

VH10

VEHICLE-MOUNT COMPUTER &
ACCESSORIES

REGULATORY &
WARRANTY GUIDE

This guide applies to:

- 8516
- 8516N/VH10N

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Return to Factory Warranty

Zebra provides a return to factory warranty on this product for a period of twelve (12) months in accordance with the statement of Warranty and Product Support provided at:

<http://www.zebra.com/warranty>

The warranty on Zebra manufactured equipment does not extend to any product that has been tampered with, altered, or repaired by any person other than an employee of an authorized Zebra service organization. See Zebra terms and conditions of sale for full details.

Important: Zebra warranties take effect on the date of shipment.



Waste Electrical and Electronic Equipment (WEEE) Directive 2012/19/EC & Waste Batteries Directive 2006/66/EC

This Product, and its accessories, comply with the requirements of the Waste Electrical and Electronic Equipment (WEEE) Directive 2012/19/EC. The batteries used in this Product comply with the requirements of Directive 2006/66/EC.

If your end-of-life Zebra product, battery or accessory carries a label as shown here, please contact your local country representative for details on how to arrange recycling.

<http://www.zebra.com/weee>

Restriction on Hazardous Substances (ROHS) Directive 2011/65/EU

What is RoHS?

The European Union has mandated that high environmental standards be met in the design and manufacture of electronic and electrical products sold in Europe, to reduce hazardous substances from entering the environment. The “Restriction on Hazardous Substances Directive (RoHS)” prescribes the maximum trace levels of lead, cadmium, mercury, hexavalent chromium, and flame retardants PBB and PBDE that may be contained in a product. Only products meeting these high environmental standards may be “placed on the market” in EU member states after July 1, 2006.



RoHS Logo

Although there is no legal requirement to mark RoHS-compliant products, Zebra indicates its compliance with the directive as follows:

The RoHS logo located either on the back of the product or underneath the battery in the battery compartment (or on a related accessory such as the charger or docking station) signifies that the product is RoHS-compliant as per the EU directive. Other than as noted below, a Zebra product

that does not have an accompanying RoHS logo signifies that it was placed on the EU market prior to July 1, 2006, and is thereby exempt from the directive.

Note: Not all accessories or peripherals will have a RoHS logo due to physical space limitations or as a result of their exempt status.

Disclaimer

Every effort has been made to make this material complete, accurate, and up-to-date. In addition, changes are periodically incorporated into new editions of the publication.

Zebra reserves the right to make improvements and/or changes in the product(s) and/or the program(s) described in this document without notice, and shall not be responsible for any damages including, but not limited to, consequential damages, caused by reliance on the material presented.

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1. Declaration of Conformity

Marking and European Economic Area (EEA)

The use of 5GHz RLAN's throughout the EEA, have the following restriction:

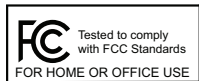
- 5.15 - 5.35 GHz is restricted to indoor use only.

The use of UHF narrow band devices may be subject to national licensing requirements. Consult the national spectrum management authority for advice before operating such devices.

Statement of Compliance

Zebra hereby declares that this radio equipment is in compliance with Directives, 2014/53/EU and 2011/65/EU. The full text of the EU Declaration of Conformity is available at the following internet address:
www.zebra.com/doc.

2. Regulatory Summary



FCC Information to User

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 a residential installation. This equipment generates, uses and can radiate radio frequency energy 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 a particular 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 separation between the equipment and receiver.
- * Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- * Consult the dealer or an experienced radio/TV technician for help.

Radio Transmitters (Part 15)

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

IMPORTANT NOTE:

Radio Frequency Interference Requirements - Canada

Radio Transmitters

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le present appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radio électrique subi même si le brouillage est susceptible d'en compromettre le fonctionnement.

For RLAN Devices:

The use of 5 GHz RLAN in Canada has the following restriction:

* Restricted Band 5.60 - 5.65 GHz

Pour les équipements RLAN:

L'utilisation de la bande RLAN 5 GHz au Canada présente les limitations suivantes :

* Bande restreinte 5.60 - 5.65 GHz

Label Marking: The Term 'IC:' before the radio certification only signifies that Industry Canada technical specifications were met.

Etiquette de marquage: Le terme 'IC:' avant la certification radio signifie que le produit est compatible avec le specification Industrie Canada.

Emissions Information for South Korea: Class B Equipment (Residential Use)

이 기기는 가정용(B급) 전자파적합기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.

Australia

The use of 5 GHz RLAN in Australia is restricted in the following band 5.60 - 5.65 GHz.

Country Roaming

This device incorporates the International Roaming feature (IEEE802.11d) which will ensure the product operates on the correct channels for the particular country of use.

China

China



通过访问以下网址可下载当地语言支持的产品说明书：
<http://www.zebra.com/support>

Approval Information for Brazil



3. Safety Summary

3.1 Warnings to Users

Important: For your own safety, it is critical that you comply with the following warnings.

RF Exposure

To satisfy FCC RF exposure requirements for vehicle mount transmitting devices, a separation distance of 20 centimetres should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended.

Do Not Remove Covers or Open Enclosures

To avoid injury, the equipment covers and enclosures should only be removed by qualified service personnel. Do not operate the equipment without the covers and enclosures properly installed.

Cautions

- Use of the Vehicle Mount Computer while charging the fork truck battery is prohibited.
- Use of additional wiring and attachments not recommended or sold by the manufacturer may result in fire, electric shock or personal injury.
- If using an AC adaptor, use only the AC adaptor recommended by manufacturer.

- Do not operate the vehicle-mount computer with a damaged cord or plug. Replace immediately
- Make sure the cord is positioned so that it is not stepped on, tripped over or otherwise subjected to damage or stress.
- An extension cord should not be used unless absolutely necessary. Use of an improper extension cord could result in fire or electric shock.
- To reduce risk of electric shock, unplug the vehicle-mount computer from the DC source before attempting any maintenance or cleaning.

Warning: Physically disconnect the VH10 from the vehicle battery during battery charging (into AC outlet).

3.2 Charging Accessories Safety Instructions

SAVE THESE INSTRUCTIONS – This manual contains important safety and operating instructions for charging devices.

Important: To avoid the risk of fire or personal injury, use only the AC adaptor recommended by Zebra.

- Before using the **charging accessories**, read all instructions and cautionary markings on (1) **charging device**, (2) battery and (3) product using battery.
- The mains power cord shall comply with national safety regulations of the country where the equipment is to be used.
- Use of an attachment not recommended or sold by Zebra may result in fire, electric shock, or personal injury.
- To reduce risk of damage to the electric plug and cord when unplugging the **charging device**, pull the plug rather than the cord.
- Make sure the cord is positioned so that it is not stepped on, tripped over, or otherwise subjected to damage or stress.
- Do not operate the **charging device** with a damaged cord or plug. Replace immediately.

- Do not operate the **charging device** if it has received a sharp blow, been dropped, or otherwise damaged in any way; it should be inspected by qualified service personnel.
- Do not disassemble the **charging device**; it should be repaired by qualified service personnel. Incorrect reassembly may result in electric shock or fire.
- To reduce risk of electric shock, unplug the **charging device** from the outlet before attempting any maintenance or cleaning.
- An extension cord should not be used unless absolutely necessary. Use of an improper extension cord could result in fire or electric shock. If an extension cord must be used, make sure:
 - The plug pins on the extension cord are the same number, size, and shape as those on the **charging device**.
 - The extension cord is properly wired and in good electrical condition and that the wire size is larger than 16 AWG.
- For indoor use only. Do not expose the **charging device** to rain or snow.
- Do not connect the Ethernet port of the accessory to outdoor cables.
- Do not use the **charging device** if, after an overnight charge, any of the batteries feel warmer than the **charging device** housing. The **charging device** should be inspected by qualified service personnel.

3.3 Imager & Laser Safety Instructions

Important: When equipped with an imager or scanner:

This product is a Class I/Class II LED/laser product according to CDRH 21 CFR 1040.10 and 1040.11 and Class1/Class 2 LED /laser product according to IEC 60825-1:2007.

