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EUROLIGHT ELT0001

EUROLIGHT V16 Emergency Light with Geolocation User Manual

Model: ELT0001

1. INTRODUCTION

The EUROLIGHT V16 Emergency Light is a DGT 3.0 homologated device designed to enhance road safety during vehicle breakdowns or accidents. This connected beacon features integrated geolocation capabilities and a SIM card for automatic communication with traffic authorities. Its high-power LED illumination ensures visibility from over 1 kilometer, providing crucial warning to other drivers. The magnetic base allows for quick and secure placement on your vehicle without requiring you to exit the car, minimizing exposure to traffic hazards. This manual provides essential information for the proper setup, operation, and maintenance of your EUROLIGHT V16 device.



Image 1.1: The EUROLIGHT V16 Emergency Light, its retail packaging, and included AAA batteries.

Image 1.2: DGT 3.0 Homologation Badge (LCOE PC25060037).

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- EUROLIGHT V16 Emergency Light (Model: ELT0001)
- Storage Bag
- Batteries (4 x AAA type)
- User Manual (this document)

3. SETUP

3.1 Battery Installation

1. Locate the battery compartment cover on the underside of the EUROLIGHT V16 device.
2. Open the cover by gently sliding or twisting it according to the markings.
3. Insert four (4) AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.



Connected Road Emergency Signal
When you need to be safe



FIJACIÓN MAGNETICA
ULTRA RESISTENTE



IP54: PROTECCIÓN
CONTRA EL POLVO Y EL
AGUA



PRESIONAR DURANTE
2 SEGUNDOS PARA
ACTIVARLA. DE ESTA MANERA
SE EVITAN SEÑALES FALSAS.



BOLSA DE TELA PARA
ALMACENAJE INCLUIDA



Image 3.1: Underside of the device showing the battery compartment and magnetic base.

3.2 Initial Check

After installing the batteries, briefly press the activation button (located on the top of the device) for less than 2 seconds to confirm the light flashes. This short press will activate the light for a few seconds without sending a geolocation signal to the DGT. Press again briefly to turn it off. If the light does not activate, check battery installation or replace batteries.

4. OPERATING INSTRUCTIONS

4.1 Activating the Emergency Light

1. In case of an emergency or breakdown, remain inside your vehicle for safety.
2. Take the EUROLIGHT V16 device.
3. Press and hold the activation button on top of the device for approximately **2 seconds** until the light begins to flash continuously.

4. Immediately place the activated device on the highest possible metallic surface of your vehicle, such as the roof. The ultra-strong magnetic base will secure it in place.
5. The device will automatically begin transmitting its geolocation data to the DGT (Dirección General de Tráfico) after approximately 100 seconds of continuous operation.

PROTECCIÓN

SIN SALIR DEL VEHÍCULO



EVITA SALIR A LA VÍA

y reduce el riesgo de atropello.



SUSTITUYE LOS TRIÁNGULOS

tradicionales.



USO OBLIGATORIO

en España partir de enero de 2026.



ACTÍVALA DESDE EL INTERIOR

del vehículo en solo 1 paso.

Image 4.1: Activating and placing the V16 light on a vehicle's roof from inside.

4.2 Geolocation and DGT Communication

The EUROLIGHT V16 is equipped with an integrated SIM card and IoT technology, ensuring precise and anonymous communication of your vehicle's location to the DGT. This connectivity is active until 2038 without additional subscriptions or costs. The device transmits incident alerts to traffic management centers, which can then inform other drivers via information panels.

