

PortaTempo

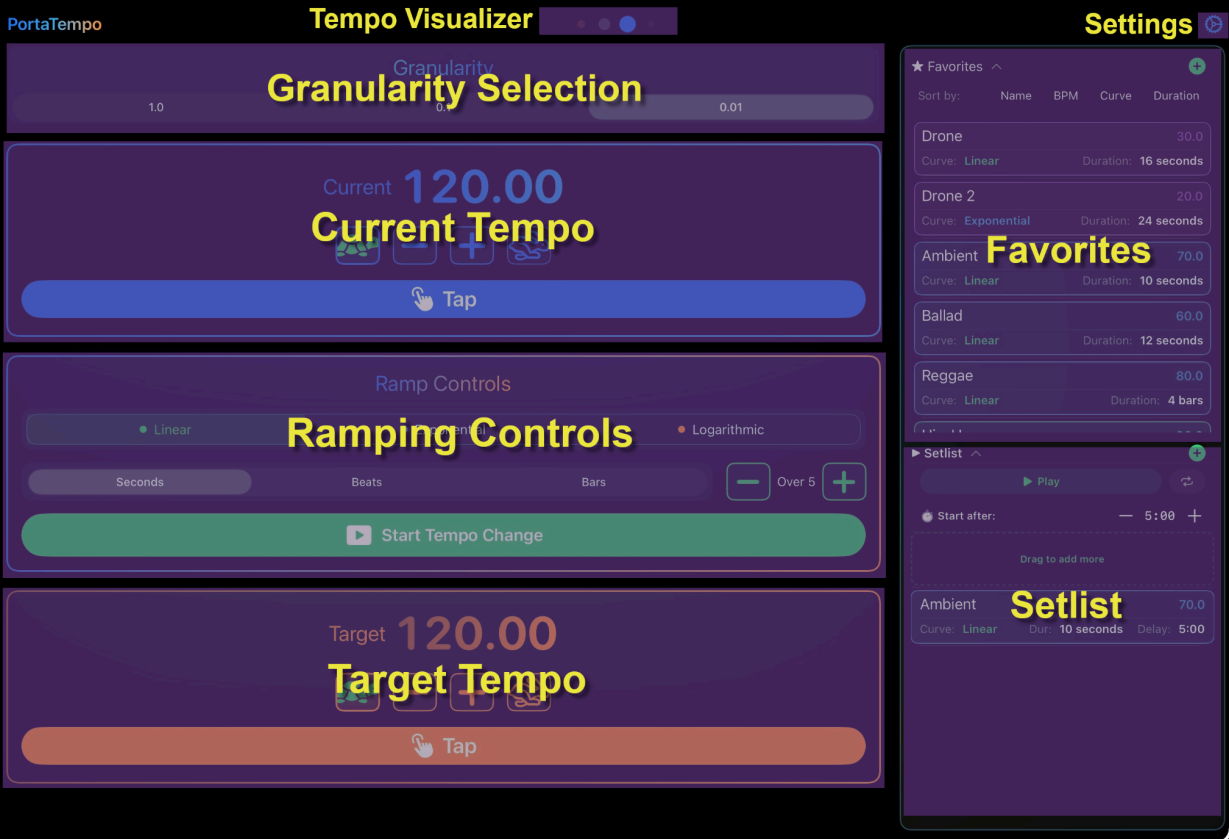
User Guide 1.0



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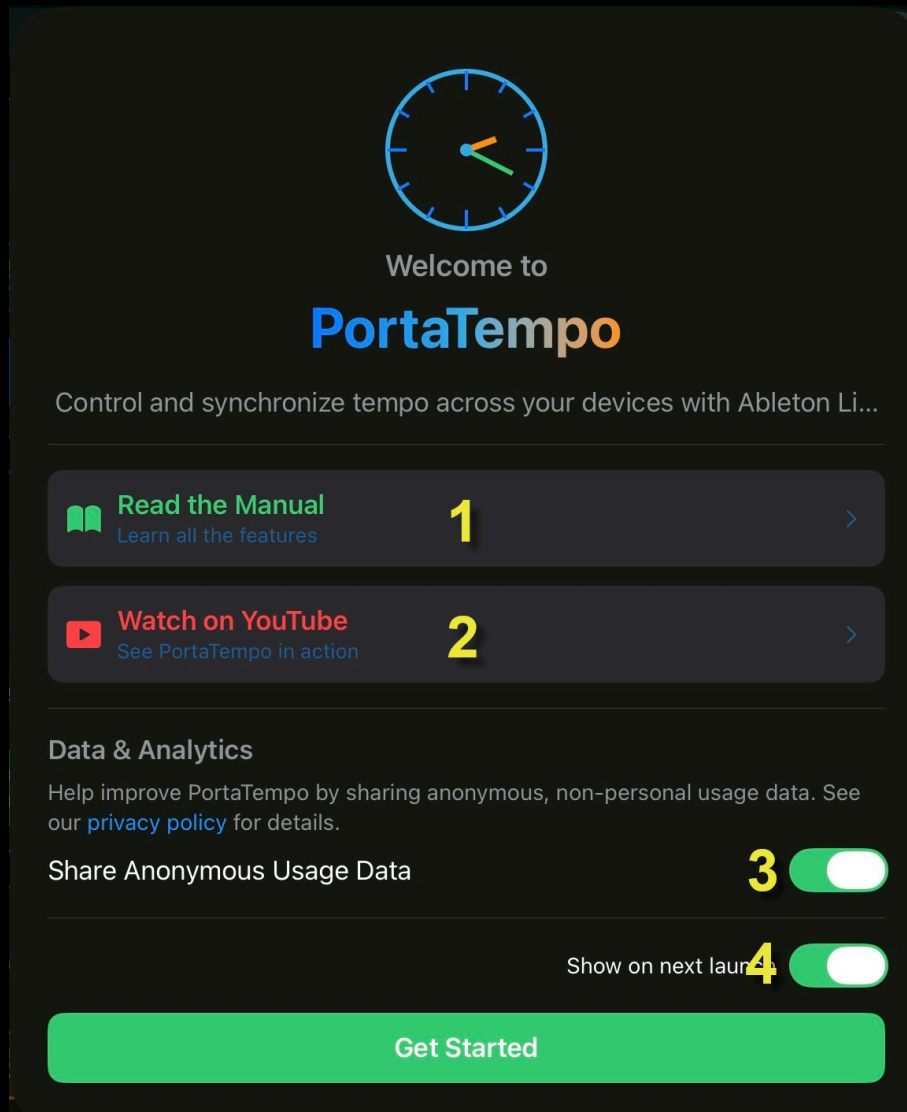
Overview



1. PortaTempo Logo - Tap the app name to open the About screen, where you'll find links to tutorials, the SynthFam website, and the manual.
2. Tempo Visualizer - A live, animated display at the top of the screen that pulses in sync with your current tempo, giving you an at-a-glance visual confirmation that PortaTempo is keeping time.
3. Settings - Opens PortaTempo's configuration screen, where you can manage Ableton Link, MIDI clock output, appearance, and other app-wide preferences.

4. Granularity Selection - Sets how finely you can adjust tempo with the +/- controls, from whole BPM steps down to hundredths of a beat, for precise fine-tuning.
5. Current Tempo - Shows the tempo PortaTempo is playing right now; tap the tempo field to enter a value directly, or tap the bar below to tap in a new tempo by feel.
6. Favorites - A saved list of your go-to tempos, each with its own curve and duration settings, so you can jump back to a familiar setting in one tap.
7. Ramping Controls - Lets you choose how your tempo transitions from Current to Target — Linear, Exponential, or Logarithmic — and over what length of time, measured in seconds, beats, or bars.
8. Setlist - A queued, ordered sequence of tempo changes that play back automatically one after another, ideal for rehearsing or performing a set with tempo shifts built in.
9. Target Tempo - The tempo you're ramping toward; set it the same way as Current Tempo, then tap Start Tempo Change to begin the transition.

