A Thermal Label Printer for your Fridge

Track anything affected by time. One hand, no hassle.



Functional proof-of-concept as of January 2026

DESIGNED FOR REAL LIFE

Timestamp anything

Print a label with today’s date with one button press. Big physical buttons recall your recently-used labels.

One-handed use

Auto-cutter and linerless labels mean you never need a second hand. Perfect when you're holding a container.

Voice-to-text labels

Speak your label. AI interprets intent and prints. "Chicken soup, made today" becomes a formatted, timestamped label. No phone required.

Right on your fridge

Magnetic mount puts it exactly where you need it. No counter space, no drawer, no hunting for supplies.

WHERE IT FITS

Home kitchens - Is this the mayonnaise we bought last summer?

Office fridges - Everyone labels their lunch. Everyone’s name is saved in presets. No more mystery containers.

Commercial kitchens - FIFO compliance made effortless

TECHNICAL HIGHLIGHTS

- **ESP32S3 microcontroller** - WiFi, local voice processing
- **58mm linerless thermal printer** - auto-cutter, no backing waste
- **Voice AI integration** - optional subscription for natural language labels
- **Physical preset buttons** - instant common labels, no tech required
- **Magnetic mounting** - strong hold, damage-free
- **Web + mobile interface** - customize presets, track inventory (optional)

THE PITCH

This solves an every day annoyance in the home or office - and it has wider possibilities in the restaurant industry. Thermal printers are proven. Voice AI makes it delightful. The form factor makes it actually get used.

Market: 128M US households + office break rooms + commercial kitchens

Price point: $99-149 retail

Recurring: Label rolls + voice AI subscription ($3-5/mo)

Status: Functional prototype, provisional patent pending

Seeking pre-seed investment for tooling and pilot manufacturing

A product by Chris Fortunato

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Try to print something yourself: printer.chrisfortunatodesign.com



ABOUT ME

I'm a freelance electronics designer, musician, songwriter, DIY music video-chronicler, certified Tree Tender, and Philly Thrive volunteer. My wife and I live with our dog Islay in South Philly.

I work with my own clients directly, as well as through the hardware freelancer collective informal, and with the Philadelphia-based Solid Product Design. Regardless of your budget or timeline, let's get in touch!

Here's my LinkedIn: