

REACTOR App

User Manual

Version 0.4.0 · April 2026



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1. Getting Started

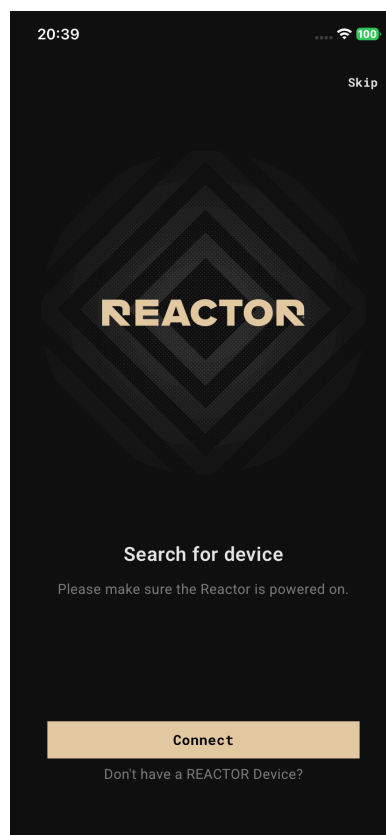
REQUIREMENTS

- A **Positive Grid REACTOR amplifier**, powered on and within Bluetooth range (~10 meters / 30 feet).
- An **iPhone** running iOS 17 or later, **or an Android device** running Android 8.0 (Oreo) or later.
- **Bluetooth enabled** on your device.

DOWNLOAD & INSTALL

- **iOS:** Open the **App Store**, search for "**REACTOR**" by Positive Grid, and tap **Get**.
- **Android:** Open the **Google Play Store**, search for "**REACTOR**" by Positive Grid, and tap **Install**.

CONNECTING YOUR REACTOR



When you first launch the app, it immediately begins searching for your REACTOR over Bluetooth. No account or sign-in is required.

1. **Enable Bluetooth** if prompted. Grant the necessary permissions when asked.
2. **The app scans automatically.** You will see a "Connecting to device..." screen while it searches.
3. **Your REACTOR connects automatically.** If only one REACTOR is found, the app pairs immediately, syncs your presets and settings, then takes you to the Tone screen.

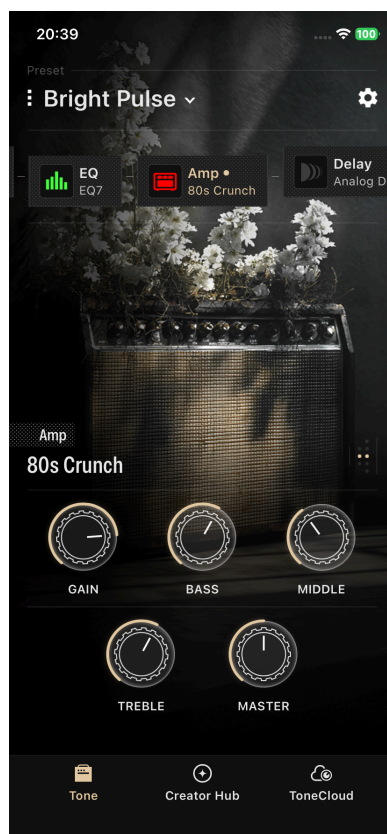
If **multiple REACTOR amps** are found nearby, swipe through the device cards and tap the one you want to connect to.

If a **firmware update** is available, the app will prompt you before continuing. Critical updates are required; optional updates can be postponed.

Don't have a REACTOR? Tap "**Skip**" to explore the app without a connected amplifier.

Note: Log in to access the full features of ToneCloud and Creator Hub.

APP OVERVIEW



After connecting, you land on the **Tone** screen. The app is organized into three main tabs at the bottom of the screen:

TAB	WHAT IT DOES
Tone	Your main workspace — browse presets, edit your signal chain, and adjust parameters.
Creator Hub	Tone creation tools — describe a sound, upload a photo, provide a song, or ask it to fix your current tone.
ToneCloud	Browse and download tones shared by the REACTOR community and Positive Grid.

