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## LONGRUF G916

# LONGRUF GPS Navigator User Manual

Model: G916

## PRODUCT OVERVIEW

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The LONGRUF G916 GPS Navigator is a 7-inch touch screen navigation system designed for cars, trucks, RVs, and motorhomes. It features the latest 2025 North America maps, voice guidance, speed camera warnings, and lifetime live map updates. Its intuitive interface and professional navigation functions ensure a safe and efficient travel experience.



Figure 1: LONGRUF GPS Navigator G916

## SETUP

### 1. Unboxing and Components

Upon unboxing, ensure all components are present: the GPS unit, car charger, USB cable, suction cup mount, and user manual.



Figure 2: GPS Navigator dimensions and port locations (Headphone jack, TF card slot, USB interface, ON/OFF button).

## 2. Initial Charging

For optimal performance, fully charge the GPS unit before first use. Connect the device to the car charger and allow it to charge for at least 20 minutes for quick use, or 2 hours for normal use.

## 3. Mounting the GPS Navigator

The GPS Navigator comes with a suction cup mount for easy installation on your car's windshield. For a visual guide on assembling and mounting the unit, please refer to the official installation video below.

Your browser does not support the video tag.

Video 1: How to Install GPS Navigator. This video demonstrates the assembly of the mount and the process of attaching the GPS unit to your car's windshield.

1. Ensure the suction cup handle is in the released (perpendicular) position.
2. Press the suction cup firmly against a clean, smooth area of your windshield.
3. Flip the handle to the locked position to secure the mount.
4. Adjust the angle of the GPS unit for optimal viewing, then tighten the screws to fix the position.

## OPERATING INSTRUCTIONS

### 1. Powering On/Off

Press and hold the ON/OFF button (refer to Figure 2) to power the device on or off. A short press will put the device into sleep mode or wake it up.

### 2. Navigating the 7-inch 2.5D Touch Screen

The 7-inch 2.5D touch screen offers a clear and responsive interface for easy navigation. Its advanced design provides a three-dimensional picture and eliminates blind spots for improved visibility.



Figure 3: Detail of the 2.5D full screen display, highlighting its enhanced visual clarity and touch responsiveness.

### 3. Smart Voice Broadcast and Guidance

The GPS system provides turn-by-turn voice navigation in multiple languages. It offers comprehensive voice prompts for real-time safety navigation and direction of progress. In case of a wrong turn, the intelligent error correction quickly recalculates a new route. For highway driving, it provides clear lane guidance to prevent confusion.