Welcome Screen

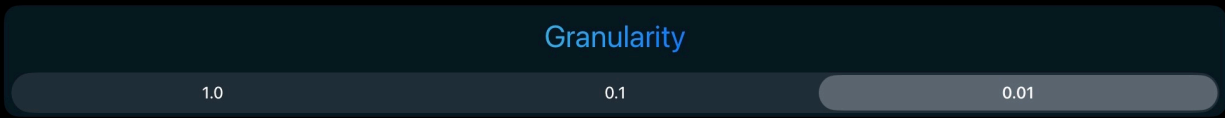


1. Read the Manual - Opens PortaTempo's online manual in your browser, where you can learn about every feature in depth.
2. Watch on YouTube - Opens the SynthFamDSP's YouTube channel in your browser, with videos showing PortaTempo in action.
3. Share Anonymous Usage Data - Turns on/off whether PortaTempo shares anonymous, non-personal usage data to help improve the app; this same toggle is also available anytime in Settings under the

Misc tab, and the linked privacy policy explains exactly what's collected.

4. Show on next launch - Toggles whether this Welcome screen appears again the next time you open PortaTempo; turn it off once you're familiar with the app.

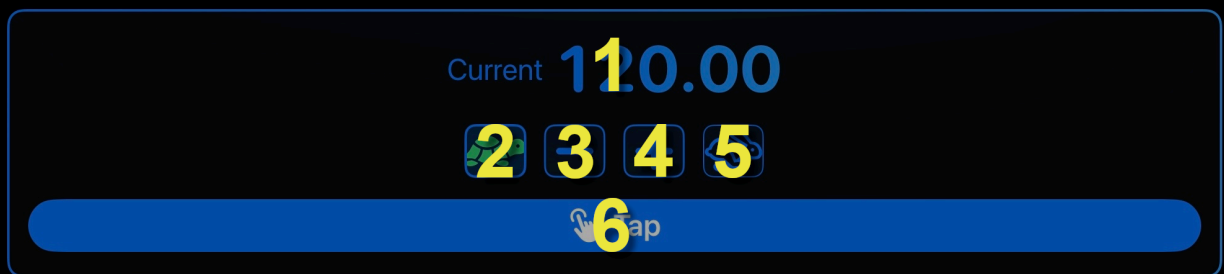
Granularity



1. Granularity - Choose how much each tap of the +/- buttons changes the tempo: 1.0, 0.1, or 0.01 BPM per tap, for anything from quick whole-number jumps to fine, precise adjustments. This control is disabled while a tempo ramp is in progress.

Note: Some devices will have issues if the granularity is set to low. If you experience jumping or issues, change the granularity to see if it fixes it.

Current Tempo



1. Current - Displays the tempo PortaTempo is currently playing; tap the number itself to type in an exact value.
2. Tortoise - Sets a slower repeat rate for the minus/plus buttons, so holding them down changes the tempo gradually.
3. Minus (-) - Decreases the current tempo by one granularity step; hold it down to keep decreasing at the selected tortoise/hare speed.
4. Plus (+) - Increases the current tempo by one granularity step; hold it down to keep increasing at the selected tortoise/hare speed.
5. Hare - Sets a faster repeat rate for the minus/plus buttons, so holding them down changes the tempo quickly.
6. Tap Tempo - Tap this button in rhythm to set the current tempo by feel, instead of entering a number manually.