The **gear icon** in the top-right corner opens **Settings**, where you can manage your device, account, tuner, and more.

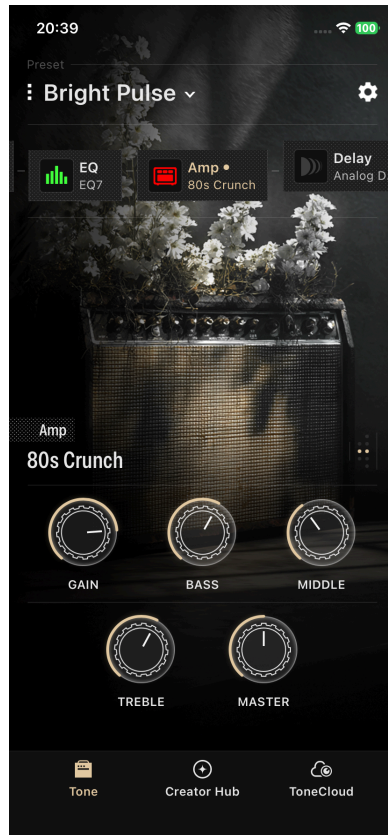
CONNECTION TROUBLESHOOTING

If the app shows "**No Device Found**":

1. Make sure the REACTOR is **powered on** and within Bluetooth range.
2. Check that **Bluetooth is enabled** on your phone.
3. **Press the Pair button** on the amp, then tap **Retry** in the app.
4. **Restart Bluetooth** on your phone, or restart the REACTOR amplifier.
5. Make sure the REACTOR is **not connected to another device** — it supports one connection at a time.

Still having trouble? Contact Positive Grid support at support.positivegrid.com.

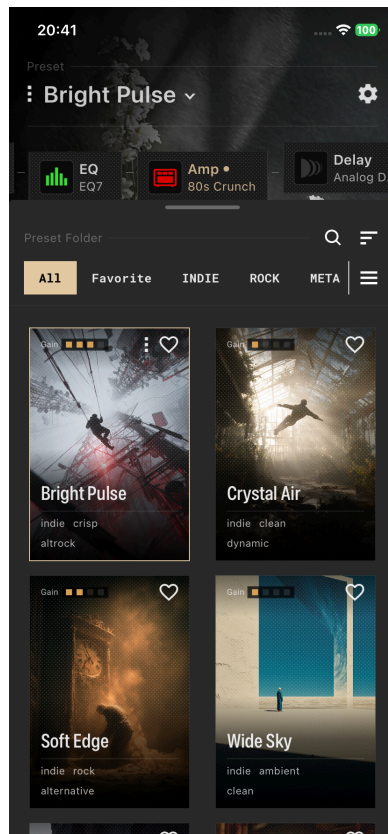
2. The Tone Screen



The Tone screen is your home base. It is organized into four areas from top to bottom:

1. **Top Bar** — Shows the current preset name. Tap the name to browse presets. The **three-dot menu** (⋮) opens the Preset Action Menu. The **gear icon** opens Settings.
2. **Signal Chain** — A horizontal strip showing every module in your tone (amp, effects, EQ) in processing order.
3. **Control Panel** — Knobs, sliders, and switches for the currently selected module.
4. **Bottom Bar** — Explore input and ToneCloud shortcut.

SELECTING A PRESET

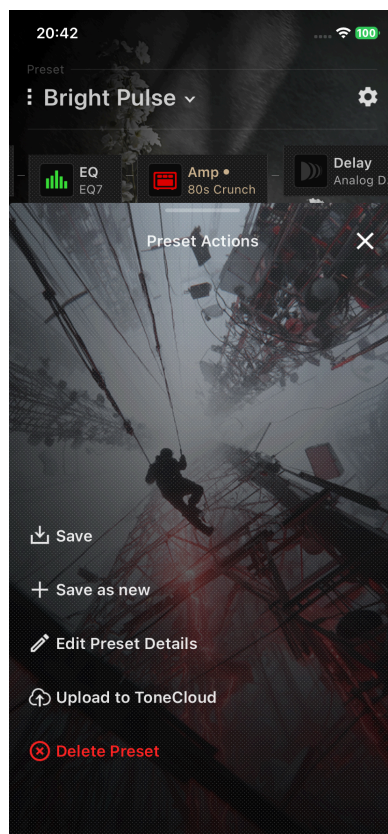


Tap the **preset name** in the top bar to open the **Preset Menu** — a bottom sheet showing all your presets in a two-column grid. Each card displays the preset name, tags, gain stage, and a favorite icon.

