

## Element User Manual    **Model A**

Thank you for choosing WayRay Element, smart car tracker and driving assistant! We hope you enjoy using it and feel a positive impact in your driving routine. Setting it up to use for the first time is incredibly simple. This user manual will help you properly install your Element.

Follow these steps to initialize your Element:

### Step 1: Download the app

Scan this QR code or search Element app in the AppStore/Google Play.

### Step 2: Sign up

Use your Facebook account or email address to create a profile.

### Step 3: Activate your profile

Scan the QR code on your Element or enter the serial number into the app.

### Step 4: Prepare your vehicle

Turn off your car. Be sure your car is turned off when you plug in or unplug Element.

### Step 5: Locate the OBD-II port

Locate the OBD-II port using Element app.

### Step 6: Plug in the device

Plug the device into the OBD-II port. Be sure your car is turned off when you plug in or unplug Element.

### Step 7: Synchronize with Element app

After installation, turn your vehicle on and the app will sync with your Element.

### Step 8: Light signals

#### Steady green

If the installation was successful, the light on your Element will be steady green.

#### Flashing green

A green flashing light means that the system is loading or Element is connecting to the internet or GPS.

#### Yellow

A yellow light means Element encountered a minor error, i.e. low car battery. We recommend charging your car battery.

#### Flashing yellow

A flashing yellow light indicates a dropped GPS or internet signal. We recommend changing your location.

#### Orange

An orange light means a minor problem has worsened, but can still be resolved.

That might be:

- No signal for a long period of time
- Overheating

We recommend contacting our support team at [support@wayray.com](mailto:support@wayray.com) for advice on how to resolve this problem.

#### Pink

A pink light means Element has encountered an error that requires technical support.

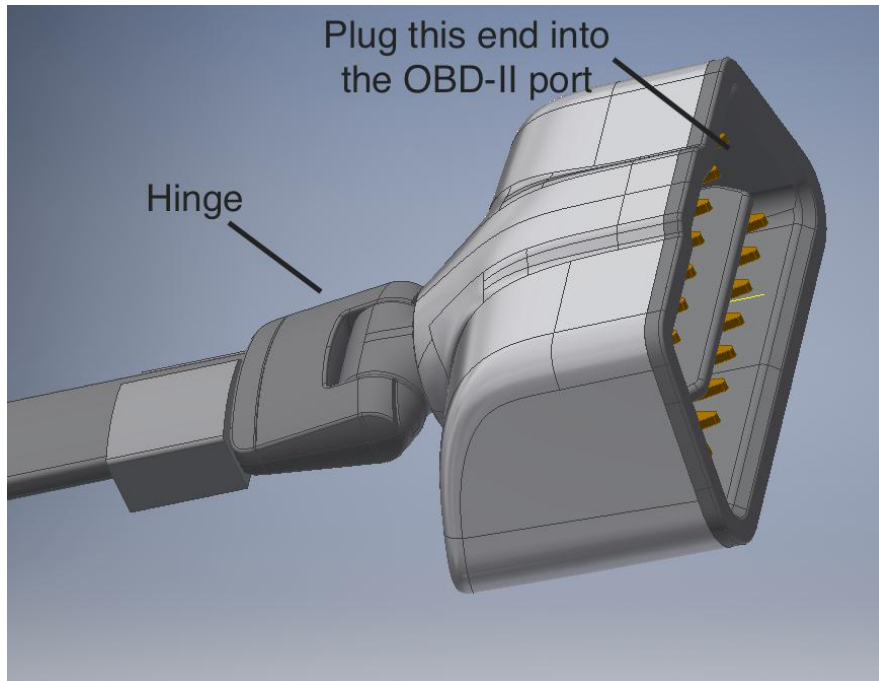
That might be:

- Error loading the device
- Error receiving data
- Cannot connect to the server

If the light on your Element is pink please contact Technical Support for more information:  
[support@wayray.com](mailto:support@wayray.com)

#### Using the extension cable

You can use the OBD extension cable provided in the kit to improve the quality of the GPS signal. In some car models, the location of the OBD-II port prevents Element from getting a good signal. In this case, you can use the extension cable to connect to the OBD-II port and place Element on the dashboard near the windshield. Note: the extension cable may not improve the GPS signal if you are in an underground parking lot or other area with poor signal strength.



### Extension cable installation

Step 1: Plug the extension cable into OBD-II port

Only one end of the cable fits into the port. A hinge at its base can be used to turn it around for better positioning.