Ramping Controls



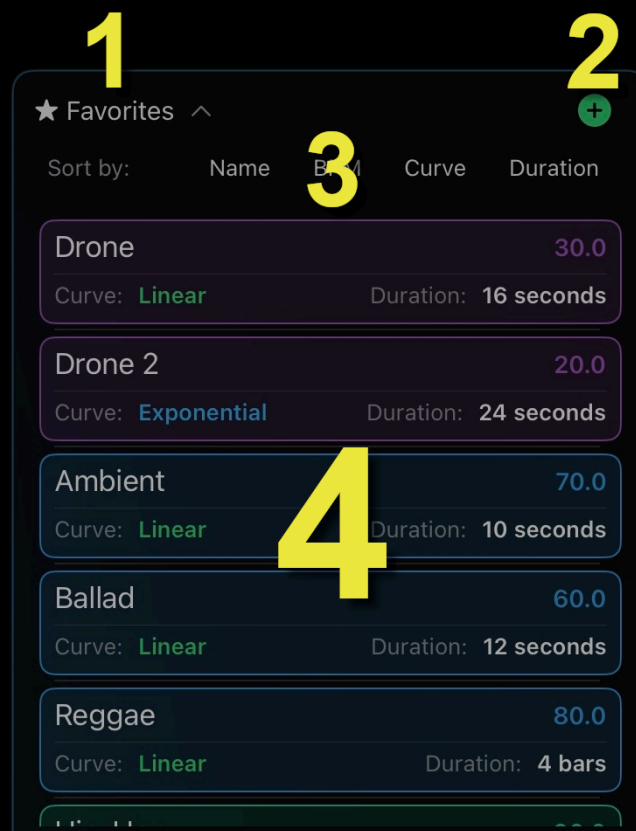
1. Curve (Linear / Exponential / Logarithmic) - Chooses the shape of the tempo transition: Linear changes tempo at a steady, constant rate, Exponential starts slow and accelerates toward the target, and Logarithmic starts fast and eases into the target. Disabled while a ramp is in progress.
2. Seconds / Beats / Bars - Sets the unit used to measure the ramp's duration, letting you time the tempo change to real time, a number of beats, or a number of bars. Disabled while a ramp is in progress.
3. Minus (-) - Decreases the ramp duration by 1 unit; hold to keep decreasing.
4. Plus (+) - Increases the ramp duration by 1 unit; hold to keep increasing.
5. Start Tempo Change - Begins ramping from the Current tempo to the Target tempo, using the selected curve and duration; while ramping, this button becomes a Cancel button to stop the transition early.

Target Tempo



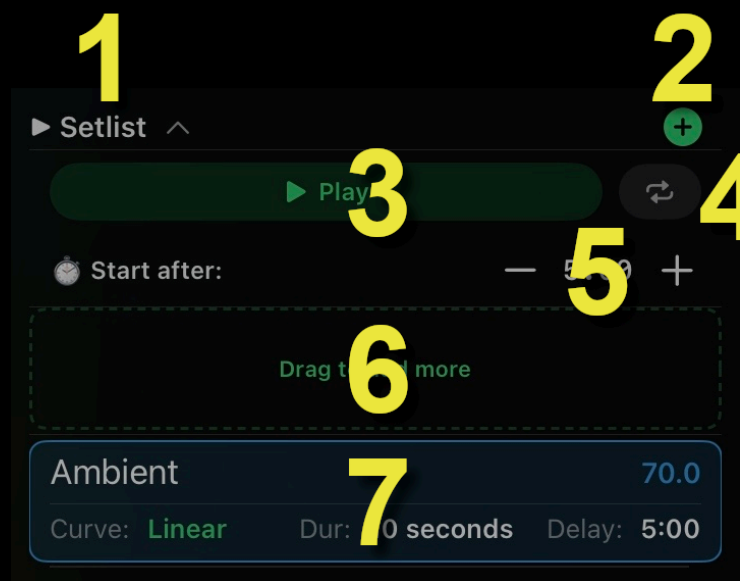
1. Target - Displays the tempo you're ramping toward; tap the number itself to type in an exact value.
2. Tortoise - Sets a slower repeat rate for the minus/plus buttons, so holding them down changes the target tempo gradually.
3. Minus (-) - Decreases the target tempo by one granularity step; hold it down to keep decreasing at the selected tortoise/hare speed.
4. Plus (+) - Increases the target tempo by one granularity step; hold it down to keep increasing at the selected tortoise/hare speed.
5. Hare - Sets a faster repeat rate for the minus/plus buttons, so holding them down changes the target tempo quickly.
6. Tap Tempo - Tap this button in rhythm to set the target tempo by feel, instead of entering a number manually.

