SPRINTSHIELD PROALERT
INSTALLATION GUIDE

**THANK YOU FOR PURCHASING
SPRINTSHIELD PROALERT**

Introducing a state-of-the-art speed alert system with automatic updates for the discerning driver – ready to use right out of the box.

Whether you are a speed enthusiast or simply want to stay aware of your surroundings on the road, the Sprintshield PROALERT is designed for your safety and driving pleasure.

The sleek design seamlessly integrates into any vehicle and provides a discreet, yet powerful solution to protect you. The Sprintshield PROALERT's easy-to-read display and intuitive controls provide a self-sufficient and reliable driving companion.

The Sprintshield PROALERT utilizes GPS technology for vehicle location and speed alerts. PROALERT downloads and installs updates automatically via LTE 4G.

Please read the documentation thoroughly to optimize your Sprintshield PROALERT user experience for the full suite of features:
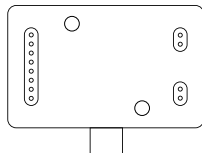
- 2.83" IPS touchscreen tablet with a magnetic docking station for an in-cabin mount
- Preloaded Cyclops safety camera database FREE 1-YEAR subscription
- LTE 4G internet connected
- Monthly safety camera update to deliver fresh data
- OTA (over-the-air) automatic tablet update
- Regional coverage included
- 2 year warranty

WHAT'S IN THE BOX?

1. Sprintshield PROALERT Tablet
2. Docking Station
3. External GPS Antenna
4. Power Adapter: External 12V to 5V Converter
5. Welcome Card and NFC PIN Card
6. Sprintshield Installation Guide, Quick Start Guide, and the Safety, Product, and Liability Guide.
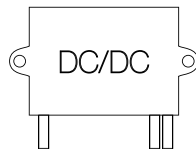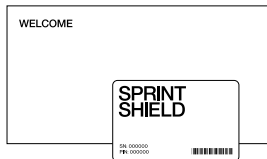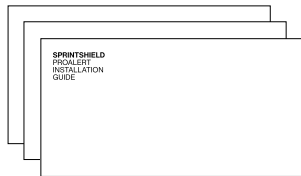7. Screen Cleaning Cloth

(1)

(2)

(3) GPS

(4) DC/DC

(5)

WELCOME

SPRINT SHIELD

SN: 000000
PIN: 000000

(6)

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(7)

SPRINT SHIELD

The Sprintshield PROALERT Tablet includes a built-in rechargeable lithium-ion battery and can operate completely detached from any hardware connection for limited operation. When detached the user may change settings.

For full operation with the POI Speed Camera alerts enabled the PROALERT Tablet must be mounted in the Docking Station. For optimal operation attach the external GPS Antenna. The antenna is included in the PROALERT package set. Mounting instructions follow below.

Once installation is complete, the Docking Station securely clamps the Sprintshield PROALERT Tablet. The driver then adjusts the viewing angle to read notifications and operate controls. The Docking Station transfers power, connects the antenna, amplifies the GPS signal, and provides a speaker jack. (NOTE: External speaker is not included.) An LED light is attached to the Docking Station for clear indication of speed alert (red) and speeds below the speed limit (blue).

NOTE: Please consult a professional automotive electrician to install Sprintshield PROALERT components.

Sprintshield d.o.o. shall not be deemed liable or responsible for the aforementioned, or for any damages to any Sprintshield PROALERT components including but not limited to the Sprintshield PROALERT Tablet, Sprintshield PROALERT Docking Station, Sprintshield PROALERT Power Supply, external GPS Antenna, or any damages to the vehicle caused by non-professional installation.
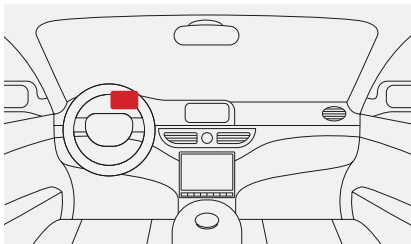
Additional information for proper use of this product can be found in the Safety, Product, and Liability Document and online at www.sprintshield.com.