Warnings

For your safety, it is **critical** that you comply with the following warnings:

- **Caution!** Do not look into the laser beam or point the beam at people or animals.
- Using controls or adjustments, or performing procedures other than those specified herein may result in hazardous radiation exposure.
- Using optical instruments with this product will increase eye hazard.

3.4 Battery Safety Instructions

Warning: BATTERIES MUST BE DISPOSED OF SAFELY AND PROPERLY AND IN ACCORDANCE WITH LOCAL LEGISLATION.

You can also contact your local representative for battery disposal information in your area, or go to the following web site to locate a local office:

<http://www.zebra.com>

Warning: Counterfeit Lithium-Ion Battery Packs!

Only use genuine Zebra battery packs. Counterfeit battery packs and battery packs re-manufactured using non original battery cells and components could pose a safety hazard due to poor quality components and/or lack of safety protection circuits. Non genuine battery packs are also not likely to meet the strict functional and environmental specification required for safe and correct operation when used in Zebra equipment. Using or attempting to recharge non genuine battery packs could result in poor performance, product damage, excessive heat being generated, battery leakage, fire or explosion resulting in personal injury. To avoid these issues only purchase and use genuine battery packs from authorized Zebra distributors.

Vorsicht: Explosionsgefahr bei unsachgemäßem Austausch der Batterie. Ersatz darf nur durch denselben oder einen vom Hersteller empfohlenen gleichwertigen Typ erfolgen. Gebrauchte Batterien sind nach Angaben des Her-

stellers zu entsorgen.

Note: The battery must be fully charged before first use.

Warning: **Before charging or using the battery pack, it is critical that the safety information in this section be reviewed and that all warnings are strictly followed.**

Warning: **TO PREVENT the battery from leaking acid, generating heat or exploding, adhere to the precautions below.**

- **Caution!** Danger of fire, explosion, leakage or other hazard if a battery is incorrectly handled, charged, disposed of or replaced.
- The battery incorporates built-in safety devices. To ensure their proper function, do not disassemble or alter any parts of the battery.
- Do not short-circuit the battery by directly connecting any of the exposed terminals with metal objects such as wire. Do not transport or store the battery together with metal objects such as necklaces, hair pins, etc.
- Do not dispose of batteries in fire as they may explode or release toxic materials and cause burns.
- Do not use or leave the battery near a heat source such as a fire or heater.
- Do not immerse the battery in water.
- When charging, use the charging device specifically designed for the battery.
- Do not pierce, strike, throw or step on the battery.
- Do not directly solder the battery.
- Do not connect the battery to an electrical outlet, vehicle cigarette lighter, etc.
- Do not put battery into a microwave oven or pressurized container.
- Immediately remove the battery from the device or charger and stop use if the battery gives off an odour, generates heat, becomes discoloured or deformed, or in any way appears abnormal during use.
- Do not continue charging the battery if it does not recharge within the specified charge time.

- The battery may burst or ignite if the battery leaks. Always ensure that it is away from any exposed flames.
- If leaking electrolyte sprays into your eyes, rinse them with clean running water, and immediately seek medical attention.
- Do not store the battery in extremely high temperatures (e.g., a vehicle, strong direct sunlight, etc.). This may cause the battery to overheat or ignite, and it may also reduce the performance and service life of the battery.
- Do not store a fully charged batteries. Batteries are best stored at approximately 40% of charge capacity.
- Do not use in areas where static electricity is greater than what the manufacturer guarantees.
- Keep batteries out of reach of children.
- Do Not Operate In An Explosive Atmosphere! Operating Zebra equipment where explosive gas is present may result in an explosion.
- Do not remove covers or open enclosures! To avoid injury, the equipment covers and enclosures should only be removed by qualified service personnel. Do not operate the equipment without the covers and enclosures properly installed.
- Avoid dropping the hand-held or battery. If the computer or the battery is dropped, especially on a hard surface, and the operator suspects damage, have it checked by qualified service personnel.

4. Support Services & Worldwide Offices

Zebra provides a complete range of product support services to its customers worldwide. These services include technical support and product repairs.

<http://www.zebra.com/support>



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