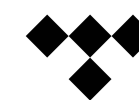# FRAME

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Overview

Frame is a digital artpiece that brings back the visual dimension of music of yesteryear in a beautiful, and visually striking display. Frame automatically detects the music playing in the room through song recognition or seamless connection to popular streaming services, and is simply striking.

*Spotify currently supported

Spotify · Apple MUSIC · Tidal · YouTube Music · amazon music

Technical Specifications

☀	Ambient Light Sensor	⤢	24" ✕ 24" Face
🎤	Dual Mic Array	◈	2.75" Depth
✳	Bluetooth 5	☼	5000+ Lumens
📶	WiFi 5	⚡	72 W Power

Powered by Raspberry Pi 3B, 4, or Compute

Capabilities

Frame elegantly hangs on the wall in any home or commercial space. With an added speaker, Frame becomes a beautfiul Bluetooth boombox.
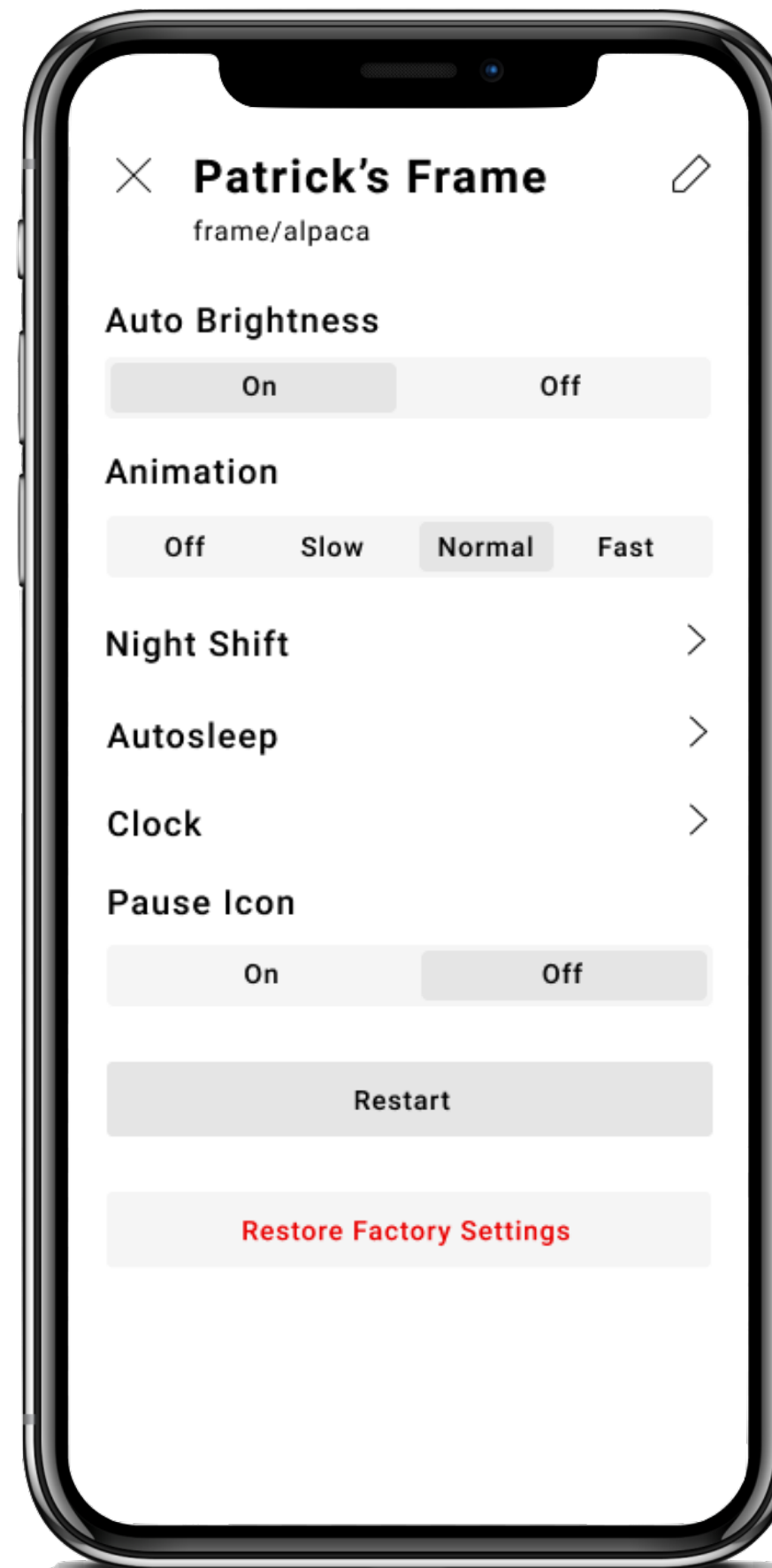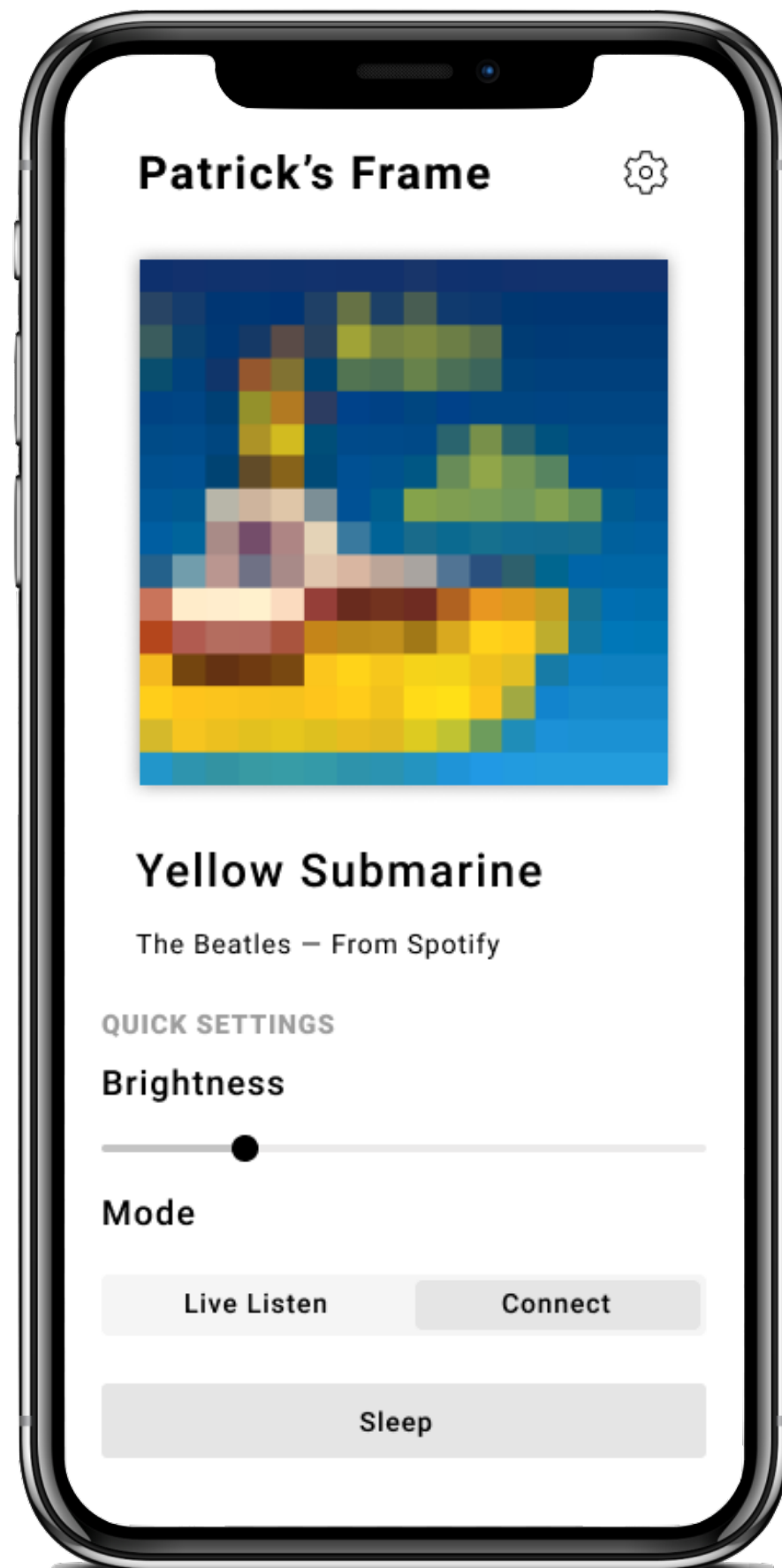
Target Market