Step 2: Place the extension cable into the holder clip

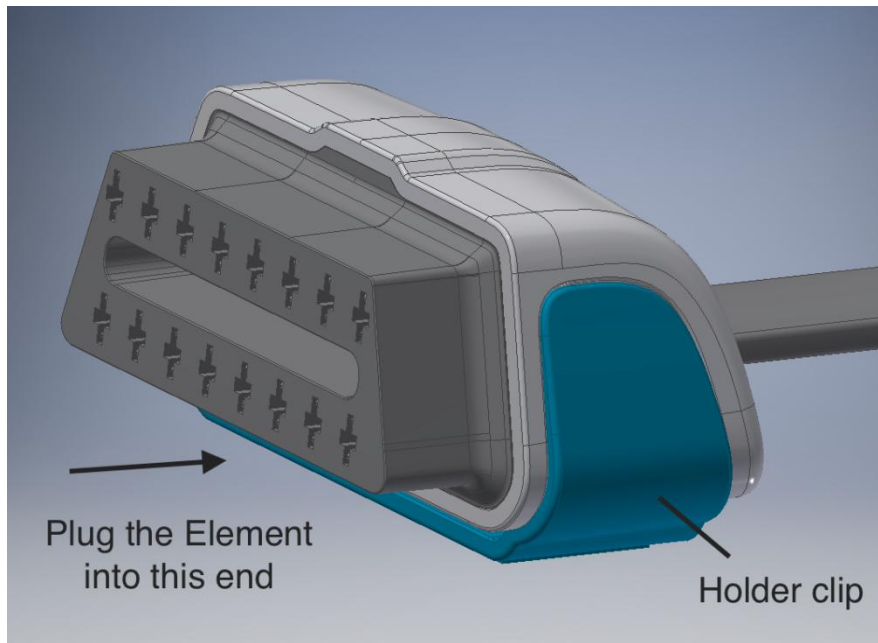
Remove the protective layer from the adhesive tape at the bottom of the holder clip and place the clip on the dashboard. Insert the other end of the extender into the holder.

Step 3: Secure the cable

Guide the cable around the edge of the dashboard so that it is out of the way and secure the cable with cable clips. If the extension cable is too long, bundle the remaining part of the cable with the silicone strap.

Step 4: Plug in the device

Plug Element into the extension cable. Element will function as usual.



### Safety tips

This extension cable is designed to work only with Element device. Do not use the cable with other OBD devices. This may result in permanent damage to the extension cable or the device.

When you are choosing where to place your Element, make sure the Element LEDs do not distract you from driving and are not reflecting in the windshield.

Make sure the cable is held by the clips so it's out of the way of your car's controls, pedals, and levers. Make sure the device is securely fixed in its position and will not fall on the brake pedal.

Clean your dashboard before applying the clips. Cable clips will stick more firmly to the surface if you clean it with degreasing wipes.

You can rotate the cable where it's plugged into the OBD-II port for better positioning. Do not rotate the cable more than 360 degrees.

### Safety Information

Make sure to read this Safety Information before using Element.

Failure to follow these safety instructions could result in fire, electric shock, and other injuries, as well as damage to the Element, vehicle, and other property.

### Installation/Uninstallation

Element can only be installed with a standard OBD-II port or its extension cord.

Element installation/uninstallation should only take place when the vehicle ignition is turned off.

Do not install Element:

- In the airbag deployment zone;
- In the vehicle exposed to direct sunlight;

Warning: do not leave Element unattended in the vehicle for more than 12 hours.

## Usage

Element is designed to be used exclusively in the vehicle.

Element and its battery can be damaged if dropped, exposed to fire or liquid, or taken apart in any way. If you assume Element or its battery to be damaged, stop using the device immediately to avoid overheating or injury.

## Receiving a GPS signal

Connecting to the GSM network and acquiring a satellite signal may take some time, typically 1-3 minutes.

Some basic conditions must be met for signals to be properly received:

- must be in an area covered by the GSM network;
- must be in an open space (i.e. above ground) for reliable reception of satellite signals.

## Repairs

Do not disassemble Element or attempt to repair the device. Attempts to take Element apart may result in damage or injury. If Element is damaged or malfunctioning, contact WayRay or an authorized service center.

## Battery

Do not attempt to replace the battery. The lithium polymer battery should only be replaced by WayRay or an authorized service provider.\* Improper replacement or repair may result in damage to the battery, overheating and injury. The battery must be recycled or disposed of separately from household waste. Do not incinerate the battery. For battery maintenance and disposal, see the "Disposal" chapter.

\*See the full list of authorised providers at [wayray.com/support](http://wayray.com/support)

## Driving Safety

Do not use the Element app on any mobile device while driving.

## Vehicle Location

Element's ability to determine and display vehicle location information depends on data servers. Data servers are subject to change and may not be available in all areas, resulting in maps and location information that may be unavailable, inaccurate or incomplete. Some features require the use of geolocation services on your mobile device.

## Extended Thermal Exposure

Contact with hot surfaces for long periods of time can cause discomfort or result in injury. Use the device with care and avoid extended contact with your skin while the device is operating. Be especially cautious if your physical condition keeps you from feeling the temperature of devices as they heat up.

## Radio Frequency Exposure

Follow the rules prohibiting or restricting the use of electronic devices (for example, in hospitals or blasting zones). Despite the fact that Element is designed, tested, and manufactured to meet radio emission standards, Element's radio emissions may adversely affect other electronic equipment and disrupt its function.

