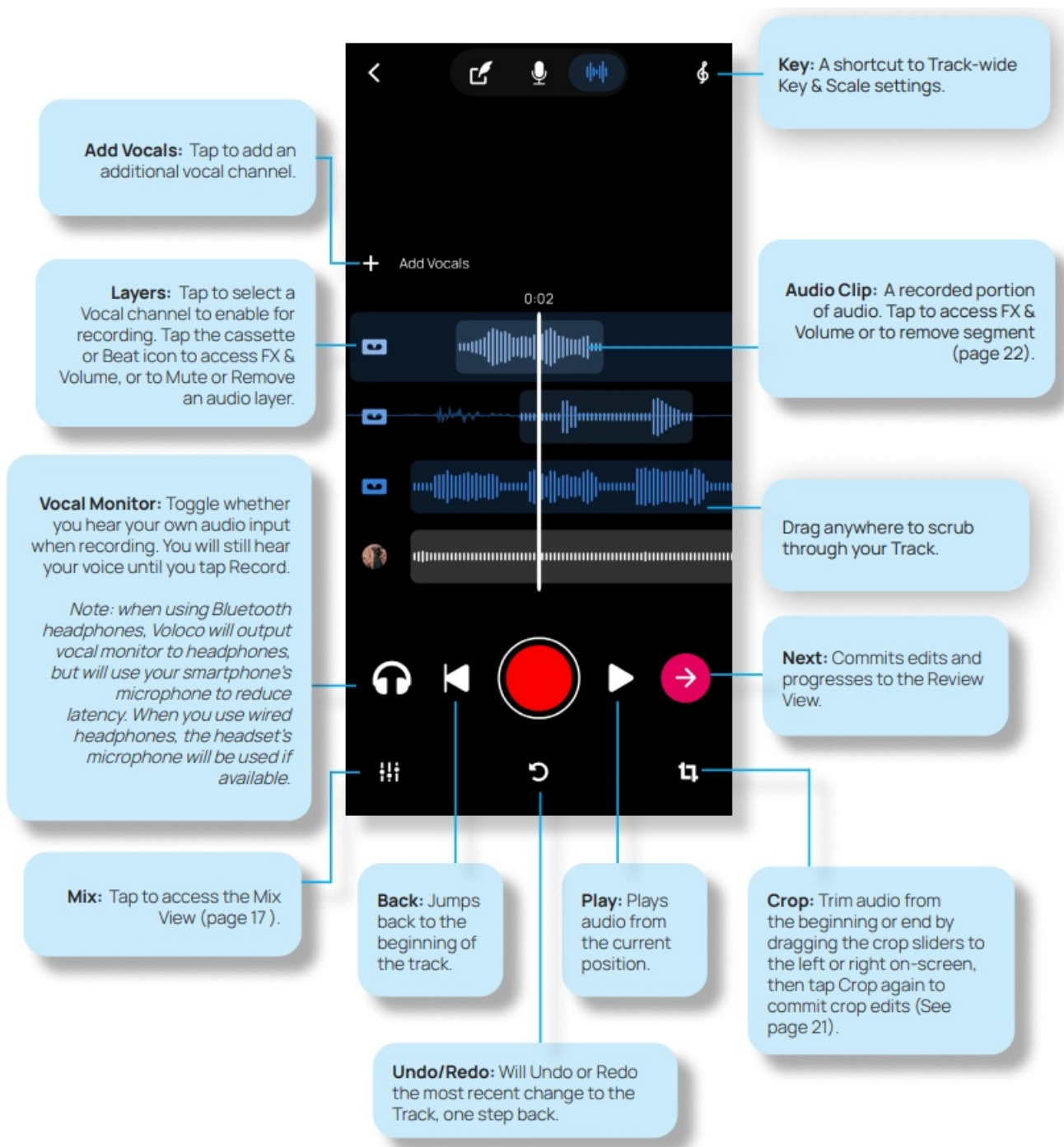
EDIT VIEW

The Edit View appears on-screen automatically after you've finished recording your audio.

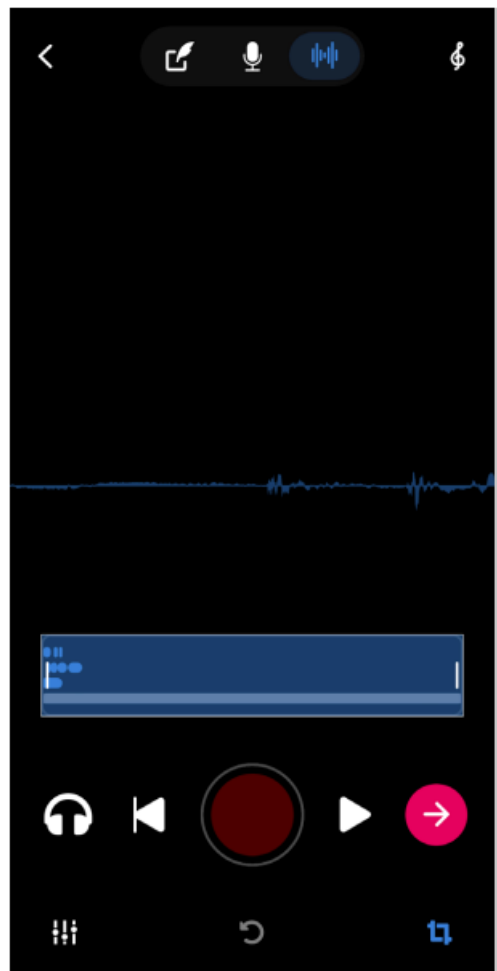Here, you can refine your mix, effects, Keys/Scales, EQ, or crop your track.

