Thanks for downloading Voloco!

About Voloco
Voloco is a real-time voice-processing app that combines automatic tuning, harmony, and vocoding. Pick a track from your music collection or Voloco’s free beat library to sing or rap over, and Voloco will guess the key of the track and tune your voice to that key.

• Apply automatic tuning or harmony live
• Over 40 vocal presets
• 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 Voloco’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 Voloco’s scales, keys, effects and more.

About This Manual
The 2nd Edition was written, edited and designed by Kaye Loggins with support from Resonant Cavity, the team behind Voloco. This manual uses the Humaaans illustration library by Pablo Stanley.
1. 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 boomy, 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 opening 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 Voloco’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 on an iOS device, Voloco will only output monitor audio through the receiver and record through the smartphone’s bottom mic. To record audio in this mode, hold the phone up as if you were making a phone call. On an Android device, Voloco will not output monitor audio at all unless headphones are plugged in.

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

A lot of people use Bluetooth headphones for the convenience of a wireless connection. Many Bluetooth headsets also have a built-in microphone for taking phone calls or recording audio. Some Voloco users like to use Bluetooth headsets while recording tracks, but this comes with a tradeoff: because Bluetooth is transmitting information wirelessly, there can be a delay (or latency) between the backing track and your recorded vocals, as well as latency when doing vocal monitoring, because of the time it takes to transmit audio plus the time it takes Voloco to process your audio. **When possible, use wired headphones/microphones with Voloco** to eliminate latency for the most accurate recording, keeping your vocals on top of the beat. However, if you do use Bluetooth headsets, Voloco will record audio from your device's built-in microphone, not the microphone in your Bluetooth headset. 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 Vocal Sync feature adjusts for audio delay over a backing track. After recording, tap the Vocal Sync button in the Edit View to adjust latency from 0ms to up to 250ms – more info on page 22.

Voloco Workflow

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

Discover View is the first page that appears when you launch Voloco, allowing you to select a backing track for your next Track or check out the Top Tracks made using Voloco.

Top Tracks
Listen to Top Tracks made using Voloco, selected by the Voloco Team. Tap “See All” to view Top Tracks Page.

Voloco Beats
Select premade and curated beats to use as the basis for your next track. Tap “Select” to load the track into the Create View & select your effect to start recording. Play controls for the track are located at the bottom of the screen. Tap “See All” to view Voloco Beats Page.
Top Tracks Page

Each track is shown with larger artwork, artist name. Below the track, view play count, likes, & reposts. The Voloco effect the artist used on the track is listed on the bottom right of the track view. Tap on the effect to load it into the Create View.

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 Voloco to Top Tracks, visit Voloco for Creators at voloco.resonantcavity.com. All submissions are reviewed by Voloco’s Content Curation team.
Voloco Beats Page

New/Hot/Favorite
Sort Voloco 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. 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.)
3. PERFORMANCE VIEW

Performance View is your toolkit - the place where you’ll set your effects and actually record your audio for your Tracks. **Tap the + Icon** after launching Voloco to enter Performance View.

- **Audio/Video**: Toggle between recording audio-only or a video w/ Voloco Audio. Once Video is selected, tap the Camera button in the top-right hand of the screen to switch between Rear and Front-Facing cameras.

- **Vocal Monitor**: Toggle whether you hear your audio input when recording. This will not mute audio input before hitting 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.

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

- **Musical Note**: 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. If you’ve turned off vocal monitoring, the vocal track will mute while audio is recorded.

  *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.

- **Quickswitch (Premium Only)**: You can save up to 3 presets for quick selection. Long press to edit a preset, then select your Scale, Key, and Effect. You can switch effects while recording.

- **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.

- **Effect**: Selects the Effect that 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.

- **EQ/Reverb**: An important combination in any vocal mix, EQ and Reverb help to sculpt and fill out your sound.

- **Mix**: Control the recording and monitoring levels of audio.
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 is called tonic. There are 12 notes in most Western music:

C | D | E | F | G | A | B | C
C# (or Db) | D# (or Eb) | F# (or Gb) | G# (or Ab) | A# (or Bb)

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 working with a custom backing track, the track will already have a Key that you’ll need to either know in advance or use your ears to match. When using Voloco Beats, Voloco will automatically select the correct Key and Scale for your Beat, but you can change it afterwards 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.
**Effects**

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 selecting your Effect. For effects with Pitch correction strength or Arpeggiator speed settings, these controls will appear when that Effects 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.

**Noise Reduction Only**: This effect doesn’t process pitch-correction or a vocoder, and simply uses audio filtering technology to remove background noise.
Effects (cont.)

Talkbox
*Classic and future electro-funk sounds.*

**Classic:** A talkbox emulation sound inspired by Zapp & Roger.

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

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

**Shadow Bass:** A lower octave sits below your voice with heavy pitch correction.

**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 talkbox sound to outer space with LFOs that modulate FM synthesis.

Modern Rap I
*Like a Boss.*

**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.

**World Wide:** 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.

**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.

**Triple Double:** A three voice preset with two slightly different unison voices and a subtle third voice pitched an octave down.

Modern Rap II
🔥🔥🔥

**Congrats:** A chordal sound with chorus effect, inspired by the vocals of Post Malone’s “Congratulations.”

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

**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.

**Medium Demon:** A frequency modulated, LFO effect for experimentation.
Effects (cont.)

**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.

**P-Tain**
*Sexy harmonies and deep-voiced basses. 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.
Bon Hiver
*Lush harmonies in the style of Bon Iver’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.

Duft Pank
*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.

8 Bit Chip
*Funky bleeps and bloops inspired by classic video games.*

Super Bloop: 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.

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.
Mix

Control the recording and monitoring levels of audio.

**Vocals**: Vocal input volume from the microphone.

**Backing Track Volume**: Volume of the backing track in monitoring and recording.
EQ/Reverb

An important combination in any vocal mix, EQ and Reverb 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.

**Sibilance cut:** The opposite of brightness. This lowers the high end to create a duller, more rounded-off sound useful for some tracks.

**Telephone:** Cuts out the low and high end, leaving the middle for a canned, phone-like sound.
EQ/Reverb (cont.)

**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”).
- **Gentle envelope**: Light, all-around compression compatible with most tracks.
- **Slight thickening**: Adds depth and grit to the low-middle range.
- **Slow attack**: Allows the compressor to let through a lot of initial impact, giving the vocal track a punchier sound.
- **Parallel compression**: Mixes the compressed audio signal with your original, non-compressed 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**
- **Medium room**
- **Long and narrow**
- **Cathedral**
Pitch Correction vs. Vocoder

Voloco’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 mathematical 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.
Quickswitch (Premium Only)

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

1. Tap the Quickswitch button in the bottom section of Performance View.

2. Long press on an effects preset to edit, then select your Key, Scale, and Effect. Tap the arrow to collapse the Quickswitch Edit menu.

3. The Quickswitch 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.
4. EDIT VIEW

The Edit View appears on-screen automatically after you’ve finished recording your audio. The audio will split between the vocal track and backing track. Here, you can refine your mix, effects, Keys/Scales, EQ, crop your track, or use Vocal Sync to adjust latency introduced during the recording process.

**Vocal Waveform:** Shows a waveform preview of your vocal track.

**Vocal Sync:** Helps to reduce latency (delay) introduced when recording audio through Bluetooth headphones or other indirect sources. Tap to reveal a slider to adjust vocal latency from 0ms to 250ms. Listen back to your audio to hear if the correction brings your track into time.

**Track Waveform:** Tap to toggle whether the backing track is playing or muted in your final product. Shows a waveform preview of your backing track.

**Key/Effect/Mix/EQ:** Because Voloco records vocals and backing tracks separately, you can change all the Effects you selected in the Create View after recording before you save your track. All Keys, Effects, Mix settings, and EQ/Reverb are the same selections available in the Create View.

**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.

**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.

**Back:** Jumps back to the beginning of the track.

**Play:** Plays audio from the current position.

**Next:** Commits edits and progresses to the Review View.
**Crop/Trim**

1. **Tap the Crop button** in Edit View to access the Trim 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.
Vocal Sync

Allows you to correct for audio latency (delay) in the vocal track by moving the backing track in time to match the vocal. Tap to reveal a slider to adjust vocal latency from 0ms to 250ms. Listen back to your audio to hear if the correction brings your track into sync.

*Note: Vocal Sync setting will save throughout the entire app & will be enabled the next time you record audio. You can adjust latency again if you switch microphones/headphones.*
5. 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.*

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

**Share as:** Select Share as Audio or Share as Video, then share your track to any supported apps or locations. In iOS, video can be exported as audio to supported apps. (You can share/export tracks later from Recordings as well.)

**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.

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

Recordings
My Tracks 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.

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).

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.

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

The Settings page can be reached from the Discover View or My Tracks by tapping the gear 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 Audiobus.

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

Low CPU Visualizer (Android Only): Uses a waveform visualizer that uses less system CPU power while recording audio.

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

**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.

**Send usage data to developer:** Sends part of your app usage data to developers to allow them to improve Voloco.

**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.

**Top Tracks**

**Video Tutorials:** Links to a 14-part YouTube playlist from Slam Academy showing the basics of Voloco along with advanced techniques.

**Restore Purchases (iOS Only):** Restore your Premium Subscription from the App Store if you've deleted and reinstalled Voloco.

**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.

**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.)*