WE PK7210

WE V16 IoT Emergency Light User Manual

Model: PK7210

1. Introduction

This manual provides instructions for the safe and effective use of your WE V16 IoT Emergency Light. This device is designed to enhance road safety by signaling vehicle incidents and automatically alerting the DGT (Dirección General de Tráfico) with precise geolocation data. It replaces traditional warning triangles, offering a safer and more efficient way to signal a breakdown or accident.

Image: Two WE V16 IoT Emergency Lights, ready for use.

2. Safety Information

2.1 General Safety Guidelines

- Ensure the device is securely placed on a flat, metallic surface of the vehicle.
- Activate the device only when necessary to signal an incident.
- Do not obstruct the light emission.
- Keep out of reach of children.
- Dispose of batteries responsibly according to local regulations.

2.2 DGT Homologation

The WE V16 IoT Emergency Light is DGT 3.0 approved, meeting all specifications and certification requirements (IDIADA PC24010146). This ensures compliance with Royal Decree 2822/1998 for emergency signaling devices, guaranteeing its legality and effectiveness on public roads.

Image: Official DGT Homologation Seal for the V16 IoT beacon.

3. Setup

3.1 Battery Installation

The device requires 3 AAA batteries (not included). To install the batteries:

1. Locate the battery compartment cover on the underside of the device.
2. Open the cover by twisting or sliding it as indicated.
3. Insert 3 AAA batteries, ensuring correct polarity (+ and - symbols).
4. Close the battery compartment cover securely to ensure water resistance.

Image: Underside of the V16 beacon showing the open battery compartment and AAA batteries.

3.2 Initial Activation and Data Coverage

The device includes 12 years of free data service from Telefónica, starting from 2026, ensuring connectivity until 2038. This service is automatically activated upon first use and does not require any manual setup or subscription.

4. Operating Instructions

4.1 Activation

To activate the emergency light:

1. Press the central red button located on the top of the device. The light will begin to flash in an amber color.
2. The device is designed for safe activation and placement from inside the vehicle, minimizing the risk of exposure to traffic.

4.2 Placement

For optimal visibility and DGT geolocation, place the activated beacon on the highest possible metallic

surface of your vehicle, such as the roof. The integrated magnetic base ensures secure attachment even at high speeds.

Image: An illuminated WE V16 IoT Emergency Light, demonstrating its 1km visibility and magnetic attachment.

4.3 Geolocation and SOS Signal

Upon activation, the device automatically transmits its precise geolocation to the DGT 3.0 platform, alerting authorities to your incident. This also sends an SOS signal, ensuring rapid response and assistance.

Image: Top view of the V16 beacon, showing indicators for DGT connection, geolocation, and SOS signal.

4.4 Motorcycle Use

The compact and portable design of the WE V16 IoT Emergency Light allows for authorized use on motorcycles. Ensure secure placement on a metallic surface for effective signaling.

5. Maintenance

5.1 Battery Life

The device provides approximately 2.5 hours of continuous operation on a fresh set of 3 AAA alkaline batteries. It is recommended to carry spare batteries and check their charge periodically.

5.2 Checking Device Status

To check the current battery level and GPS connection status, scan the QR code located on the device using a smartphone. This will provide real-time information about your beacon's readiness.

Image: A smartphone scanning the QR code on the V16 beacon to check its status.

5.3 Data Coverage

The integrated data coverage is guaranteed until 2038. No additional subscription or payment is required for the data service during this period.

6. Troubleshooting

6.1 Light Not Activating

- **Check Batteries:** Ensure batteries are correctly installed and have sufficient charge. Replace with new AAA batteries if necessary.
- **Press Firmly:** Ensure the activation button is pressed firmly and held for a moment.

6.2 No Geolocation Signal

- **Placement:** Ensure the device is placed on the exterior of the vehicle with a clear, unobstructed view of the sky for optimal GPS signal reception.
- **Check Status:** Use the QR code (Section 5.2) to verify GPS connection status.

6.3 Device Malfunction

- If the device does not function after checking batteries and placement, or if you suspect a defect, contact customer support for further assistance.

7. Specifications

7.1 Technical Details

Brand	WE
Model Number	PK7210
Package Dimensions	25.5 x 16.5 x 7.5 cm
Item Weight	450 grams
Light Type	LED
Power	50 Watts
Light Color	Amber
Special Features	Geolocation
Battery Autonomy	Approximately 2.5 hours
Data Coverage	Included until 2038
Homologation	DGT 3.0 (IDIADA PC24010146)
Vehicle Service Type	Car, Motorcycle

8. Warranty and Support

8.1 Warranty Information

The WE V16 IoT Emergency Light comes with a manufacturer's warranty. Please refer to the product packaging or contact WE customer service for specific warranty terms and conditions. Spare parts availability is guaranteed for 12 years.

8.2 Data Service

The integrated data service, essential for geolocation and DGT communication, is provided free of charge until 2038. This ensures long-term functionality without additional costs.

8.3 Customer Support

For technical assistance, troubleshooting, or any other inquiries regarding your WE V16 IoT Emergency Light, please visit the official WE website or contact your authorized retailer. Have your model number (PK7210) and purchase information ready when contacting support.