Voloco 7.0 introduces **Multi-Track audio recording**. Tapping any audio channel will select it for recording. The currently selected track will be highlighted. If you Record over part of an existing clip, a new clip will overwrite the existing one ahead of the play head. Add a new Vocal layer to preserve both segments.

Key: A shortcut to Track-wide Key & Scale settings.

Add Vocals: Tap to add an additional vocal channel.

Layers: Tap to select a Vocal channel to enable for recording. Tap the cassette or Beat icon to access FX & Volume, or to Mute or Remove an audio layer.

Audio Clip: A recorded portion of audio. Tap to access FX & Volume or to remove segment (page 22).

Vocal Monitor: Toggle whether you hear your own audio input when recording. You will still hear your voice until you tap Record.

Note: when using Bluetooth headphones, Voloco will output vocal monitor to headphones, but will use your smartphone's microphone to reduce latency. When you use wired headphones, the headset's microphone will be used if available.

Drag anywhere to scrub through your Track.

Next: Commits edits and progresses to the Review View.

Add Vocals

0:02

Mix: Tap to access the Mix View (page 17).

Back: Jumps back to the beginning of the track.

Play: Plays audio from the current position.

Crop: Trim audio from the beginning or end by dragging the crop sliders to the left or right on-screen, then tap Crop again to commit crop edits (See page 21).

Undo/Redo: Will Undo or Redo the most recent change to the Track, one step back.

Crop

1. Tap the Crop button in Edit View to access the menu.

2. **Drag the Start and End sliders** to pick the beginning and end of your track.
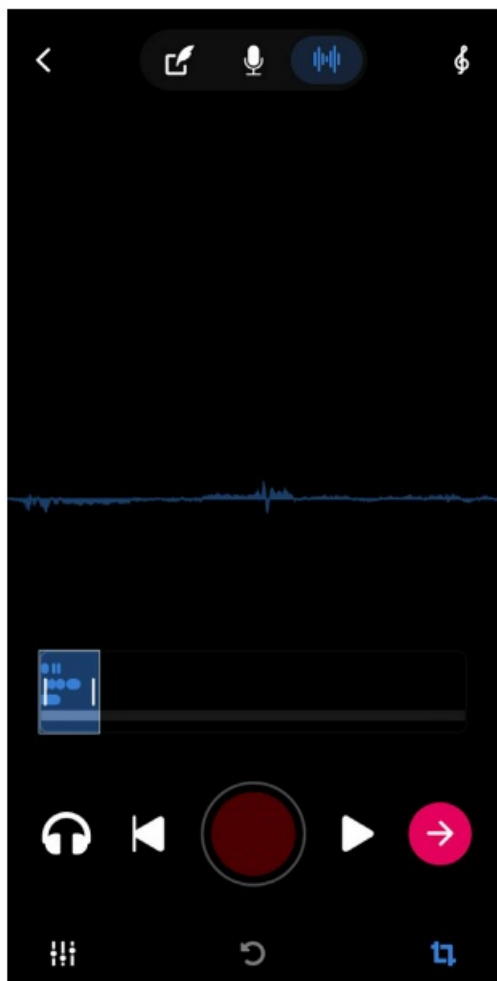
3. **Press the Crop button again** to commit edits. The section of the track that was cropped out remains on-