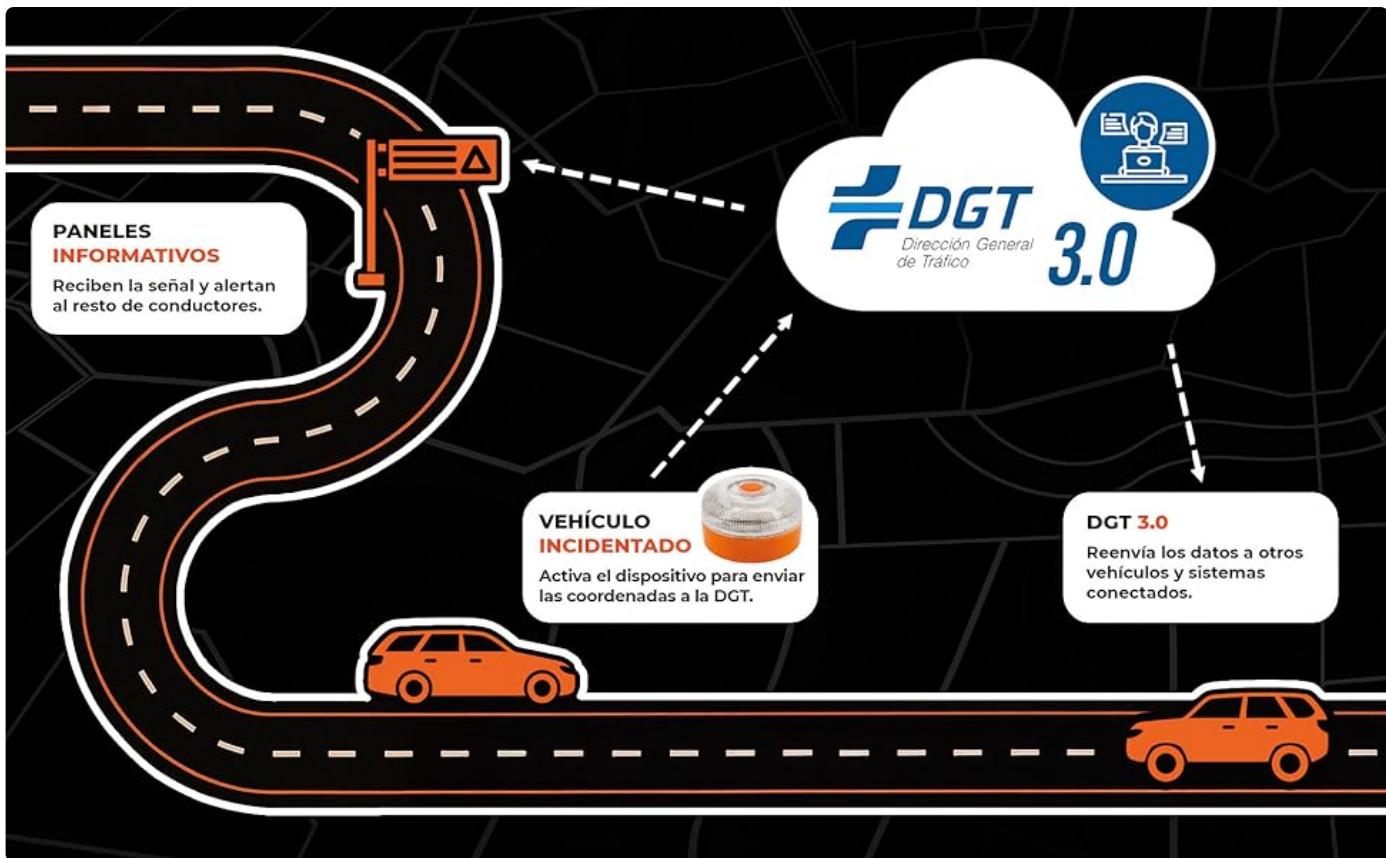


Image 4.2: DGT 3.0 communication flow with the V16 device.

4.3 Deactivating the Light

To turn off the light, press and hold the activation button for approximately 2 seconds until the light stops flashing. This will also cease the transmission of geolocation data.

5. MAINTENANCE

5.1 Battery Replacement

It is recommended to check the battery level periodically and replace the batteries annually or as needed to ensure optimal performance. Use four (4) new AAA alkaline batteries for replacement. Follow the battery installation steps outlined in Section 3.1.

5.2 Cleaning

The EUROLIGHT V16 has an IP54 rating, providing protection against dust and splashing water. To clean the device, wipe it with a soft, damp cloth. Do not use abrasive cleaners or immerse the device in water.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	Dead or incorrectly installed batteries.	Check battery polarity or replace with new AAA batteries. Ensure the activation button is pressed for 2 seconds.

Problem	Possible Cause	Solution
Light turns off too quickly.	Insufficient battery power.	Replace batteries with new AAA alkaline batteries.
Uncertain if geolocation signal is sent.	No visual indicator for signal transmission.	The device automatically transmits after 100 seconds of continuous operation. Ensure the light is continuously flashing for this duration. The SIM is pre-activated and connected until 2038.
Magnetic base not holding securely.	Surface is not metallic or is dirty.	Ensure the placement surface is clean, dry, and made of ferrous metal. For non-metallic roofs (glass or canvas), place the device on the door frame.

7. SPECIFICATIONS

Model: ELT0001

Homologation: DGT 3.0 (LCOE PC25060037)

Visibility: 360 degrees, visible up to 1 km

Connectivity: Integrated SIM card (Orange network), active until 2038

Power Source: 4 x AAA batteries

Dimensions (L x W x H): 8.5 x 8.5 x 4.5 cm

Weight: 260 g

Material: Polycarbonate (lens)

Color: Orange (base), Clear (lens)

Special Features: Waterproof (IP54), Lightweight, Impact-resistant, Dust-resistant, Ultra-strong magnetic base

TAMAÑO COMPACTO

PARA FÁCIL ALMACENAJE



Image 7.1: Compact dimensions of the EUROLIGHT V16 for easy storage.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The EUROLIGHT V16 Emergency Light is covered by a manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included with your purchase or visit the official EUROLIGHT website for detailed warranty terms and conditions. Keep your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting, or any questions regarding your EUROLIGHT V16 device, please contact EUROLIGHT customer support. Contact details can typically be found on the product packaging or the official EUROLIGHT website.

Related Documents - ELT0001

 <p>SRL Multiphase ADS Available to hire or purchase Email: hire@eurolight.co.uk Call: 0800 2819 775</p>	<p><u>SRL Multiphase ADS: Adaptive Traffic Signal Control System</u> Learn about the SRL Multiphase ADS (Adaptive Detection System), an advanced vehicle actuation solution using deep learning and radar for efficient traffic flow management. Includes key benefits, how it works, controller logic, and setup instructions.</p>
 <p>KaWe EUROLIGHT® VET / VET C30 Gebrauchsanleitung 1. Ein / Abladen Batterie VET 2. Ein / Abladen Batterie VET C30 3. Montage des Ohrspeichels VET 4. Montage des Ohrspeichels VET C30 5. Inbetriebnahme des Otoskops VET 6. Inbetriebnahme des Otoskops VET C30 7. Wechseln der Ohrspeichels, einschließlich VET 8. Wechseln der Ohrspeichels, einschließlich VET C30</p>	<p><u>KaWe EUROLIGHT® VET C30 / VET C30 OP Veterinary Otoscope User Manual and Operating Instructions</u> Comprehensive user manual for the KaWe EUROLIGHT® VET C30 and VET C30 OP veterinary otoscopes. This guide provides detailed information on operation, maintenance, safety precautions, battery care, technical specifications, and troubleshooting for veterinary medical professionals.</p>
 <p>KaWe EUROLIGHT, COMBILIGHT, PICCOLIGHT Gebrauchsanleitung 1. Ein / Abladen Batterie 2. Montage des Ohrspeichels 3. Inbetriebnahme des Otoskops 4. Wechseln der Ohrspeichels</p>	<p><u>KaWe Otoscopes: Bedienungsanleitung und Produktinformationen</u> Umfassende Bedienungsanleitung für KaWe EUROLIGHT, COMBILIGHT und PICCOLIGHT Otoskope. Erfahren Sie mehr über Montage, Bedienung, Wartung, Sicherheitshinweise und Zubehör für diese medizinischen Diagnosegeräte.</p>
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 <p>KaWe EUROLIGHT, COMBILIGHT, PICCOLIGHT Gebrauchsanweisung 1. Ein / Abladen Batterie 2. Montage des Ohrspeichels 3. Inbetriebnahme des Otoskops 4. Wechseln der Ohrspeichels</p>	<p><u>KaWe Otoscopes User's Manual: EUROLIGHT, COMBILIGHT, PICCOLIGHT</u> Comprehensive user's manual for KaWe otoscopes, detailing operation, maintenance, and safety for EUROLIGHT, COMBILIGHT, and PICCOLIGHT models. Essential guide for medical professionals by KIRCHNER & WILHELM GmbH + Co. KG.</p>



[KaWe Otoscope User Manual: EUROLIGHT, COMBILIGHT, PICCOLIGHT](#)

Comprehensive user manual for KaWe otoscopes, including models EUROLIGHT, COMBILIGHT, and PICCOLIGHT. Provides detailed instructions on assembly, operation, hygiene, maintenance, safety guidelines, and troubleshooting for medical professionals.