The current product sits primarily as a premium digital artwork for the modern home. As a boombox, Frame becomes a product for anyone with a smart phone, tablet, or laptop.

The Beatles' *Yellow Submarine*

Mobile Application

Patrick's Frame

Yellow Submarine

The Beatles — From Spotify

QUICK SETTINGS

Brightness

Mode

Live Listen | Connect

Sleep

Patrick's Frame
frame/alpaca

Auto Brightness
On | Off

Animation
Off | Slow | Normal | Fast

Night Shift >

Autosleep >

Clock >

Pause Icon
On | Off

Restart

Restore Factory Settings

Adjust Settings

Availability

The app is built with Flutter which uses the Dart programming language and compiles natively on both iPhone and Android devices. This means stunning preformance for every device.

Connectivity

The App and connects to Frame on a local network using Websocket. This provides a blazing fast connection that smoothly updates Frame's settings in real-time with a latency of less than 50 milliseconds.
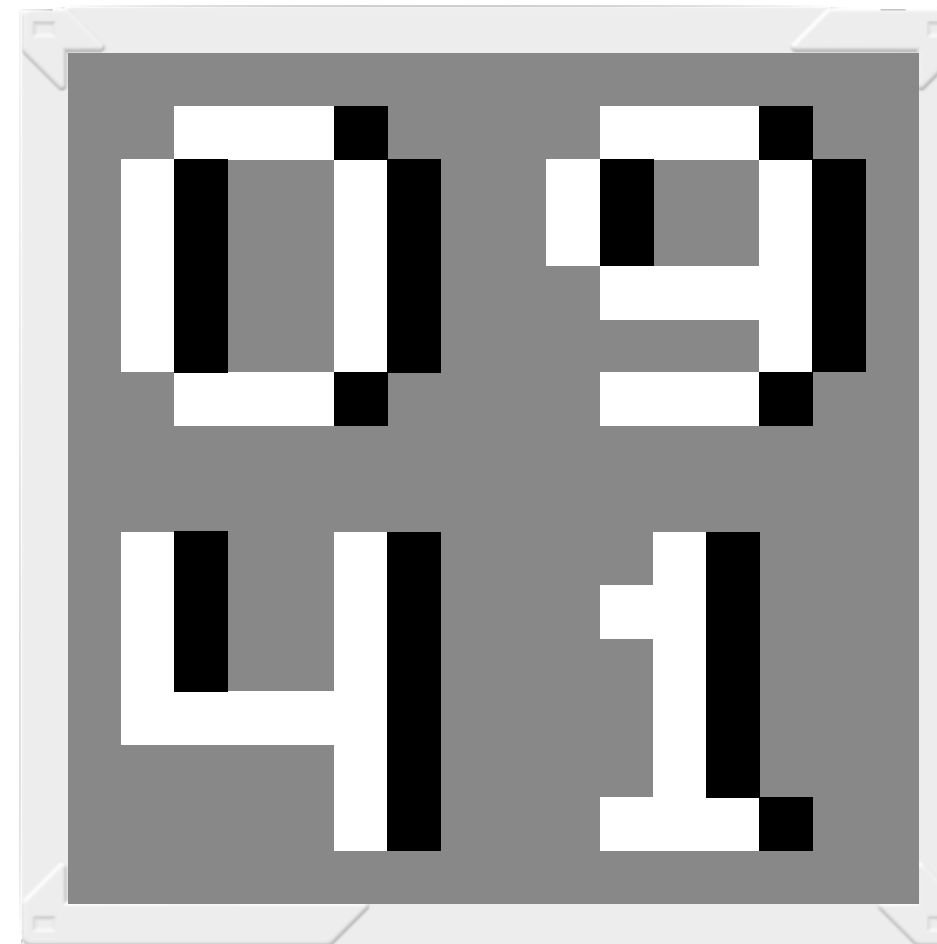
Smart Pairing