- **Tap** a preset to load it on your REACTOR.
- **Double-tap** to load it and close the menu in one step.
- **Tap the heart icon** on any card to toggle it as a favorite.

A small **dot** next to the preset name in the top bar indicates unsaved changes to the current tone.

THE PRESET ACTION MENU



The **three-dot menu button** (;) to the left of the preset name is how you manage the active preset. Tap it to open the Preset Action Menu with the following options:

ACTION	DESCRIPTION
Save	Overwrite the current preset with your changes.
Save as New Preset	Create a new preset from your current tone. Enter a name, choose a folder, and review suggested tags.
Edit Preset Details	Update the preset's name and tags without changing any sound parameters.
Upload to ToneCloud	Share the preset with the Positive Grid community.
Assign to REACTOR	Write the preset to a hardware slot on your REACTOR. Choose a slot number to assign it. <i>(Requires connection)</i>
Delete Preset	Permanently remove the preset from your library. <i>(Not available for hardware presets)</i>

Long-Press Context Menu

You can also **long-press** any preset card in the Preset Menu to open a context menu for that specific preset. This menu includes:

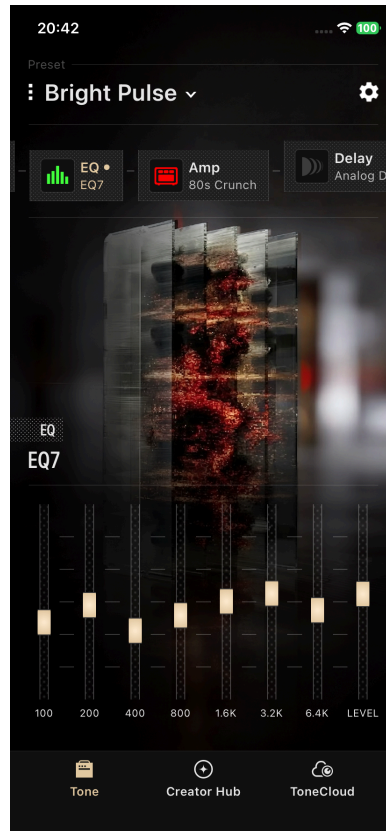
ACTION	DESCRIPTION
Edit Preset Details	Update name and tags.
Move To	Move the preset to a different folder.
Assign to REACTOR	Write to a hardware slot. <i>(Requires connection)</i>
Delete	Remove the preset. <i>(Not available for hardware presets)</i>

Note: Some actions are hidden depending on context. For example, Save and Upload to ToneCloud are not available while previewing a ToneCloud or newly generated preset.

3. Editing Your Tone

All changes are sent to your REACTOR in real time — play and listen as you tweak.

SIGNAL CHAIN



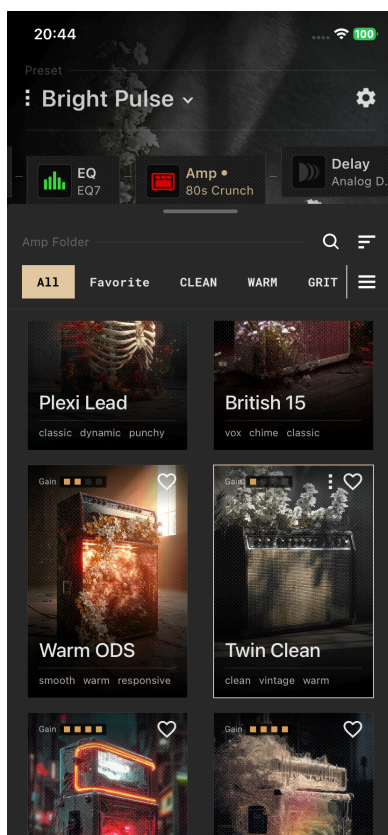
The **Signal Chain** is the horizontal strip showing every module in your tone, arranged in processing order. Available module types:

- **Gate** — Noise gate
- **Comp** — Compressor
- **Drive** — Overdrive, distortion, and fuzz
- **Amp** — The REACTOR Amp module; holds your currently loaded amp model
- **Mod** — Modulation effects (chorus, flanger, phaser, tremolo)
- **Wah** — Wah pedal
- **Delay** — Delay and echo
- **Reverb** — Reverb
- **EQ** — Parametric equalizer
- **Loop** — Effect loop

Working with Modules

- **Tap** a module card to select it and show its parameters in the Control Panel.
- **Double-tap** a module card to open the **Module Menu** and swap it for a different model.
- **Swipe up** to bypass (disable) a module. **Swipe down** to re-enable it. The Amp module cannot be bypassed.
- **Long-press and drag** a module to reorder it in the signal chain. The position of effects relative to the amp significantly affects your sound.

SELECTING AMP MODELS



Double-tap the Amp module (or tap the amp type label in the Control Panel header) to open the **Amp Menu**. It displays your amp collection in a two-column grid.

- **Tap** an amp to load it. **Double-tap** to load and close the menu.
- Use **folders**, **search**, and **sort** (Newest, Name, Gain Stage) to find amps quickly.
- **Long-press** any amp card for additional options: Edit, Move, Upload to ToneCloud, Assign to REACTOR, or Delete.

ADJUSTING PARAMETERS



When a module is selected, the Control Panel shows its adjustable parameters as labeled knobs (or sliders for the EQ module).

- **Drag up** on a knob to increase its value, **drag down** to decrease.
- **Double-tap** a knob to reset it to center (50%).

AI Switch (REACTOR Amp Only)

The REACTOR Amp has an exclusive **AI Switch** in the Control Panel header. It adjusts two dimensions:

- **Push / Smooth** (3 states) — Attack feel: Neutral, Push, or Smooth.
- **Heat level** (5 states) — Saturation intensity from Heat-- through Neutral to Heat++.

Tap the AI Switch icon to expand and adjust.

BPM-Synced Effects

Time-based effects (Delay, Tremolo) support **BPM sync**. Tap the **BPM indicator** in the header to toggle sync on/off. When active, the time/rate knob snaps to beat divisions (1/4 note, 1/8 note, dotted, triplet).

GESTURE QUICK REFERENCE

GESTURE	WHERE	ACTION
Tap	Module card	Select module, show its controls
Double-tap	Module card	Open Module/Amp Menu to swap model
Swipe up / down	Module card	Bypass / re-enable the module
Long-press + drag	Module card	Reorder in the signal chain
Drag up/down	Knob or slider	Increase / decrease value
Double-tap	Knob or slider	Reset to center

4. Organizing Your Presets

FOLDERS

Presets are organized into folders, shown as tabs at the top of the Preset Menu.

Built-in Folders

FOLDER	DESCRIPTION
Favorite	All presets you have marked as favorites.
Hardware	Presets stored on your connected REACTOR. Only visible when connected.
All	Every preset saved locally on your device.

Custom Folders

Create folders to organize presets by genre, gig, or any system you like (e.g., "Blues," "Rock," "Live Set").

Long-press any folder tab or tap the **menu icon** at the end of the folder row to open the **Folder Manager**, where you can:

- **Add** a new folder
- **Rename** an existing folder
- **Delete** a custom folder (system folders cannot be deleted)
- **Reorder** folders by dragging

SEARCHING & SORTING

From the Preset Menu:

- Tap the **search icon** to filter by keyword, folder, or gain stage (Clean, Low, Mid, High).
- Tap the **sort icon** to order by Newest, Name, or Gain Stage.

PRESET BPM

Every preset includes a **BPM** setting that controls tempo-synced effects. Open the BPM editor from the Tone page to adjust:

- Tap **+/-** to adjust by 1. **Long-press** for steps of 10.

- Tap the BPM number to type an exact value (range: 40–300).
- Tap the **TAP** button repeatedly to set tempo by feel.

ASSIGNING PRESETS TO HARDWARE

Tap **Assign to REACTOR** in the Preset Action Menu (three-dot button or long-press context menu) to write a preset to a specific hardware slot on your REACTOR. This lets you recall it directly from the amplifier without the app.

UPLOADING TO TONECLOUD

Tap **Upload to ToneCloud** in the Preset Action Menu to share a preset with the community. Provide a name, tags, and gain stage details before uploading.

5. ToneCloud

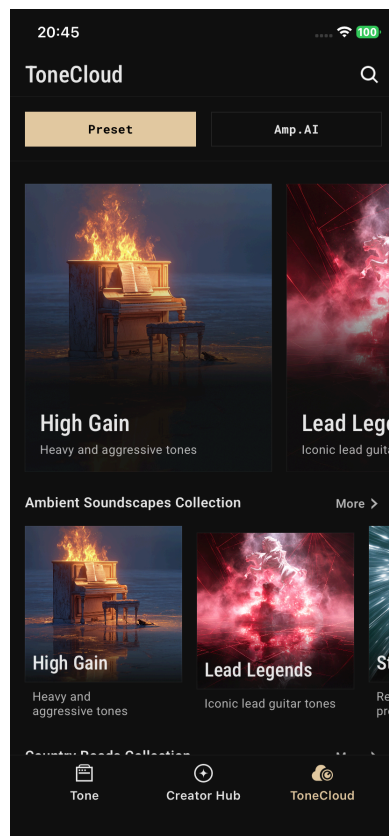
ToneCloud is Positive Grid's online tone library, accessible from the **ToneCloud** tab. It requires an internet connection.

CONTENT TYPES

- **Preset** — Complete tones with amp, effects, and all signal chain parameters. Ready to play.
- **Amp.AI** — Custom amp models you can load into existing presets to change the core amp character.

Switch between the two using the tabs at the top of the ToneCloud screen.

BROWSING



- **Featured packs** appear at the top as large scrollable cards — curated collections by Positive Grid.
- **Themes** below group tones by genre or style (e.g., "Popular," "New Arrivals"). Tap **More** to see all packs in a theme.
- Tap any pack card to see its contents.

SEARCHING

Tap the **search icon** to search by name, style, or artist. Filter results by type (Preset or Amp).

PREVIEWING

Tap any tone card within a pack to **preview** it on your connected REACTOR in real time. Tap again to stop, or tap a different card to switch.

DOWNLOADING

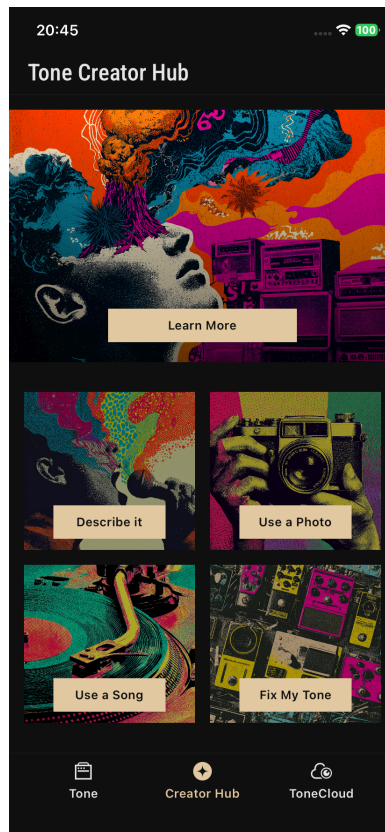
Tap the **download icon** on a tone card. Edit the **name**, choose a **destination folder**, then tap **Download**.

If the tone includes a custom Amp.AI model not yet in your library, you will be prompted to save the amp as well.