## Effects on Medical Devices

Element has components and radio transmitters that emit electromagnetic fields. Electromagnetic fields and magnets may affect the operation of cardiac pacemakers, defibrillators, and other medical devices. Store and use Element at a safe distance from medical devices. Consult a physician or the manufacturer of the medical device about whether it is possible to use Element with your device. If you suspect that Element is affecting the operation of a pacemaker, defibrillator or other medical devices, stop using Element.

## Health

If you think that Element can affect your health (for example cause seizures, loss of consciousness, eye strain or headaches), consult your doctor before using it.

## Potentially Explosive Atmospheres

Using Element in potentially explosive atmospheres, such as in areas with high concentrations of flammable chemicals, vapors or particles (such as dust or metal powders) in the air can be hazardous. Follow all signs and instructions.

## Operation in Hazardous Environments

This device is not intended for use in environments in which device failure can lead to death, personal injury, or severe damage to the environment.

### Choking Hazard

Some Element accessories contain small parts that pose a choking hazard for children. Keep accessories out of the reach of children.

### Cleaning

Clean Element immediately if it comes in contact with substances such as dirt, sand, ink, cosmetics, soaps, solvents, lotions, acids or acidic foods, etc. that can cause stains or other damage.

#### Cleaning instructions:

To clean Element, unplug it and wait until the LED display goes off. Use a soft lint-free cloth, such as a lens-cleaning cloth.

Avoid getting moisture in openings.

Do not use soaps or gas dusters.

Avoid exposure to liquids and dust.

If a liquid is spilled on Element, disconnect it from the vehicle and wipe it with a soft lint-free cloth. Minimize contact with the following substances: soaps, detergents, acids or acidic foods, as well as any liquid other than fresh water, such as salt water, soapy water, chlorinated water, perfumes, insect repellents, lotions, sunscreen, adhesive remover, hair dye or solvents. If Element comes into contact with any of these substances, follow the instructions in the "Cleaning" section above.

If Element comes into contact with liquid, remove it from the vehicle. Do not use Element if wet. Before using the device, wait at least 48 hours.

Do not attempt to dry Element using external heat sources. Do not insert foreign objects such as cotton swabs or paper towels into any openings.

### Using Ports

Do not use excessive force when inserting Element into the port, as this may cause damage not protected under warranty. If the port and plug do not join with reasonable ease, they probably don't match. Make sure there are no foreign substances in the plug and that the port is compatible with the plug and correctly oriented in relation to it.

Do not connect Element to any ports besides the OBD-II.

### Extension Cords

Element works only with extension cords produced by WayRay.

Discoloration of the cable or the port as a result of regular operation is normal and is not covered by warranty. Discoloration may be caused by dirt, debris, and exposure to liquid.

If the cord heats up significantly during use, disconnect it from the onboard network.

Some forms of usage may result in abrasions or damage to the cord. The extension cord, as with any other cable, loses durability and can break in places of frequent bending. Be careful not to bend the cable too much; curve it into a wide arc instead. Regularly inspect the cord and port for kinks, bends, cracks, or other damage. If you discover such damage, discontinue use immediately.

## Operating Temperature

Temperatures inside the vehicle differ significantly from outside temperatures. Furthermore, the temperature inside Element differs significantly from the temperature outside the device.

Therefore, when placing the tracker in the vehicle, make sure the device is well ventilated.

Element is designed to operate at a temperature of 32-86 °F (0 to 30 °C) and should be stored at 14-113 °F (-10 to 45 °C). If stored or used outside of this temperature range, Element can incur damage and battery life may be reduced. Element should not be exposed to extreme temperatures or high humidity (over 60%). Heating of the device during operation is normal. If Element's internal temperature exceeds normal operating temperatures (due to extended exposure to direct sunlight or being in a hot car), the following may occur as Element attempts to normalize the temperature:

device shut down;

limited functionality until the temperature drops below critical level;

delays in the transmission of data to the server until the temperature drops below critical level.

## CE

RF exposure information: The Maximum Permissible Exposure (MPE) level has been calculated based on a distance of  $d=20$  cm between the device and the human body. To maintain compliance with RF exposure requirements, while using the product, maintain a 20 cm distance between the device and the human body.

Hereby, WayRay SA declares that the radio equipment type GPS tracker is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

[www.wayray.com](http://www.wayray.com)

GSM 900 Tx frequency: 880MHz~915MHz Power:  $29.5 \pm 0.5$  dBm

GSM 1800 Tx frequency: 1710MHz~1785MHz Power:  $27 \pm 0.8$  dBm

WCDMA 2100 Tx frequency: 1920MHz~1980MHz Power:  $22.3 \pm 2$  dBm

Bluetooth Tx frequency: 2400MHz~2483.5MHz Power:  $1.1 \pm 1$  dBm for classic

$-4.5 \pm 0.5$  dBm for BLE



## FCC

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installation. This equipment generates, uses, and can radiate radio frequencies and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in case of proper installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the distance between the equipment and the receiver
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an certified radio/TV technician for help

## RF Exposure

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and the human body.

Get on the road with Element!

Customer support  
[support@wayray.com](mailto:support@wayray.com)