SuperPix App

Operational Setup & Control Guide for Pixel/Point-Control Lighting

A step-by-step tutorial for new users controlling pixel curtain/string lighting with the SuperPix app

Before You Start

This guide walks a new user through downloading the SuperPix app, connecting a pixel-controlled fixture, and using the app's core features — point/pixel color control, hand-drawn patterns, text and photo display, music sync, and timers.

What You'll Need

- A smartphone or tablet — iOS 12.0+ (SuperPix is currently iPhone/iPad only; there is no functioning Android release under this exact listing at this time)
- Your pixel fixture (curtain lights, pixel string, or similar point-controlled display) installed and powered on
- Bluetooth enabled on your phone for initial pairing
- Your home Wi-Fi network name and password, if your fixture supports Wi-Fi control for remote/whole-property access

> **Note:** *SuperPix is built around "point control" — meaning each pixel/LED point in the fixture can be addressed individually. This is what enables drawing, text, and photo display, and is a different control model than a simple single-color strip or bulb.*

Step 1: Download and Set Up the App

1. **Download SuperPix —** Search "SuperPix" in the Apple App Store and install it (developer: Hangzhou Daniao Technology Co., Ltd). It's free.
2. **Open the app —** No account/registration is required to begin pairing — the app does not collect personal data per its App Store listing.
3. **Enable permissions —** Allow Bluetooth access when prompted so the app can discover nearby fixtures.

Step 2: Pair Your Pixel Fixture

1. **Power on the fixture —** Plug in and power on your pixel curtain/string. It may show a default pattern or single color before pairing.
2. **Open Add Device —** In the app, tap "+" or "Add Device" from the home screen.
3. **Select the device —** Choose your fixture from the scanned list of nearby devices.
4. **Complete Wi-Fi setup (if applicable) —** If your fixture supports Wi-Fi, select your 2.4GHz network and enter your password when prompted. Bluetooth-only fixtures skip this step and connect directly.
5. **Name the device —** Once connected, rename the fixture something identifiable (e.g., "Storefront Curtain") so it's easy to find later, especially if you'll pair more than one.

Step 3: Point Control — Color and Pixel Mapping

Point control is SuperPix's core feature: rather than setting one color for the whole fixture, you can address individual pixels/points.

- Set a single solid color across the whole fixture for a simple, uniform look — tap the color wheel or card and apply it to all points at once.
- Switch to point/pixel edit mode to color individual points differently, building patterns, shapes, or gradients across the fixture.
- Save any pixel-mapped design so it can be recalled without rebuilding it each time.

> **Note:** *Before building a detailed point-control design, confirm the pixel count/layout configured in the app's device settings matches your physical fixture. A mismatched pixel count is the most common reason a saved design displays stretched, compressed, or offset.*

Step 4: Drawing, Text, and Photo Display

These three features are what set point-control fixtures like this apart from simple color-changing lights — they let the fixture display something recognizable rather than just a color or pattern.

Hand-Drawn Patterns

1. **Open Draw mode —** From the main control screen, select the drawing/doodle tool.
2. **Draw directly on the pixel grid —** Use your finger to sketch a shape or pattern on the on-screen grid representing your fixture; it maps to the physical points live or on save.
3. **Choose colors as you draw —** Pick a color before or while drawing to fill in different sections of your design.
4. **Save —** Store the finished drawing to recall it any time without redrawing.

Text Display

1. **Open the Text tool —** Select the text/font icon from the main screen.
2. **Type your message —** Enter the text you want scrolled or displayed across the fixture.
3. **Set font, size, and color —** Adjust these so the text fits and reads clearly on your specific fixture's pixel density.
4. **Choose scroll speed and direction —** If the text is longer than the fixture can display at once, set how it scrolls.
5. **Save or apply —** Save frequently-used messages (e.g., a store name or seasonal greeting) so they don't need retyping.

Photo Display

1. **Open the Photo tool —** Select the photo/image icon.
2. **Choose or take a photo —** Pick from your camera roll or take a new photo directly in the app.
3. **Let the app convert it —** SuperPix maps the image onto your fixture's pixel grid automatically — simple, high-contrast images translate best given typical pixel-count limitations.
4. **Apply and save —** Display the converted image, and save it to your favorites for quick recall.

> **Note:** *Known app-review feedback: image/favorites browsing can be slow to scroll through and, on some versions, saved favorites or pinned images don't reliably stay put between sessions. If a saved photo or drawing disappears after closing the app, it's a reported app quirk rather than something you're doing wrong — reapplying it after reopening the app is the common workaround.*

Step 5: Music and Microphone Sync

1. **Open the Music tab —** Select the music note or microphone icon from the control screen.
2. **Choose your source —** Pick microphone-reactive mode (fixture reacts to ambient sound/music playing in the room) or, if supported on your fixture, direct audio playback through the app.
3. **Adjust sensitivity —** Use the sensitivity/gain slider to control how sharply the fixture reacts to beats versus background noise.

Step 6: Timers

1. **Open the Timer tool —** Select the clock/timer icon.
2. **Add a schedule —** Tap “+” to create a new timer, then set the on/off time and which saved design, color, or pattern it should trigger.
3. **Set repeat days —** Choose which days of the week the timer should run.
4. **Save —** The fixture will now switch on/off or change displays automatically at the scheduled time.

> **Note:** *Known app-review feedback: some users report that a previously-set timer doesn't clearly show its saved time when reopened, even though it's still running correctly in the background. If the timer display looks blank, check that the schedule is still active (toggle on) before assuming it didn't save — deleting and recreating it is the reported fix if it's genuinely not firing.*

Step 7: Grouping Multiple Fixtures

If you have more than one pixel fixture (e.g., multiple storefront windows or display panels), group them to control several at once:

1. **Open the group menu —** From the home screen, look for “Create Group” or the equivalent “+” option.
2. **Select fixtures —** Check every device that should respond together and name the group.
3. **Control as one —** Apply a color, pattern, text, or photo to the whole group in one tap, or open an individual fixture separately when needed.

Troubleshooting

Issue	Fix
Fixture won't enter pairing mode	Power the fixture off and on a few times in quick succession; it should begin flashing or cycling colors to indicate pairing mode.
Brightness slider seems unresponsive	This is a reported issue in some app versions — try fully closing and reopening the app, or toggling the fixture off/on, if a brightness change doesn't visibly apply.

Saved favorites/photos disappear after closing the app	A known app quirk on some versions — reapply the saved design after reopening rather than assuming the pairing failed.
Speed/animation sliders don't seem to change anything	Reported in some app versions for certain effect types — try a different effect first, then reapply the speed adjustment, or update to the latest app version if you haven't recently.
App asks for a password repeatedly / settings don't save	Reported in some app versions — force-close and reopen the app after changes, and confirm you're on the latest version from the App Store.
Device shows offline	Confirm the fixture has power; for Wi-Fi fixtures, confirm your router is broadcasting 2.4GHz; for Bluetooth-only fixtures, confirm your phone is within local range.

> **Note:** *SuperPix has a number of user-reported reliability quirks (favorites not sticking, sliders lagging, timers not displaying their set value) that appear tied to the app itself rather than fixture hardware or setup steps. Keeping the app updated to the latest App Store version is the most consistent fix reported for these. This guide reflects the general SuperPix workflow as of mid-2026 — menu wording and icon placement can shift slightly between app versions.*