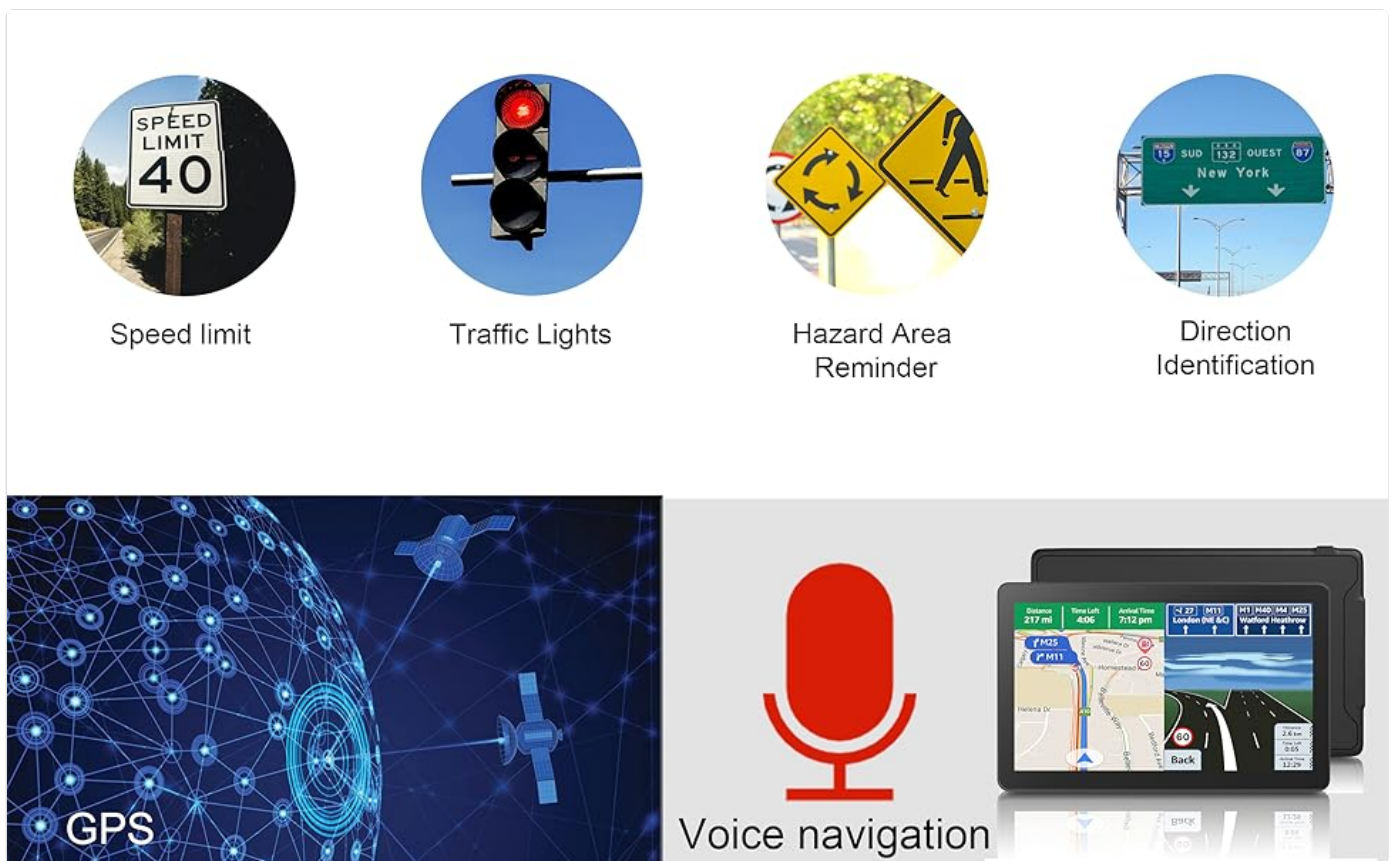


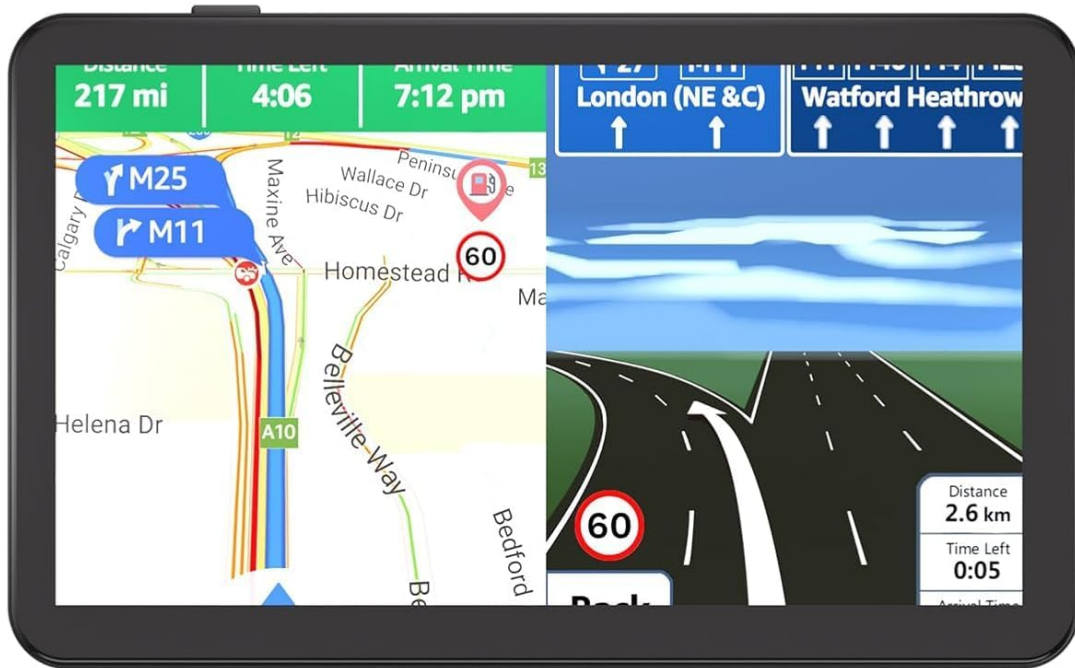
Figure 4: GPS Navigator showing active navigation with voice guidance feature.

#### 4. Professional Navigation Features

The navigation system is equipped with a full suite of features for efficient travel:

- **Search Options:** Support Postcode, Address, Coordinates, Favorite, and POI (Points of Interest) Search.
- **Driver Alerts:** Includes Active Lane Guidance assist and Active Speed Camera Detection.
- **Voice Broadcast:** Street name broadcasting and turn-by-turn real voice broadcast.
- **Route Options:** Choose from Fast, Green, Short, or Easy routes.
- **Time Setting:** Support GPS time or Map time setting.
- **FM Radio:** Transmit GPS sound to your car's audio system via FM connection.