Favorites



1. Favorites - Tap this header to collapse or expand the whole panel, hiding it when you need more screen space.
2. Add Favorite (+) - Opens a sheet to save the app's current tempo, curve, and duration settings as a new favorite.
3. Sort by - Tap "Sort by:" to enable sorting, then tap Name, BPM, Curve, or Duration to sort the list by that field; tapping the same field again reverses the order.
4. Favorite row - Tap a favorite to instantly load its saved tempo, curve, and duration into the app; drag it into the Setlist below, or swipe to delete it. These can also be dragged to the Current tempo and Target tempo areas.

Setlist

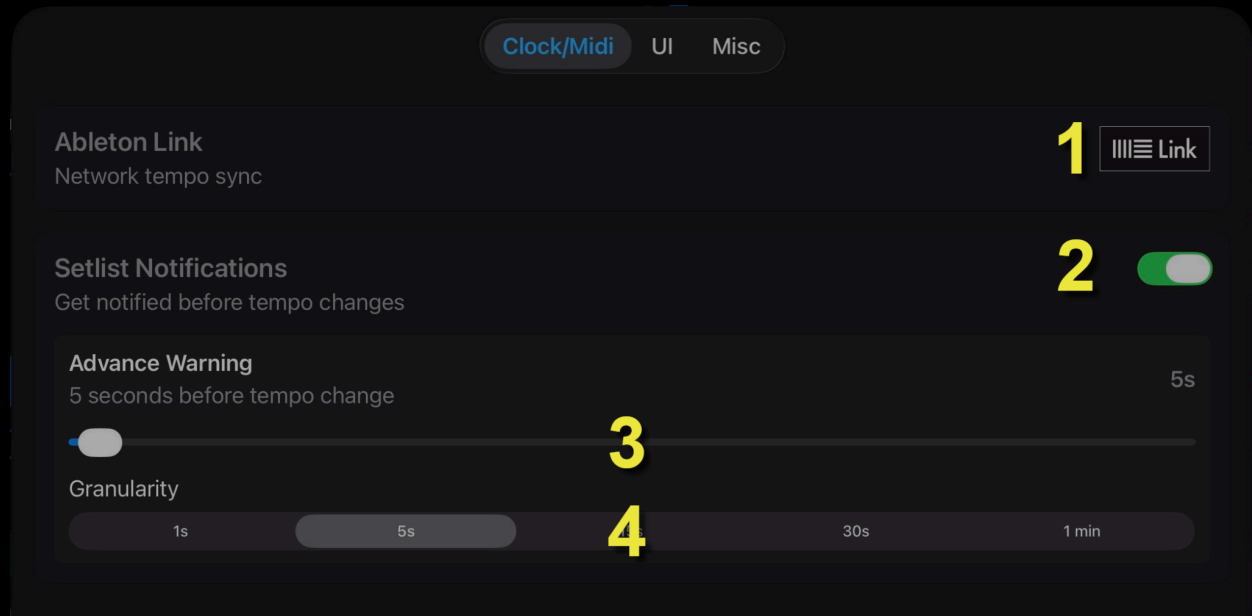


1. Setlist - Tap this header to collapse or expand the panel; when collapsed during playback it still shows a play indicator, loop status, and a live countdown to the next item.
2. Add (+) - Adds the app's current Target tempo, curve, and duration as a new setlist item, using whatever delay is set in Start after.
3. Play - Plays through the setlist items in order, automatically transitioning tempo for each one; this button becomes Stop while the setlist is playing.
4. Repeat - Toggles looping, so the setlist starts over from the beginning after the last item finishes instead of stopping.
5. Start after - Sets the delay applied to the next item you add to the setlist, in 10-second steps; hold the -/+ buttons to adjust it faster.