LOCATE THE POSITION FOR
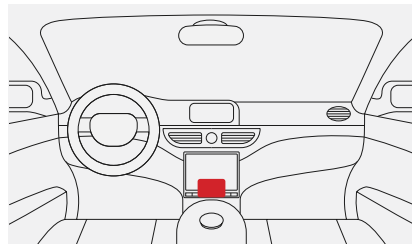## THE DOCKING STATION

Select the best location on the vehicle's dashboard to attach the Sprintshield PROALERT Docking Station. Take the vehicle's interior into account and place the Docking Station in arm's reach of the driver and with unobstructed view.
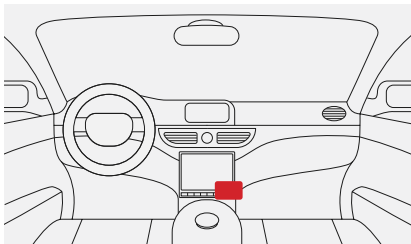
Consider the following:

1. The Sprintshield PROALERT Docking Station must not interfere with any other vehicle system. It must not impair the driver or the safety of the driver and passengers.

2. The Sprintshield PROALERT Docking Station must be placed within the driver's field of view while minimizing the distraction.

3. The driver needs unobstructed reach for editing and controlling the Sprintshield PROALERT Tablet.

4. If not familiar with relevant vehicle components and systems, consult the vehicle's user manual in order to protect the vehicle's interior from damages during installation of the Sprintshield PROALERT Docking Station.
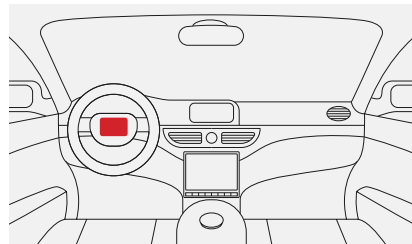

✕ Do not install on the wheel

✕ Do not install on infotainment screen

✕ Do not install on buttons

✕ Do not install on airbag

ATTACH THE DOCKING STATION

Install the Sprintshield PROALERT Docking Station securely in the optimal position.

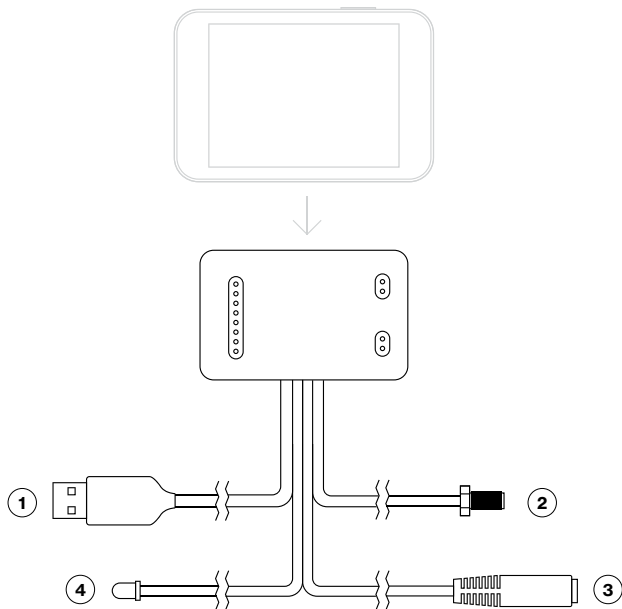The following cables are permanently attached to the Sprintshield PROALERT Docking Station.

1. USB Plug: USB-A 2.0
2. External GPS Antenna Connector: SMA
3. External Speaker Plug: 3.5mm
4. LED Indicator

OPTIONAL
Position the LED indicator where visible to the driver. If not used, roll up the LED cable and secure it unobtrusively.

OPTIONAL
An external speaker is not required. If an external speaker is not used, roll up and secure the cable unobtrusively.

POWER SUPPLY

The Sprintshield PROALERT docking station should be connected by means of the Power Adapter (included).

Please consult a professional automotive electrician to install the Power Adapter. Hard wire the red and black cables to the vehicle's 12V supply lines. Use the vehicle's Switched 12V lines. These cables are de-energized when the vehicle's key is in the OFF position. This prevents excessive battery discharge or malfunction from extra standby current.

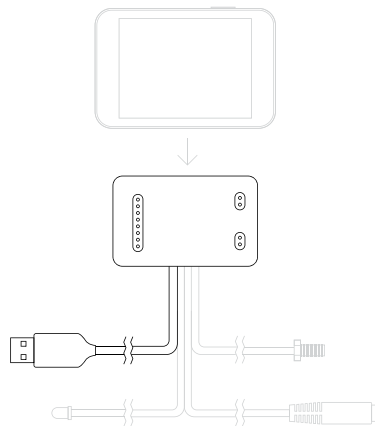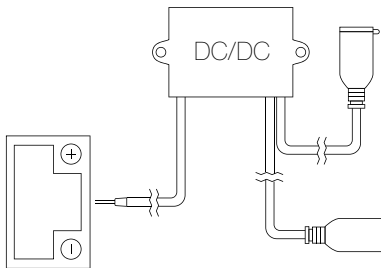The Power Adapter supplies 5V on the USB output cables.

Sprintshield d.o.o. shall not be deemed liable or responsible for the aforementioned, or damages to the Sprintshield PROALERT, Docking Station, Power Adapter, or any other Sprintshield PROALERT components caused by improper installation.

For more information see the Safety, Product, and Liability Document and online at www.sprintshield.com.

Connect the Sprintshield PROALERT Docking Station's USB power input cable to either one of the USB cables from the Power Adapter.

Note:
Do not use the vehicle's built-in USB port as a source of power. Generally, the current would be insufficient to power the PROALERT to function properly.
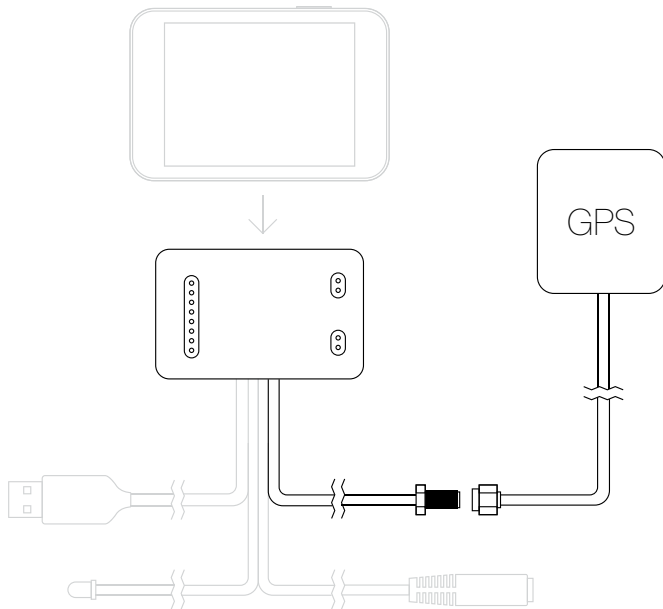
CONNECT THE EXTERNAL GPS ANTENNA

The Sprintshield PROALERT Tablet embeds an internal GPS/GNNS antenna. The Tablet is self-contained and able to receive signals without the Docking Station or any hardware connections.

The built-in GPS/GNNS antenna performs better than most mobile devices. To further improve availability and accuracy of GPS positioning the external high-gain GPS Antenna should be installed in the vehicle and connected to the Sprintshield PROALERT Docking Station. The external antenna amplifies weak signals and signal-conditions interference from the atmosphere and from reflections in forested or urban canyon areas.
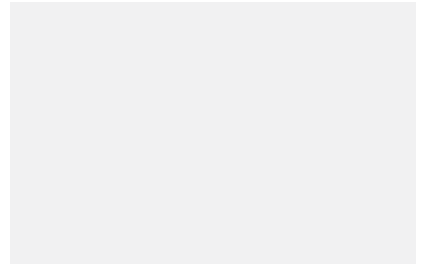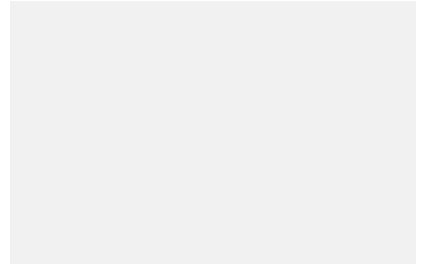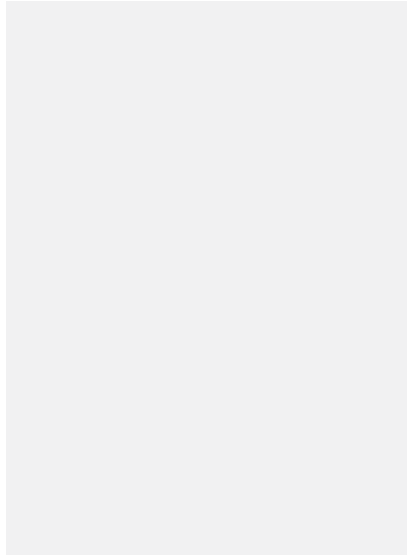
Do not connect the external GPS Antenna to the Docking Station until after both have been securely installed in the vehicle and cables permanently routed.