Frame pairs automatically with any device on the local network. That means Frame can be set up automatically, with no account or login. If that doesn't work, users can always manually pair using the Frame ID.
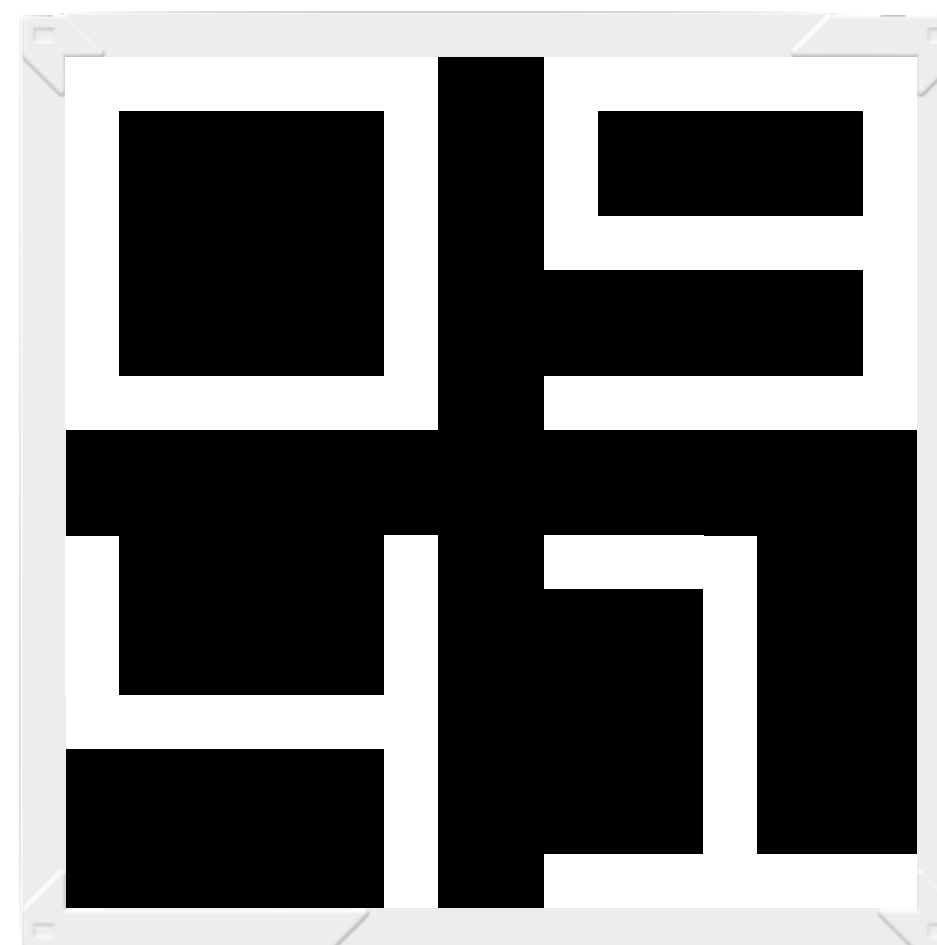
Auto Brightness

Frame uses an upwards-facing ambient light sensor to dynamically adjust brightness. Frame is always at the proper brightness

Clock

When music isn't playing, Frame becomes a clock with bold and expressive digits. There is a customizable theme color and two clock styles: *classic* and *modern*.

classic style clock

Night Shift

Night Shift automatically adjusts the colors of the display to the warmer end of the spectrum — making the display easier on the eyes.

Bluetooth Speaker

With an added speaker and battery, Frame has the technology to become a wireless Bluetooth speaker. It's loud and bright enough to be played outdoors for hours on end.

modern style clock