

CommandSignal®



The green light is in your hands.

Control traffic signals on-scene wirelessly with the PRIORITYwave Traffic Control System. No mixed-signals for drivers, safer scenes for all.

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

Learn more inside [➔](#)

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

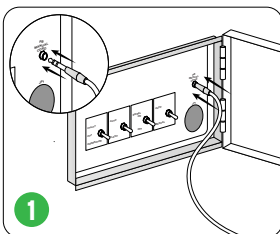
What it does

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

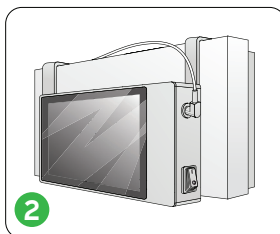
By enabling responders to move freely around the intersection, the system enhances situational awareness and makes it easier to safely direct vehicles, pedestrians, and cyclists, especially in high-stress environments. Whether managing accident scenes, evacuations, natural disasters, or large public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

How it works

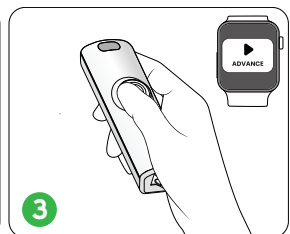
Deploying the **PRIORITYwave Traffic Control System** is fast and intuitive. Simply plug the receiver into the traffic signal's push button port located inside the police access panel. Once connected, take control from the remote, CommandSignal app, or your smartwatch. The system gives responders full control of the signal from anywhere they need to be.



Plug in



Hang on access door



Control with remote, app, or smartwatch

Plug-and-play, no infrastructure modifications needed

There's no need for expensive infrastructure 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. We also offer a retrofit kit your DOT can quickly install to add the necessary port.

What's included

- ➔ Receiver and wireless remote
- ➔ Signal connection cable
- ➔ **PRIORITYshield** weatherproof case
- ➔ Backup rechargeable battery pack (40 hour run time)
- ➔ 2 AA batteries
- ➔ CommandSignal carabiner
- ➔ Quick start card

Optional accessories

- ➔ Traffic Signal Police Access Key
- ➔ Additional Rechargeable Battery Packs
- ➔ 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 built specifically for public safety operations. Using long-range LoRa® radio technology and AES-256-GCM encryption — a security standard trusted by government and enterprise organizations worldwide — **PRIORITYwave** provides secure, dependable traffic signal control when reliability matters most.

- ➔ **Secure communications:** AES encryption and continuously changing authentication codes help protect against unauthorized access and replay attacks. The system features secure acknowledgments and automatic retransmission, to help ensure commands are received, even with interference or signal obstructions.
- ➔ **Long-range & responsive:** LoRa® technology provides reliable communication across large intersections, multi-lane roadways, and challenging urban environments, up to a half-mile away.

Our promise

Every system is backed by a comprehensive warranty and responsive technical support. Our commitment is simple: provide first responders with reliable, secure tools they can depend on when managing traffic in critical situations.

When questions arise, our team is available to provide assistance to keep operations running smoothly. From deployment to day-to-day operation, we're committed to supporting our customers every step of the way.

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.

REQUEST
MORE INFO



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