6. Drag to - add more Drop a favorite here to add it to the setlist with the current Start after delay; drag additional favorites in anytime to keep building the queue.
7. Setlist item - Shows a queued item's tempo, curve, duration, and delay; drag to reorder it in the queue, swipe to remove it, and a green play icon appears here when it's the one currently playing.

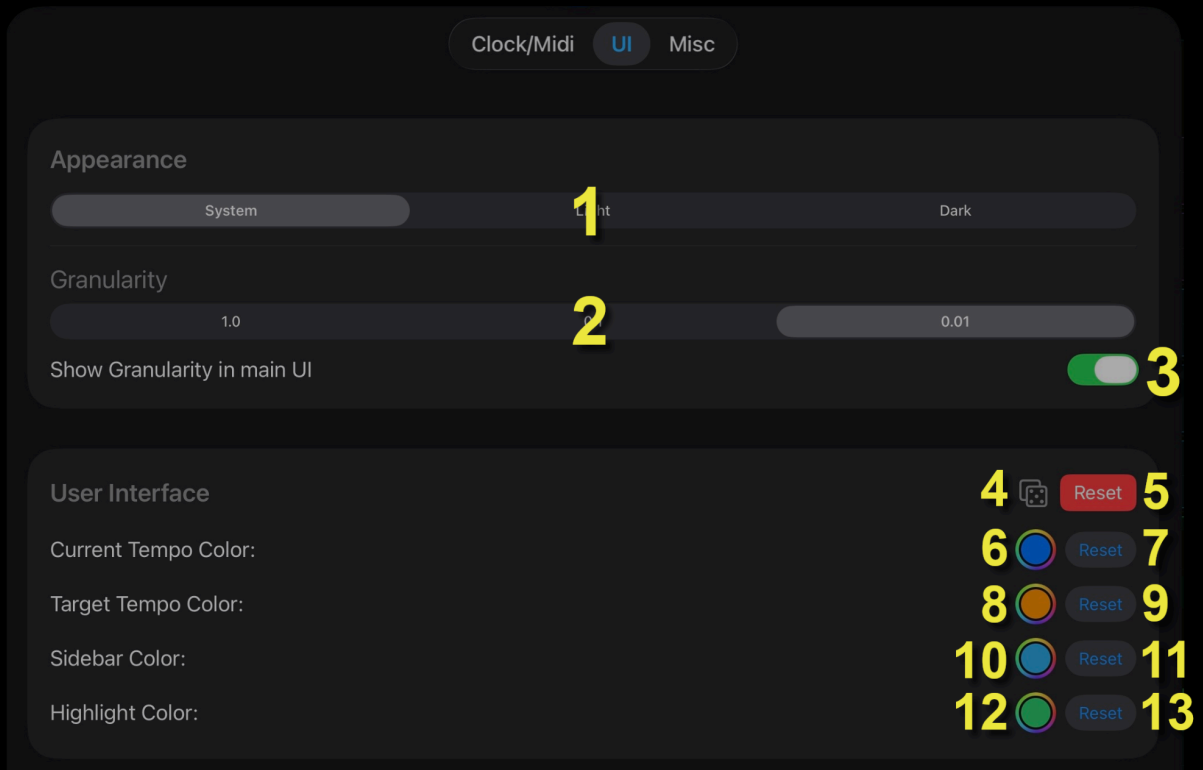
Settings

Clock/Midi



1. Link - Opens the Ableton Link settings screen, where you can turn Link on or off and see other Link-enabled apps and devices connected on your network.
2. Setlist Notifications - Turns on local notifications that alert you shortly before a queued tempo change in the Setlist fires, prompting for notification permission the first time it's enabled.
3. Advance Warning - Sets how many seconds before a setlist tempo change the notification is sent, from no warning up to several minutes.
4. Granularity - Sets the step size of the Advance Warning slider, choosing between 1 second, 5 seconds, 30 seconds, or 1 minute increments.

UI



1. Appearance - Sets whether PortaTempo follows your device's System appearance or is locked to Light or Dark mode regardless of device settings.
2. Granularity - Sets the default granularity PortaTempo uses when the app launches, choosing between 1.0, 0.1, or 0.01 BPM steps.
3. Show Granularity in main UI - Toggles whether the Granularity Selection control appears on the main tempo screen, letting you hide it if you rarely change this setting.
4. Dice - Randomizes all four interface colors at once, useful for quickly trying a fresh look.
5. Reset - Resets all four interface colors back to their default values.

6. Current Tempo Color swatch - Opens the system color picker to choose the color used for the Current tempo display and controls.
7. Reset (Current Tempo) - Resets the Current Tempo Color back to its default.
8. Target Tempo Color swatch - Opens the system color picker to choose the color used for the Target tempo display and controls.
9. Reset (Target Tempo) - Resets the Target Tempo Color back to its default.
10. Sidebar Color swatch Opens - the system color picker to choose the accent color used for the Favorites and Setlist sidebar.
11. Reset (Sidebar) - Resets the Sidebar Color back to its default.
12. Highlight Color swatch - Opens the system color picker to choose the accent color used for action buttons like Start Tempo Change, Play, and Tap.
13. Reset (Highlight) - Resets the Highlight Color back to its default.

UI continued



1. Dice (Ramping Curve Colors) Randomizes the Linear, Exponential, and Logarithmic curve colors all at once.
2. Reset (Ramping Curve Colors) Resets all three ramp curve colors back to their defaults.
3. Linear Color Opens the color picker for the Linear ramp curve color, used in the Ramp Controls picker and to label linear ramps in Favorites and the Setlist.
4. Reset (Linear Color) Resets the Linear curve color back to its default.
5. Exponential Color Opens the color picker for the Exponential ramp curve color.

6. Reset (Exponential Color) Resets the Exponential curve color back to its default.
7. Logarithmic Color Opens the color picker for the Logarithmic ramp curve color.
8. Reset (Logarithmic Color) Resets the Logarithmic curve color back to its default.
9. Dice (BPM Colors) Randomizes all seven BPM range colors at once.
10. Reset (BPM Colors) Resets all seven BPM range colors back to their defaults.
11. 0-40 BPM Color Opens the color picker for the 0-40 BPM range; this color is used to style a favorite or setlist item's tempo text and border whenever its tempo falls in that range.
12. Reset (0-40 BPM Color) Resets the 0-40 BPM range color back to its default.

The arrows below rows 11-12 indicate the same color picker + individual Reset pattern repeats for each remaining BPM range (41-80, 81-120, 121-160, 161-200, 201-240, and 241+) — same behavior as above, just applied to that range's tempo values instead.