screen, but is greyed out and won't be played or saved when you finish your track.
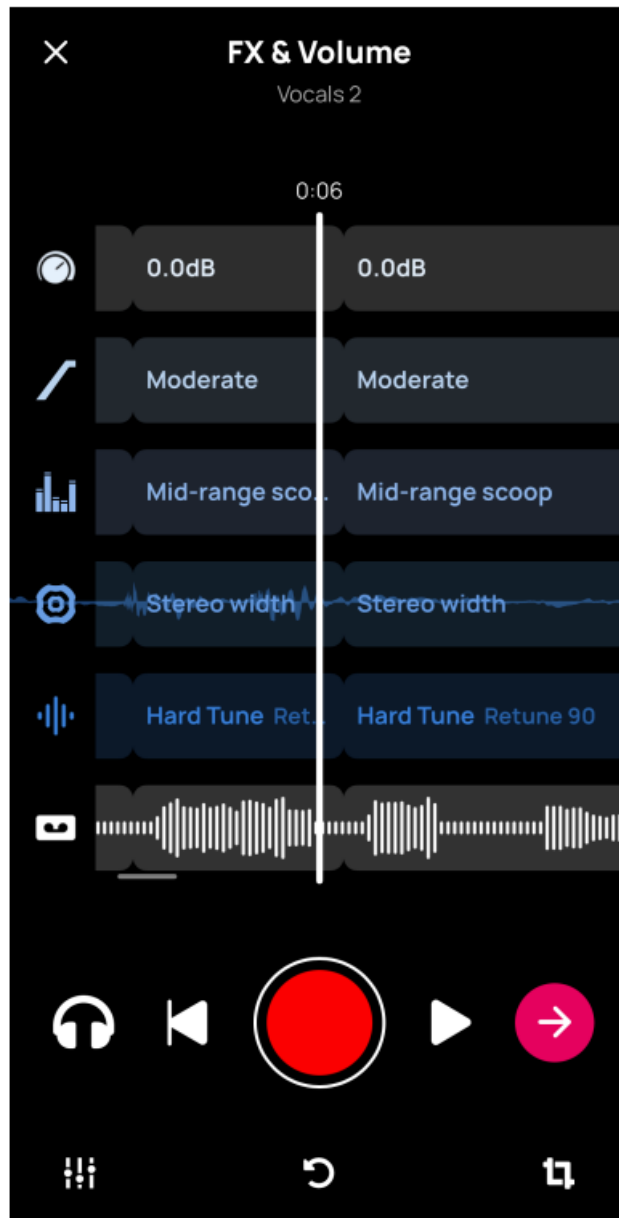
Edit After Recording
You can edit the Volume, Compressor, EQ, Reverb, and Effect on each individual audio clip in Edit View, even within one audio channel. First, tap on the audio clip:
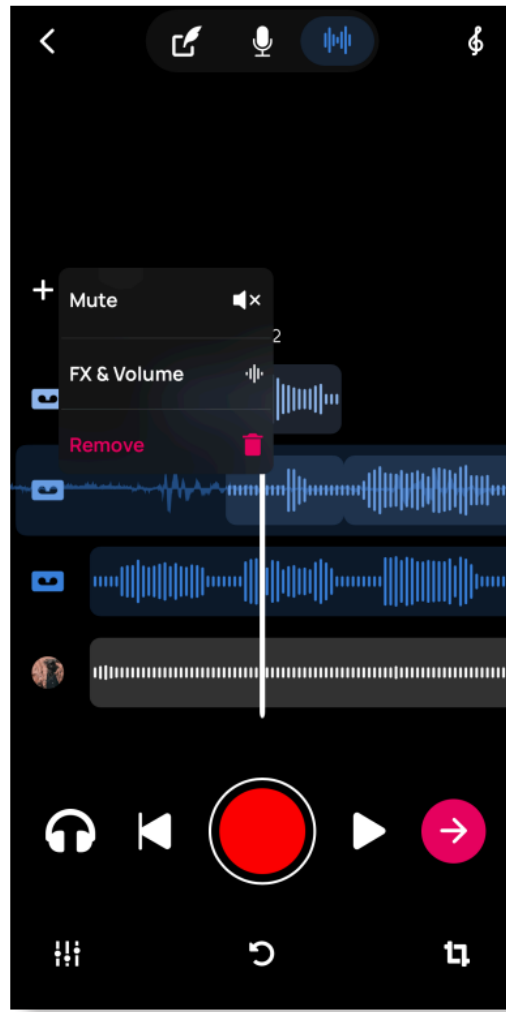
Then, tap on any parameter to edit that clip.
Note: Key & Scale are track-wide effects.
Edit Key & Scale by tapping on the Key button in Performance or Edit Views.

Note: Clip Volume and Track Volume are independent of each other. Track Volume is applied after Clip volume in the mixdown.
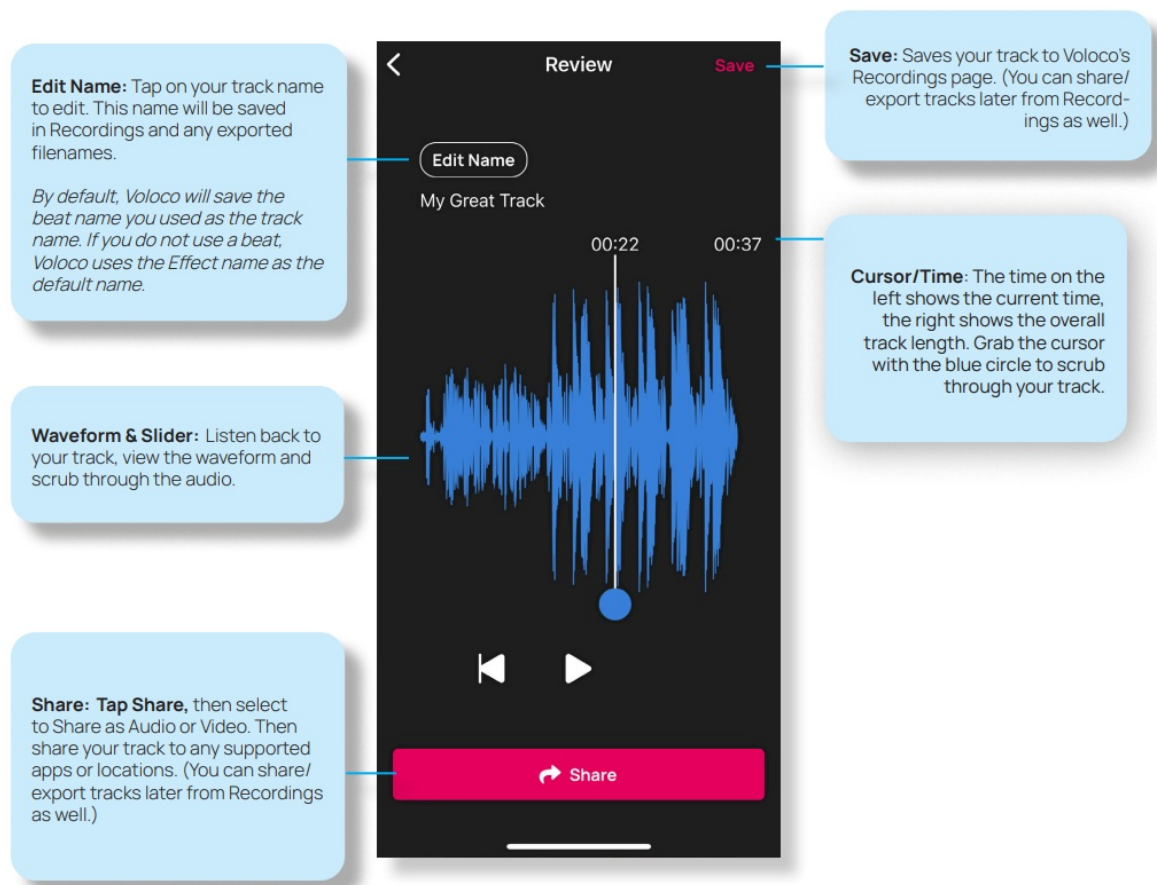