When the Sprintshield PROALERT Tablet is mounted to the Docking Station the external GPS Antenna provides a higher signal-to-noise ratio for the Tablet to locate and amplify GPS signals in areas where GPS signals are weak.

When installing the external GPS Antenna consider the following:

1. Antenna and cable installation should be neat and concealed.

2. Antenna should be positioned to optimize GPS reception

   a) A good position is beneath plastic bumper fascias. Plastic does not block GPS signals but metal can.

   b) If placed in the cabin, the windshield should not be metallized and must not interfere with or attenuate GPS signals.

3. Mount the external GPS Antenna such that it faces towards the sky. Minimize obstructions.

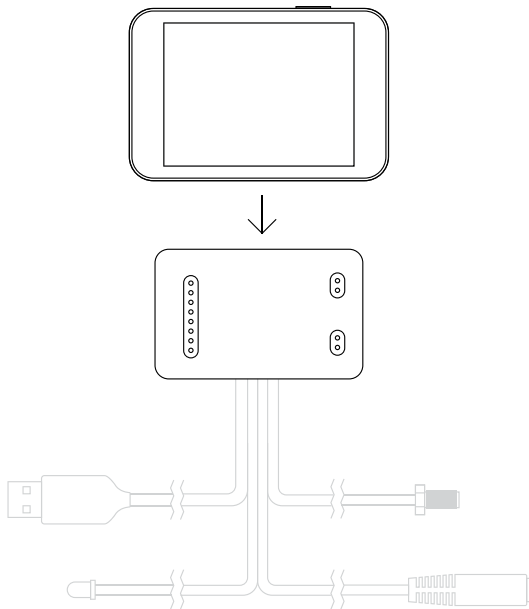## MOUNT THE SPRINTSHIELD PROALERT TABLET INTO THE DOCKING STATION

After completing the steps above

• Install the Docking Station

• Connect the Power Supply and insert the USB cable

• Position and connect the external GPS Antenna

place the Sprintshield PROALERT Tablet in the Docking Station.

Magnets are embedded in the Docking Station to help prevent the Tablet from falling out.

Once the Sprintshield PROALERT Tablet is mounted properly in the Docking Station and power cable plugged in it will start charging after the vehicle is keyed on. The status bar shows an indicator when the Sprintshield PROALERT Tablet's battery is charging.

SPECIFICATIONS

H × W × D:
52,5 mm × 79 mm × 15,5 mm
2.04" × 3.11" × 0.61"

Weight:
77 g / 0.16 lb.

Environmental Conditions:
- Operating ambient temperature:
  -20° C to 55° C / -4 F to 131 F
- Storage temperature:
  0° C to 25° C / 32 F to 77 F
- Short term non-operating temperature: -30° C to
  80° C / -22 F to 176 F
- Relative humidity, noncondensing:
  0% to 90%

Battery
Integrated rechargeable lithium-ion battery
Standby time (typ.): 15+ h
Screen on time (typ): 1 h

Display
2.83" / 71.8 mm
IPS capacitive touchscreen

Power
- 5 V supply current (screen and speaker on)
  700 mA max.
- 5 V supply current (screen on)
  300 mA
- 5 V supply current (standby)
  20 mA
- 12 V adapter current (screen and speaker on)
  350 mA Max.
- 12 V adapter current (standby)
  10 mA

Computer Core
ARM Cortex-A53
Quad Core 2.00 GHz

Connectivity
LTE 4G

Connection ports
Speaker plug, mono: 3,5 mm mini-phono
GPS antenna connector: SMA
USB 2.0: Standard-A connector

Thank you for your patronage. We value your feedback on the Sprintshield PROALERT Installation Guide.

Please let us know if you have suggestions for improvement or encountered any issues during installation by email: support@sprintshield.com

For initial setup and to gain a deeper understanding of our product and its features, consult the comprehensive user manual online: www.sprintshield.com > proalert > user manual