6. Creator Hub

The **Creator Hub** tab is where you create new tones from scratch and refine the tone you already have.

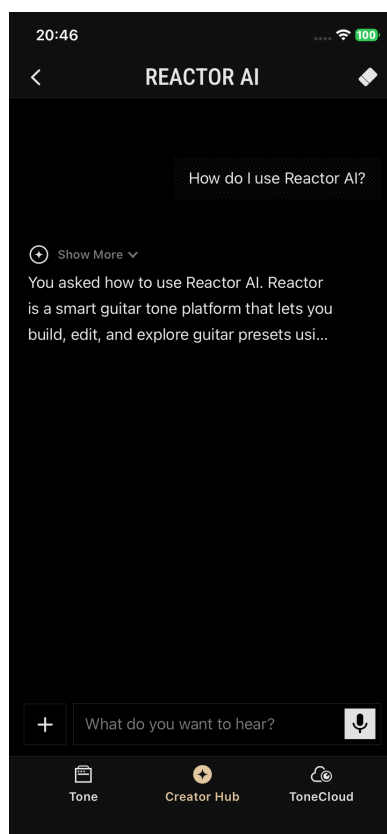
CREATION METHODS



The Creator Hub offers four ways to create tones:

- **Describe It** — Type or speak a description of the sound you want.
- **Use a Photo** — Select a photo from your library or take one using your device's camera; the app analyzes it for music-related elements (artists, amps, albums, gear) and suggests a matching tone.
- **Use a Song** — Upload an audio file or use your device's screen recording function to capture audio playing on your device (30–60 seconds recommended). The Creator Hub crafts a tone inspired by it.
- **Fix My Tone** — Describe what to change about your current tone.

CHAT INTERFACE



Each creation method opens a conversational chat. Type a request or tap a **suggestion prompt** to start. The chat responds with explanations, tone recommendations, and downloadable preset cards. Tap **follow-up suggestions** to refine the result.

Tap the + button in the top bar to start a new conversation.

Voice Input

Tap the **microphone** button to speak your request instead of typing.

Modes

Tap + next to the text field to access modes:

- **Amp Generation** — Focus on generating amp models.
- **Study and Learn** — Educational mode explaining gear, techniques, and tonal concepts.
- **Add Files** — Attach an audio file for analysis.

MUSIC-TO-TONE

After providing audio, the Creator Hub generates up to four style variations (**A, B, C, D**). Tap the labels to switch between them. Tap **Save This Tone** to name it, choose a folder, and save.

Your audio is analyzed in real time and never stored.

PREVIEWING & DOWNLOADING TONES

Generated tones appear as scrollable cards in the chat. Tap a card to **preview** it on your REACTOR. Use **thumbs up/down** to provide feedback that improves future suggestions.

Tap the **download icon** on a card to save it. Edit the name and choose a folder before downloading.

Presets vs Amps

The Creator Hub can generate two different types of content:

TYPE	WHAT IT IS	WHEN TO USE
Preset	A complete tone — includes the amp model, all effects in the signal chain, and every parameter setting.	When you want a ready-to-play sound. Download it and it works as-is.
Amp	An individual generated amplifier model that defines the core amp character (gain structure, EQ response, feel). Does not include effects.	When you want to change the foundation of an existing preset without losing your effects setup. Load it into any preset's amp slot.

When using **Amp Generation** mode, the Creator Hub focuses on creating amp models. In the default chat mode, it typically generates full presets.

Tips

- Be specific: "warm, crunchy Marshall tone with slapback delay, like early Led Zeppelin" works better than "rock tone."
- Use follow-up suggestions to refine. Combine input types (e.g., photo + text).
- Try all four Music-to-Tone variations — they can differ significantly.

7. Tuner

The REACTOR app includes a built-in chromatic tuner that detects pitch through your amplifier's hardware — no microphone needed. It requires a connected REACTOR.

ACCESSING THE TUNER

Tap the **gear icon** → **Tuner** in the Settings menu.