Time Shift

When using certain types of microphones and headphones, especially Bluetooth, audio can be recorded at a delay due to the latency caused by a wireless connection. though
we recommend using Wired headphones with Voloco to avoid latency, Time Shift allows you to correct for audio latency (delay) in the vocal track by moving the backing track in time to match the vocal. The Default Time Shift settings (left) will be applied to all new recorded audio clips, and you can also adjust individual segments in the Edit View after recording by tapping on the segment and tapping Time Shift (right). If you aren't noticing any audible delay in your recordings, there is no need to adjust this setting.
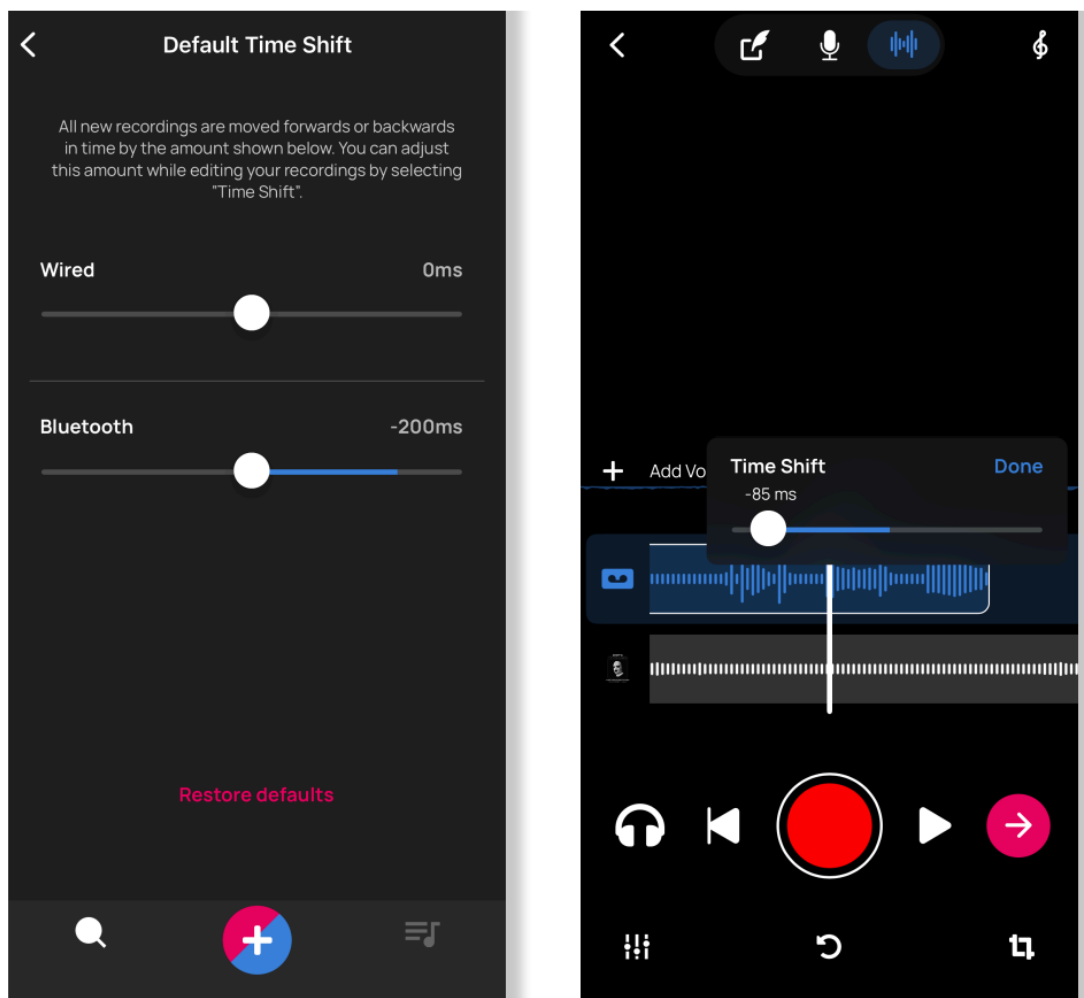
REVIEW VIEW