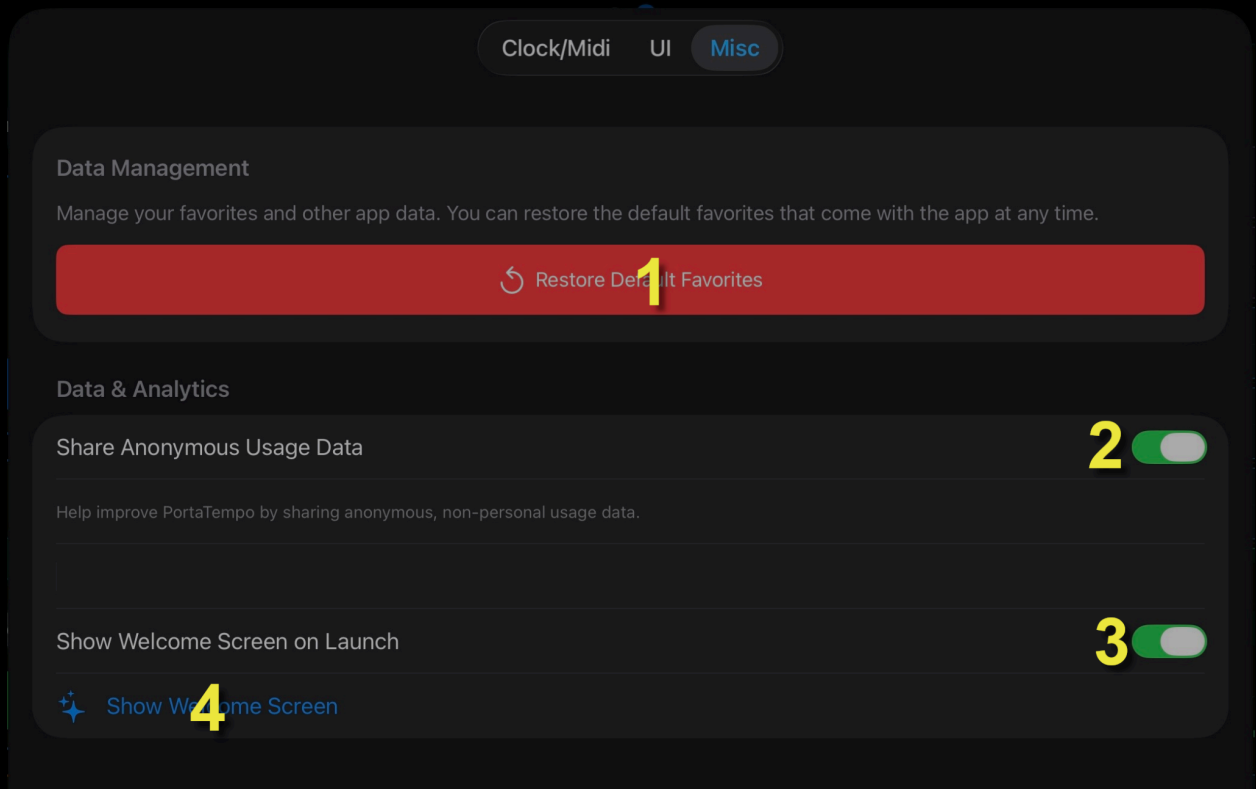
UI continued 2



1. Ramping Glow Effect Toggle Turns the glow effect on or off; when enabled, the app's tempo controls light up with a colored glow while a tempo ramp is actively running.
2. Dice (Ramping Glow Effect) Randomizes all the glow settings below (animation style, radius, intensity, speeds, and fade durations) at once.
3. Reset (Ramping Glow Effect) Resets all glow settings back to their defaults.

4. Animation Style Chooses how the glow animates during a ramp: Pulse Opacity, Pulse Radius, Circular Motion, Pulse + Radius, or All Combined.
5. Auto-Randomize on Each Ramp When enabled, automatically randomizes the glow settings every time a new tempo ramp starts.
6. Enable Pulse Animation Turns the pulsing animation on or off; when off, the Pulse Speed slider below has no effect.
7. Glow Radius Sets how far the glow extends outward from the tempo controls, from 5 to 50 points.
8. Glow Intensity Sets how bright and opaque the glow appears, from 10% to 100%.
9. Pulse Speed Sets how fast the glow pulses, from 0.25x to 3.0x speed; only active when Enable Pulse Animation is on.
10. Movement Speed Sets how fast the glow moves in a circular motion, from 0.25x to 3.0x speed (only applies to animation styles that include circular motion).
11. Movement Intensity Sets how far the glow travels during its circular motion, from 0% to 200%.
12. Fade In Duration Sets how long the glow takes to fade in when a ramp starts, from 0.1 to 2.0 seconds.
13. Fade Out Duration Sets how long the glow takes to fade out when a ramp ends, from 0.1 to 2.0 seconds.

Misc



1. Restore Default Favorites Re-adds PortaTempo's built-in set of default favorites (like House, Techno, Ballad, and others); any favorite you've already saved under the same name is left untouched.
2. Share Anonymous Usage Data Toggles whether PortaTempo shares anonymous, non-personal usage data to help improve the app - this is the same toggle offered on the Welcome screen.
3. Show Welcome Screen on Launch Toggles whether the Welcome screen appears the next time you open the app.

4. Show Welcome Screen Immediately reopens the Welcome screen so you can revisit it without restarting the app.