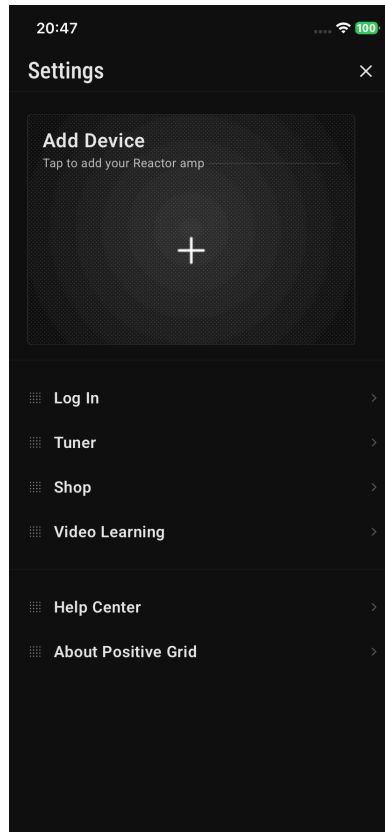
READING THE TUNER

- The large **note letter** in the center shows which note the tuner detects (e.g., E, A, D, G, B, F#). It turns **green** when you are in tune.
- The **scale indicator** below spans -50 to +50 cents. Left of center = **flat**, right of center = **sharp**. Adjust until the center marker turns green.

8. Settings & Device Management

Tap the **gear icon** in the top-right corner of the Tone screen to open Settings.

DEVICE SETTINGS



Device cards appear at the top of the Settings screen. Swipe to browse multiple devices. Tap + to add a new one. Tap any card to open its detail screen.

Device Detail

SETTING	DESCRIPTION	REQUIRES CONNECTION
Device name	Tap the edit icon to rename	Yes
Bluetooth connect	Connect or disconnect Bluetooth	No
Audio connect	Manage audio streaming separately	Yes
Mute on Line Out	Mute the line output while keeping the speaker active	Yes
Hi-Z Mode	Enable high-impedance input for passive pickups	Yes
REACTOR Control	Expression pedal behavior: Auto, Wah Only, or Volume Only	Yes
Expression Pedal Calibration	Set min/max range for an external expression pedal	Yes
Model / Serial Number	View device info; register serial with Positive Grid	Yes
Firmware Version	Check for and install updates	Yes
Reset All	Restore to factory state (erases all user data)	Yes
Reset Factory Presets	Reset only factory presets to original state	Yes
Reset Settings	Reset device settings, keep presets	Yes
Forget Device	Remove from saved list (re-pair to reconnect)	No

Warning: Reset options erase data on the amplifier. Back up your tones to the app or ToneCloud first.

PROFILE & ACCOUNT

Tap your profile name in the Settings menu to access your account:

- **Edit profile** — Update display name, bio (up to 150 characters), and website URL.
- **Manage ToneCloud presets** — Edit or delete presets you have shared.
- **Log out** — Via the gear icon on the Account screen.
- **Delete account** — Permanent and irreversible. Found at the bottom of Edit Profile.

OTHER MENU ITEMS

ITEM	DESCRIPTION
Tuner	Built-in chromatic tuner (requires connected device)
Shop	Products, expansion packs, and accessories
Video Learning	Tutorial videos and educational content
Help Center	FAQs, troubleshooting, and customer support
About Positive Grid	Company info, legal, and app version

MANAGING MULTIPLE DEVICES

The app remembers all REACTOR amps you have paired. If multiple are discovered during scanning, swipe through the cards and tap the one you want.

To **switch devices**: Go to Settings, tap a different device card, and tap **Connect**.

To **forget a device**: Open its detail screen, scroll to the bottom, and tap **Forget Device**.

FIRMWARE UPDATES

The app notifies you when a firmware update is available. To update:

1. Tap **Update Now** and review the release notes.
2. If WiFi is needed, the app will guide you through connecting your REACTOR to a WiFi network (select network → enter password → Join).
3. The update downloads and installs automatically. Do not power off the REACTOR during this process.
4. After completion, the REACTOR restarts and reconnects.

To check manually: Settings → device card → **Firmware Version** → **Check Update**.