

CommandSignal 



PRIORITYwaveTM Traffic Control System

Simple, secure, wireless traffic control

Simple to deploy. Engineered to protect. A plug-and-play system that puts responder and public safety first.

Learn more inside [!\[\]\(d66ff64371a51729ac8c1cdaa685ba6f_img.jpg\)](#)

Enabling **Safer, Smarter** Traffic Control for First Responders

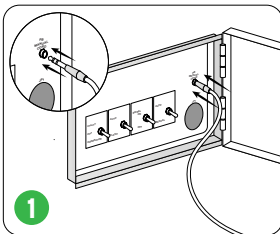
What it does

The **PRIORITYwave Traffic Control System** gives first responders the ability to take manual control of traffic signals – without being physically tethered to a traffic control box. Designed for speed, safety, and ease of use, this secure, plug-and-play remote system becomes part of a responder's everyday gear and can be deployed in seconds upon arrival.

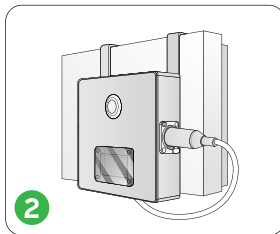
By enabling responders to move freely around the intersection, the system enhances situational awareness and makes it easier to safely direct vehicles, pedestrians, and cyclists – especially in high-risk or high-stress environments. Whether managing accident scenes, evacuations, natural disasters, or large public gatherings like marathons, concerts, or football games, the **PRIORITYwave Traffic Control System** improves responder safety and streamlines traffic flow.

How it works

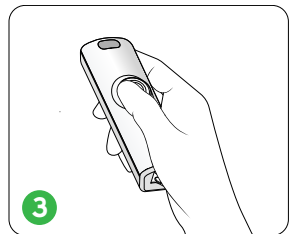
Setting up the **PRIORITYwave Traffic Control System** is fast and intuitive. Simply plug the receiver into the traffic signal's input port located inside the police access panel. Once connected, the encrypted remote is ready to take control – giving responders full manual operation of the signal from anywhere.



Plug it in



Hang on access door



Control with remote

Plug-and-play, no infrastructure modifications needed

There's no need for special wiring or system upgrades – the **PRIORITYwave** Traffic Control System is designed to work with the standard manual control port already found in most traffic signal cabinets across the country. If your cabinet has a manual push-button port, you're good to go!

For traffic engineers, we provide a detailed technical overview to ensure full compatibility with your existing traffic infrastructure.

What's included

- ➔ Receiver and wireless remote
- ➔ Signal connection cable
- ➔ PRIORITYshield weatherproof case
- ➔ Rechargeable battery pack (40 hour run time)
- ➔ 2 AA batteries
- ➔ CommandSignal carabiner
- ➔ User manual and quick start card

Optional accessories

- ➔ Traffic Signal Police Access Key
- ➔ Backup Rechargeable Battery Pack
- ➔ Heavy Duty Retractable Reel for Remote with Kevlar Cord
- ➔ Signal Connection Cable (additional lengths)
- ➔ Live Training Webinar

The **PRIORITYwave** protocol

PRIORITYwave is our proprietary wireless communication protocol – engineered specifically for the needs of first responders. Unlike generic wireless tools, **PRIORITYwave** is fast, secure, and built for critical situations where priority access and total reliability are non-negotiable.

- ➔ **Priority-focused:** Built for high-urgency response where time, access, and safety matter.
- ➔ **Encrypted & secure:** Military-grade encryption and continuously changing authentication keys ensure secure operation – even in crowded, interference-prone environments.
- ➔ **Long-range & responsive:** Designed to maintain rock-solid connection across intersections, multi-lane roadways, and dense urban areas.

Our promise

Your safety — and peace of mind — are at the heart of everything we build.

That's why every **PRIORITYwave** system is engineered with protective electrical circuitry to protect traffic cabinet hardware, and advanced anti-hacking technology. It is thoroughly tested for reliability in real-world conditions. Our system uses robust defenses against known wireless hacking tools like Flipper Zero — ensuring that control stays exactly where it belongs: in your hands.

We stand behind our product with a 1-year warranty, and we're committed to supporting first responders with tools they can trust — because when seconds matter, security and performance aren't optional.

About our founder



Adam Lay
Founder & CEO

Adam is a senior engineer at Adobe, a global leader in creative software known for products like Photoshop and Acrobat. With over 20 years of experience designing software and building technology that solves real-world problems, Adam has spent his career turning complex challenges into intuitive, reliable tools.

Outside of his work in tech, Adam serves with the Orem Police Department's Community Service Unit in Utah — a civilian team that assists sworn officers with traffic control during accidents, fires, and large-scale public events. It was during these hands-on experiences — often standing in busy intersections during Utah's harsh winters — that Adam recognized the limitations of traditional traffic control tools. The need for a safer, faster, and more flexible solution became clear.

That insight sparked the creation of CommandSignal, a company focused on developing secure, intuitive, and field-proven tools like **PRIORITYwave**. Adam's mission is simple — build gear that makes the job easier, safer, and more efficient for the brave men and women who protect our communities every day.