The Review View appears once you press "Next" in the Edit View.
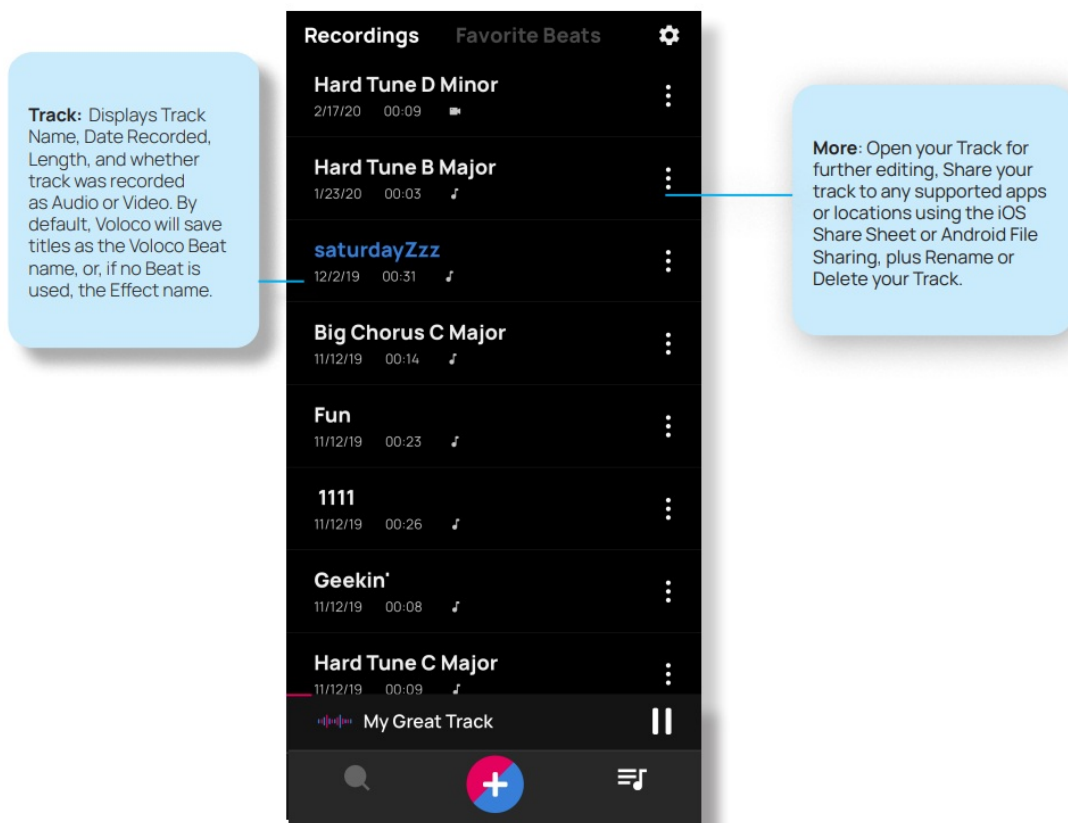
If Record Backing Vocals was enabled in Performance View during recording, this audio will include both the backing track and vocals combined into one flattened piece of audio. If Record Backing Vocals was disabled, this will only include your recorded vocals. This is useful if you plan to further edit your vocal track in a DAW or other recording software.

Edit Name: Tap on your track name to edit. This name will be saved in Recordings and any exported filenames.

By default, Voloco will save the beat name you used as the track name. If you do not use a beat, Voloco uses the Effect name as the default name.

Save: Saves your track to Voloco's Recordings page. (You can share/ export tracks later from Recordings as well.)

Review

< Save

(Edit Name)

My Great Track

00:22   00:37

Cursor/Time: The time on the left shows the current time, the right shows the overall track length. Grab the cursor with the blue circle to scrub through your track.

Waveform & Slider: Listen back to your track, view the waveform and scrub through the audio.

Share: Tap Share, then select to Share as Audio or Video. Then share your track to any supported apps or locations. (You can share/ export tracks later from Recordings as well.)

↪ Share

RECORDINGS

Recordings

Recordings shows all tracks that have been saved after recording. Access Recordings by tapping on the Recordings icon in the bottom right hand corner of the screen when launching Voloco. Tap on a track to play. You can Edit & Share your Tracks after recording here.

Track: Displays Track Name, Date Recorded, Length, and whether track was recorded as Audio or Video. By default, Voloco will save titles as the Voloco Beat name, or, if no Beat is used, the Effect name.

Recordings   *Favorite Beats*   ⚙

Hard Tune D Minor
2/17/20   00:09   ▪   ⋮

Hard Tune B Major
1/23/20   00:03   ♪   ⋮

saturdayZzz
12/2/19   00:31   ♪   ⋮

Big Chorus C Major
11/12/19   00:14   ♪   ⋮

Fun
11/12/19   00:23   ♪   ⋮

1111
11/12/19   00:26   ♪   ⋮

Geekin'
11/12/19   00:08   ♪   ⋮

Hard Tune C Major
11/12/19   00:09   ♪   ⋮

◢◣◤ My Great Track   ❚❚

🔍   ➕   ♫▤

More: Open your Track for further editing, Share your track to any supported apps or locations using the iOS Share Sheet or Android File Sharing, plus Rename or Delete your Track.

Favorite Beats

Tap on Favorite Beats near the top of the Recordings View to see your favorited Beats by other users (requires a Voloco Account).

Recover Project

If you exit Voloco without saving, Voloco will recover the project and will alert you when you next enter the app. You can save your recording before exiting Voloco by tapping the Back button in Performance View. Tapping Discard changes will permanently delete your Track.
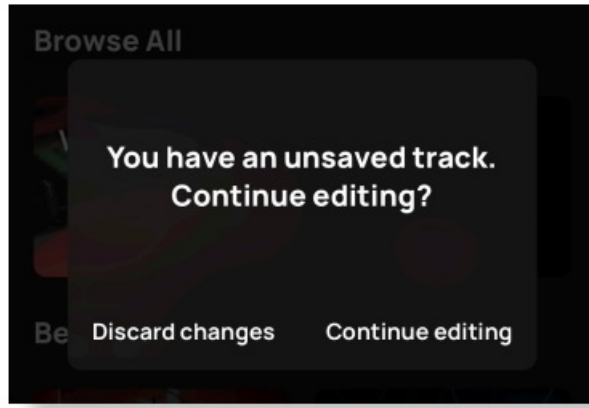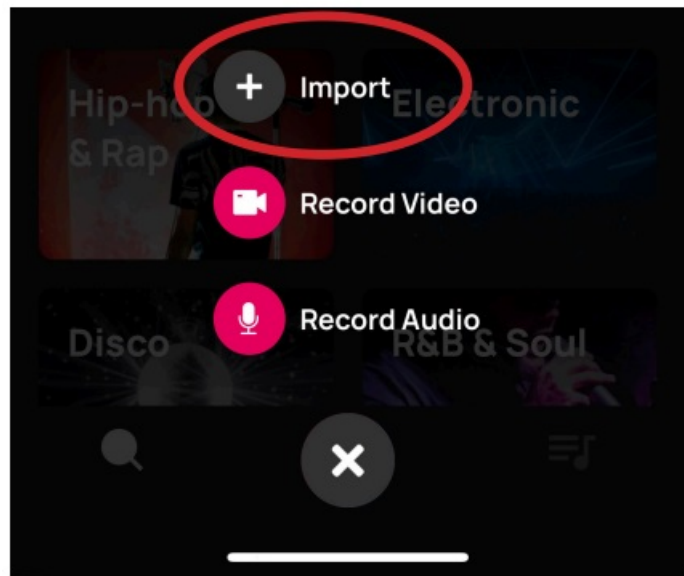

IMPORTING

Want to use a beat that isn't available on Voloco Beats? Voloco offers built-in tools to import any audio track and filters to isolate vocals and beats, even from flattened audio.

Start by **tapping the + icon in Discover View,** then tap Import.

You can then select audio from a video on your Camera Roll, iTunes (iOS only), or your Files. **(Note:** DRM-protected music in iTunes is not available for import. To hide DRM-protected music from your list, you can turn on "Hide DRM Tracks in iTunes" in Settings.)


You can then select audio from a video on your Camera Roll, iTunes (iOS only), or your Files. **(Note:** DRM-protected music in iTunes is not available for import. To hide DRM-protected music from your list, you can turn on **"Hide DRM Tracks in iTunes"** in Settings.)
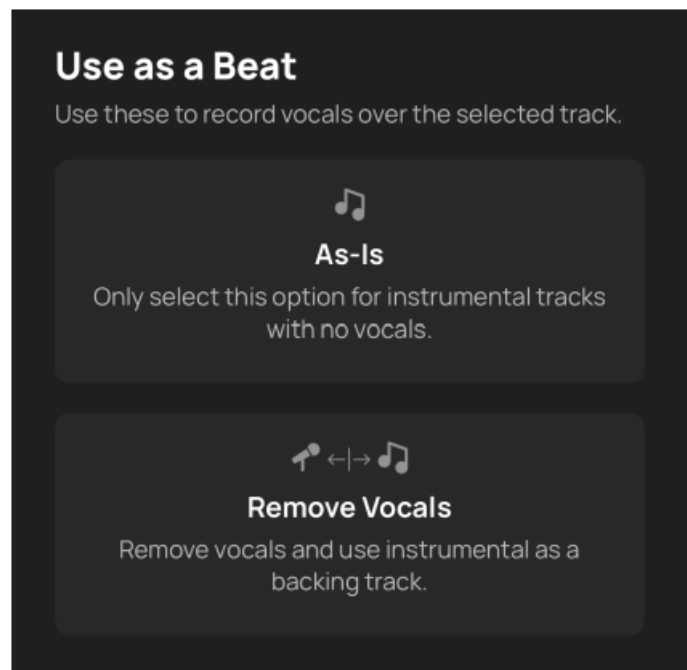
Use as a Beat
Use these to record vocals over the selected track.
As-Is: Only select this option for instrumental tracks with no vocals.
Remove Vocals: Remove vocals and use instrumental as a backing track.
Voloco will import the file, remove vocals, then insert the result into Edit View. While this tool is powerful, working with an original instrumental track is always ideal, and you may hear digital artifacts in the resulting Beat.
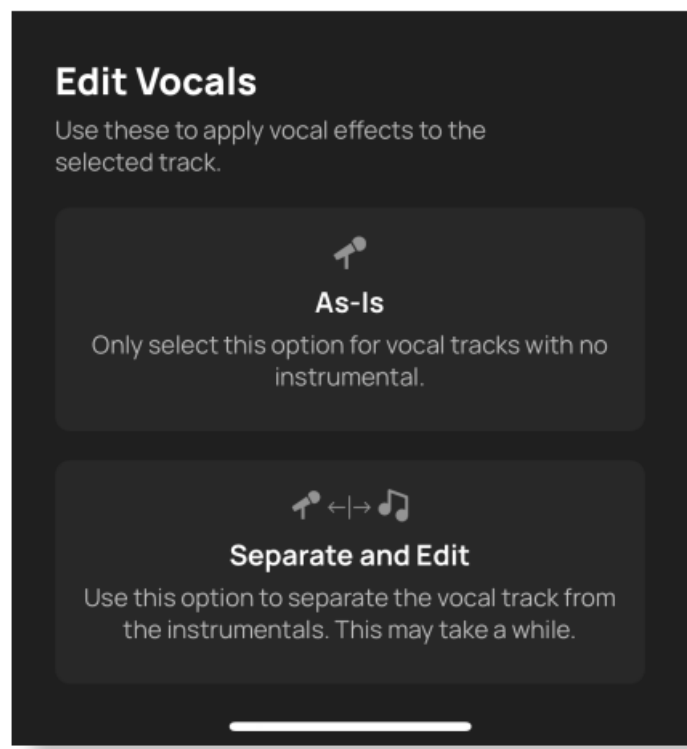