# Multi-Functions Satellite Navigation System



12 satellite positioning



POI search



2D/3D Map View Mode



Smart Route Planning



FM Transmitter



Speed Warnings



Tools



Voice Broadcast

Figure 5: Overview of multi-functional satellite navigation system features including 12 satellite positioning, POI search, 2D/3D map view, smart route planning, FM transmitter, speed warnings, tools, and voice broadcast.

## Locations with Poor or No Satellite Signal



In the tunnel



Surrounded by skyscrapers



Forest area



Inside the building



Bad weather  
\* Snow, rain, cloudy, etc.



Train, high-speed rail,  
bullet train...



Under bridge hole

Figure 6: Points of Interest (POI) functionality, showing options for Petrol Stations, Parking, Restaurants, and Accommodation along the route or at the destination.

### 5. Accurate GPS Tracking and Vehicle Customization

The 7-inch GPS Navigation system provides fast and accurate GPS tracking. It allows for route customization based on your vehicle's Weight, Length, Height, and Width, helping to avoid restricted roads. It also displays current speed and estimated arrival time.



## Multiple Vehicle Modes



Figure 7: Multiple Vehicle Modes feature, allowing users to select vehicle type (e.g., Car, Truck, RV, Motorhome) for optimized routing.

# Intelligent Navigation



Speed limit 30    Direction Identification    Hazard Area Reminder    Traffic Lights

Figure 8: Intelligent Navigation features displayed on the GPS screen, including speed limit, direction identification, hazard area reminders, and traffic light indicators.



Figure 9: Illustration of GPS Satellite Global Positioning for accurate navigation.

## 6. Lifetime Live Map Updates

The device comes pre-installed with the latest 2025 North America maps (USA, Canada, Mexico) with 2D/3D map display and live traffic. Lifetime map updates are provided. For updates or to download maps for other countries (e.g., Europe, UK, Ireland, Australia), please contact customer support.

# Lifetime Free Maps Updates



If you have any questions about the map update, please contact us



Figure 10: The process of updating maps for lifetime free map updates.



Figure 11: Map update progress for UK & EU maps, listing available countries.

## MAINTENANCE

- Keep the device clean using a soft, dry cloth. Avoid abrasive cleaners or solvents.
- Protect the screen from scratches.
- Avoid exposing the device to extreme temperatures (hot or cold) or direct sunlight for prolonged periods.
- Store the device in a cool, dry place when not in use.
- Ensure all cables are connected securely and are not pinched or damaged.

## TROUBLESHOOTING

### No Power / Device Not Turning On

- Ensure the device is fully charged. Connect it to the car charger and allow it to charge for at least 20 minutes before attempting to power on.
- Check the car charger connection and ensure the vehicle's power outlet is functioning.
- If the device has a reset button (often a small pinhole), use a thin object to press it and restart the device.

### GPS Signal Loss / Inaccurate Positioning

- Ensure the device has a clear view of the sky. Obstructions like tall buildings, tunnels, dense forests, or being inside a building can block GPS signals.
- Move to an open area to acquire a stronger signal.
- Bad weather conditions (snow, rain, heavy clouds) can also affect signal strength.



Figure 12: Common locations where GPS signal reception may be poor or non-existent.

### **Touch Screen Unresponsive**

- Restart the device.
- Ensure the screen is clean and free of debris or moisture.

### **Map Update Issues**

- Ensure a stable internet connection during map downloads.
- Verify sufficient storage space on the device (16GB memory).
- Contact customer support for assistance with map updates.

## **SPECIFICATIONS**

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Feature	Detail
Brand	LONGRUF
Model Number	G916
Display Size	7 Inches
Product Dimensions	0.63 x 0.06 x 0.37 inches (1.65 pounds)
Battery Life	3 Hours
Batteries	1 9V batteries required (included)
Operating System	Windows
Map Type	North America (USA, Canada, Mexico)
Special Features	Custom Truck Routing, Free Lifetime Update Maps, Lane Assist, Road Warnings, Touchscreen
Connectivity Technology	USB
Vehicle Service Type	Car, Truck, RV, Motorhome

## WARRANTY AND SUPPORT

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The LONGRUF GPS Navigator is backed by a full 1-YEAR WARRANTY. For any questions, issues, or assistance with map updates, please contact our customer care team. We are committed to providing the best solution for your needs.

**Manufacturer:** LONGRUF

**Seller:** FeiShengUS ([Seller Information Page](#))

Please refer to your purchase documentation for specific contact methods or email our customer care directly as mentioned in the product description.