

SpeedAlert 24 Quick Start Guide



Thank you for purchasing an **All Traffic Solutions SpeedAlert 24 Radar Message Sign**. This quick start guide will show you how to install, power, and configure your new sign.



[Figure 1] SpeedAlert 24 with ATS 5 trailer

Before you begin

If you have a TrafficCloud subscription, the first thing you'll need to get started using your SpeedAlert is to create a data collection Site in TrafficCloud. Each Site is configured with a speed limit and the direction of moving traffic. They provide a way to keep traffic data organized for reporting purposes. If necessary, you can also perform Site setup after you install your SpeedAlert at a physical location. See "Creating a Site" in *Getting Started with TrafficCloud and SpeedAlert*.

If you don't have a TrafficCloud subscription, you have several other options for Site and sign setup, as described in *Configuring the SpeedAlert locally below*.

Configuring the SpeedAlert locally

If you have a TrafficCloud subscription, you can skip this step, and instead configure the SpeedAlert online, setting the sign display options, creating messages, and setting up alerts. and assigning a Site. It's best to perform sign setup in advance, so that your traffic data is captured in TrafficCloud immediately. See the *Getting Started with TrafficCloud* guide for your sign.

If you don't have a TrafficCloud subscription, you can do any of the following (see details next page) to perform initial SpeedAlert configuration locally, either at your office or after the sign is mounted at the roadside.

Use the SpeedAlert mode buttons

- » You can configure the SpeedAlert using the **Sign Mode** and **Settings** buttons.

Use the TrafficCloud Mobile app for Android

- » You can configure the SpeedAlert locally using the **TrafficCloud Mobile app** for Android over a Bluetooth connection.

Use TrafficCloud Sign Manager

- » You can also configure the SpeedAlert locally using **TrafficCloud Sign Manager for Windows** over the included USB connection or optional Bluetooth.



NOTE: Before attempting a Bluetooth connection, make sure the option was purchased for your equipment.

To power up the SpeedAlert:

- » Power up SpeedAlert sign by turning on the power switch in the trailer battery box.

The SpeedAlert will go through start-up and self-check sequences. Once the self-check is complete, the sign is fully operational.

To set up the SpeedAlert using the onboard buttons:

- A. Verify or set the display mode on the SpeedAlert. The default is **Single Message Mode** for message-enabled signs
- B. Select the **Sign Mode** and **Settings** using the two selector buttons on the back of the sign:
 - i. **Sign Mode:** The default sign mode is **Single Message**. Press the bottom button to select a different mode.
 - ii. **Settings:** Press the top button to scroll through settings applicable to the selected mode.



For details about sign modes, see "SpeedAlert Display Modes" on the next page.



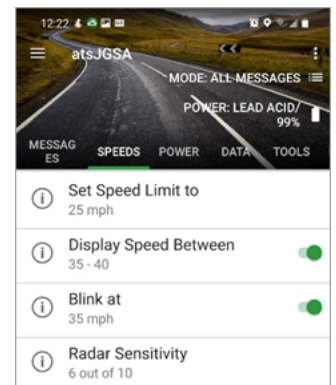
NOTE: To reduce the risk of tampering, the buttons deactivate five minutes after you power on the sign. To reactivate them, restart the SpeedAlert by turning the power switch in the trailer battery box on and off.

To configure the SpeedAlert using the TrafficCloud Mobile app for Android:

If you purchased an Android tablet from us, the TrafficCloud Mobile app has been pre-installed. If you have your own Android device, you can purchase a TrafficCloud Mobile perpetual license from ATS and then download the app from the [Google Play Store](#). Using the app you can control a wide range of tasks, such as downloading traffic data, setting the speed limit and display mode, creating Sites, message display, and checking battery power.

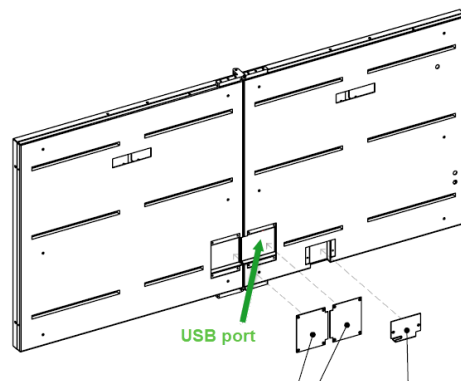
To connect with the app, do the following:

- A. Sign into the **TrafficCloud Mobile app** on your Android device using your TrafficCloud credentials.
- B. Scan for your SpeedAlert. You can connect to any ATS device registered to your account within Bluetooth range. Only one connection is permitted at a time.
- C. Use the Bluetooth pairing code "ATS" to connect to your SpeedAlert.



To configure the SpeedAlert using TrafficCloud Sign Manager for Windows:

- A. First, for **TrafficCloud Sign Manager for Windows** installation details, please see the *TrafficCloud Start-Up Instructions* included with your shipment and available from our Technical Customer Support page at <https://www.alltrafficsolutions.com/support/>. For details about using TrafficCloud Sign Manager for Windows, in the application, click **Help > Software User's Manual**.
- B. Then, do one of the following:
- Plug the supplied USB-A-to-mini B cable into the back of the sign and then into your computer. The mini-B port is located inside the back of the sign (as shown at right), or
 - If you're connecting from an ATS trailer, connect the supplied USB cable inside the trailer battery box to your laptop computer, or
 - Connect to the SpeedAlert over the optional Bluetooth connection (use pairing code "ATS"). Once the device is paired, run TrafficCloud Sign Manager and select Bluetooth under the **Connection** menu.



SpeedAlert Display Modes

Here is a summary of the SpeedAlert Display Modes:



Display Mode	Description
SINGLE MESSAGE	Single Message mode: Selects from the messages saved in the sign to display.
ALL MESSAGES SCROLL	All Messages mode: Displays all of the messages saved in the sign, in sequence.
DEPENDENT MESSAGE	Dependent Messages mode: Displays a series of messages, with the content depending on how fast the approaching vehicle is traveling.
YOUR SPEED DISPLAY	Speed Display mode (Radar signs only): Displays the speeds of the approaching vehicle.
NO DISPLAY (STEALTH)	Display Off mode: Turns off but the display but the sign is still active and gathering traffic and other data. Also, referred to as "stealth mode".
SPEED LIMIT SIGN	Speed Limit Sign mode: Sets the Speed Limit to display.

Contacting Technical Customer Support

For support for your All Traffic Solutions products,

- » visit the Technical Customer Support page at <https://www.alltrafficsolutions.com/support/>,
- » send email to support@alltrafficsolutions.com, or
- » call 1-866-366-6602, Option 2 anytime between 8:00 a.m. and 6:00 p.m. Eastern Time, Monday to Friday.

Technical documentation and training

If you have a TrafficCloud subscription, please visit our **ATS Start-Up Guides** page at <https://www.alltrafficsolutions.com/get-started/> for links to the most recent versions of our technical documentation, including the *Getting Started with TrafficCloud* series. If you don't have a subscription, please visit the Technical Customer Support page.

Please contact Technical Customer Support to discuss your TrafficCloud training options. For online training resources, please visit our **TrafficCloud Training Videos Hub** at <https://flow.alltrafficsolutions.com/hub-training-video-trafficcloud-0-0-0-0>.