Edit Vocals
Use these to apply vocal effects to the selected track.
As-Is: Only select this option for vocal tracks with no instrumental.
Separate and Edit: Use this option to separate the vocal track from the instrumentals. This may take a while.
Voloco will import the file, separate the vocals, then insert the result into Edit View, where you can add Effects.
You may hear digital artifacts in the resulting vocal.
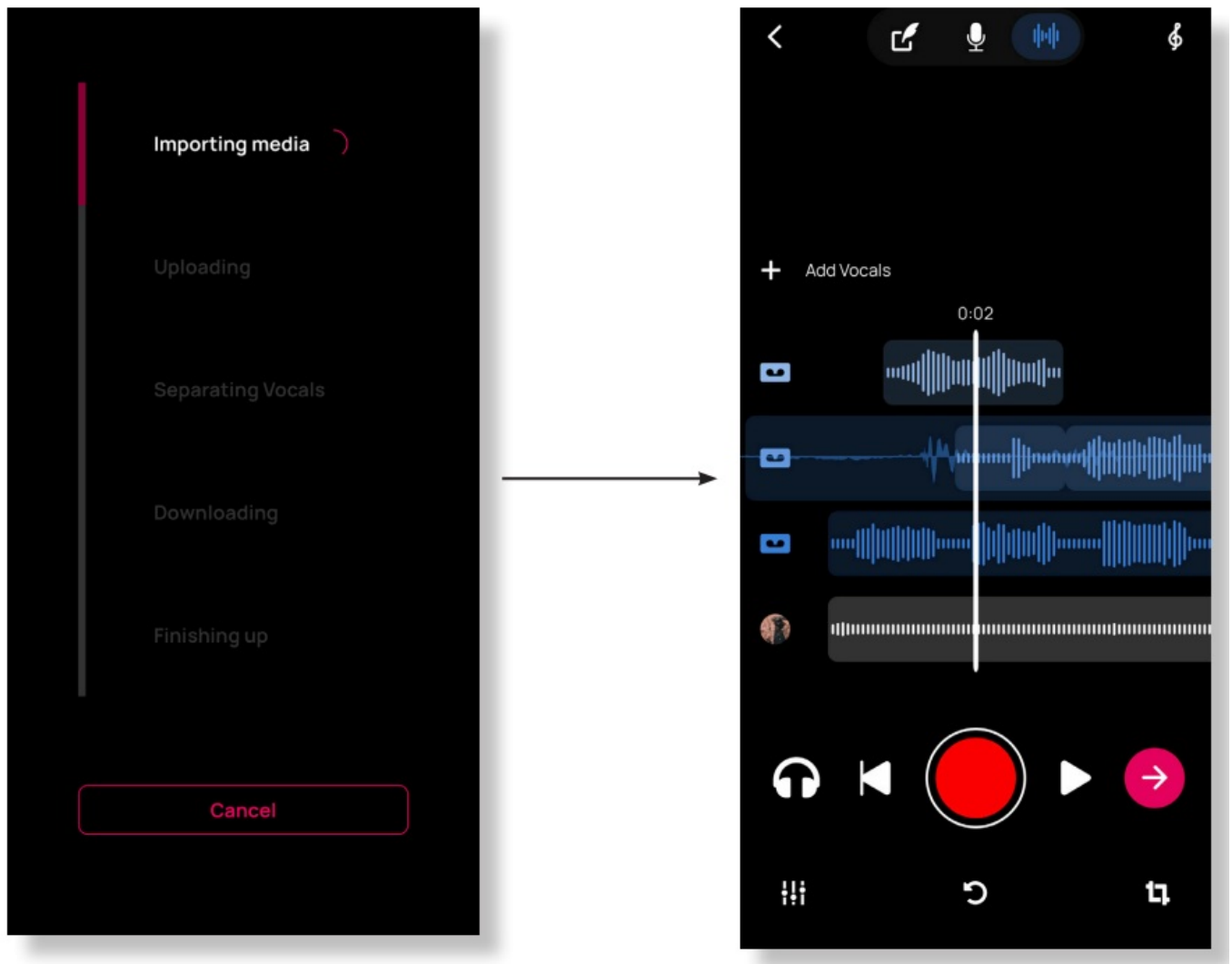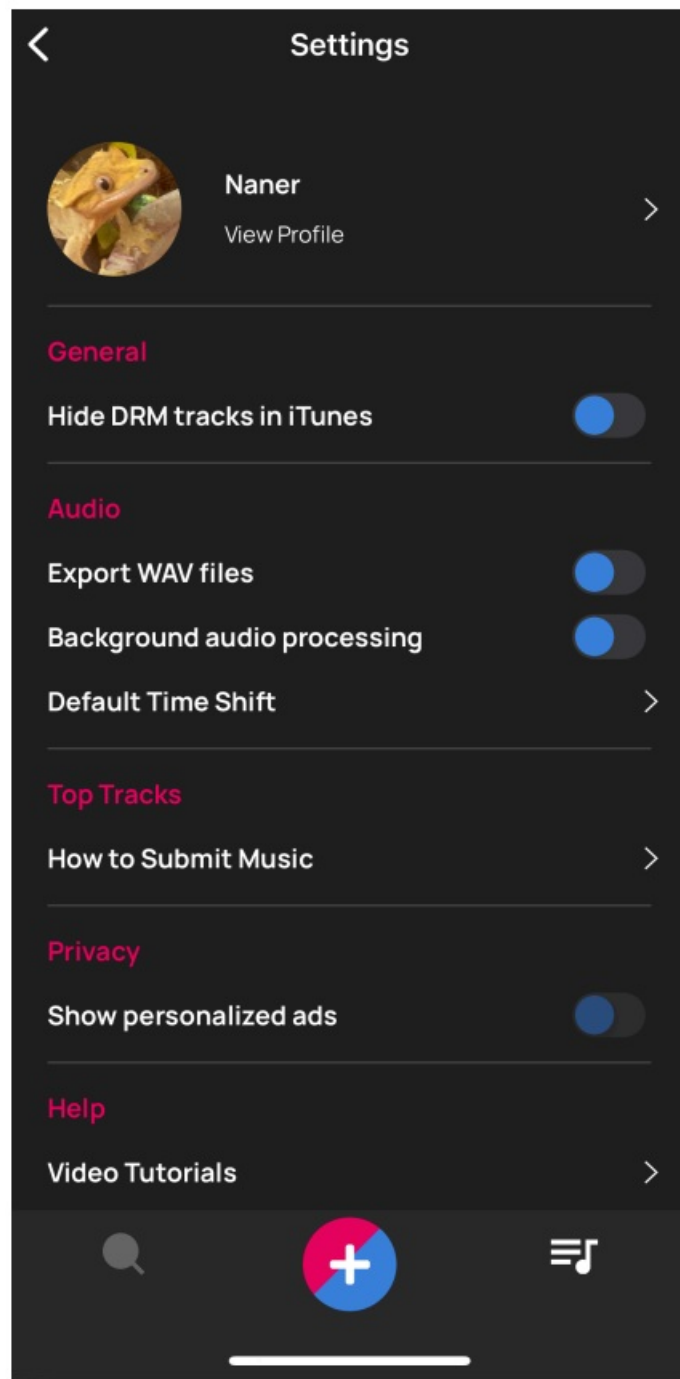
SETTINGS

The Settings page can be reached from the Discover View or My Tracks by **tapping the gear icon** in the top right hand corner of the screen.

Voloco Account

A Voloco Account allows you to showcase your approved Beats and Tracks, as well as Favorite other users' Beats and Tracks.

Tap Sign In to Voloco to create an account or sign into an existing account via Google, Facebook, or Apple (iOS Only).

Once you've signed into an account, you can view your Profile by **tapping on your Profile Name in Settings.**

Here you can view your approved Beats and Tracks as well as edit your Profile Picture, Username, and Bio.

App Settings

Record WAV files (Premium Only): Toggle between lower-quality compressed audio or lossless WAV audio. WAV audio takes up more storage on your device, but is higher quality. Useful if you plan on editing your vocals in a DAW or other editing app. (Tracks recorded with WAV will show a "WAV" icon in My Tracks View).

Background audio processing (iOS Only): Allows Voloco to access Background App Refresh. Useful for connecting Voloco with third-party audio apps such as Audio bus.

Auto-select selected scales for presets: When selecting certain presets, this setting automatically loads a suggested the Scale for that preset. You can change to a custom Scale after loading the preset.

Prevent Fee back (Android Only): Uses audio filtering & latency protection to prevent feedback noise while monitoring audio. Using headphones to record prevents feedback overall.

Hide DRM tracks in iTunes (iOS Only): Automatically hides tracks in your iTunes Library that contain Digital Rights Management that cannot be loaded into Voloco and used for recording.

Top Tracks

How to Submit Music: Want to get featured? Submit a Track or Beat at **voloco.resonantcavity.com**.

Privacy

Show personalized ads: Toggle whether personalized ads are enabled throughout the app.

Help

Video Tutorials: Links to a **Volos's YouTube channel** showing the basics of Voloco along with advanced

techniques.

Rate / Review: Rate or Review Voloco in the App Store.
Permissions (iOS Only): Links to the iOS Settings app & Voloco preference pane allowing Voloco access to your Microphone, Camera, Siri & Search, Notifications, Background App Refresh, and Cellular Data. Note: Voloco needs access to your Microphone at a minimum to record Audio, and Camera to record Video.
Frequently Asked Questions: Links to the Voloco FAQ page.
Social Media (Android Only): Links to Voloco Social Media accounts.
Contact Support: Pre-populates an email to Voloco support with your Voloco App version, iOS/Android software version, and iOS/Android device model.
Voloco Premium
Manage Subscription: In iOS, takes you to the App Store Subscriptions page where you can renew, manage, or cancel your Premium subscription.
Restore Purchases (iOS Only): Restore your Premium Subscription from the App Store if you've deleted and reinstalled Voloco.
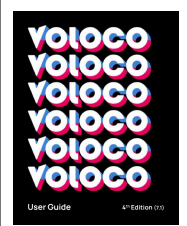**Account**
Sign out: Sign out of your Voloco Account. You can sign back in by using your Google, Facebook, or Apple (iOS Only) account.

Delete Account: Permanently deletes your account **(Warning:** If you complete account deletion, your user data will be immediately erased and is not recoverable.) Tracks in
progress you've recorded in Voloco are saved on your device, not your Voloco account.

Documents / Resources

[VOLOCO 4th Edition Voice Processing App](#) [pdf] User Guide
4th Edition, 4th Edition Voice Processing App, Voice Processing App, Processing App, App

References

- ⩔ [Voloco](#)
- ⩔ [Voloco Producer](#)