



# **WA4204-G2/G3 and WA4304-G2/G3**

**WORKABOUT PRO**

**Multi-Dock**

**User Manual**

**January, 2017**

**PN 400092-001**

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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:

[www.zebra.com/warranty](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.***

## Service

Zebra provides a complete range of product support services to its customers.

For detailed information, please refer to See 6.0: Support Services and Worldwide Offices. This section also provides information about accessing support services through the Zebra web site.



# Waste Electrical and Electronic Equipment (WEEE) Directive 2012/19/EU

This Product, and its accessories, comply with the requirements of the Waste Electrical and Electronic Equipment (WEEE) Directive 2012/19/EU.

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

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

## List of Approvals

### North America

EMC: FCC part 15, subpart B; class B

### Europe

EMC and Low Voltage Directives

This equipment complies with the essential requirements of EMC Directive 2004/108/EC and Low Voltage Directive 72/23/EEC Declaration of Conformity available on [www.zebra.com/DoC](http://www.zebra.com/DoC)



### CE Mark

When used in a residential, commercial or light industrial environment the product and its approved UK and European peripherals fulfill all requirements for CE marking.

## E mark: Vehicle Directive 95/54/EEC

Most of the world countries - safety approvals covered by CB report based on EN60950-1.

## 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.

### Disclaimer

Every effort has been made to make this material complete, accurate, and up-to-date. In addition, changes are periodically added to the information herein; these changes will be 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, including but not limited to typographical errors.

## Declaration of Conformity

Declaration of Conformity Documents are provided at:

[www.zebra.com/DoC](http://www.zebra.com/DoC)



# Multi-Dock

## WA4204-G2/G3 7525M/C, 7527C, 7528 (long)

## WA4304-G2/G3 7525S, 7527S, 7528 (short)

### 1.0 Important Multi-Dock Safety Instructions

*Important: SAVE THESE INSTRUCTIONS – This manual contains important safety and operating instructions for the Multi-Dock.*

Before using the Multi-Dock, read all instructions and cautionary markings on (1) the Multi-Dock, (2) the WORKABOUT PRO computer,

Use of an attachment not recommended or sold by the Multi-Dock manufacturer may result in fire, electric shock, or personal injury.

To reduce risk of damage to the electric plug and cord when unplugging the charger, 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 charger with a damaged cord or plug.

Replace immediately.

Do not operate the charger 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 charger; 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 charger 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 charger.

The extension cord is properly wired and in good electrical condition and that the wire size is larger than 16 AWG.

Do not expose the Multi-Dock to rain or snow.

Do not use the charger if any of the batteries or the charger get more than lukewarm. The equipment should be inspected by qualified personnel.



THE MAINS POWER CORD SHALL COMPLY WITH NATIONAL SAFETY REGULATIONS OF THE COUNTRY WHERE THE EQUIP- MENT IS TO BE SOLD.

CHARGER IS COMPATIBLE WITH 100-240VAC MAINS. FOR INDOOR USE ONLY

## 2.0 Installation

- Keep the WA4204-G2/G3 and WA4304-G2G3 away from excessive dirt, dust and contaminants.
- The handheld computer internal charger will not charge batteries outside an ambient temperature range of 0°C to 39°C (32°F to 102°F). It is recommended that this charger be operated at room temperature for maximum performance – between 18°C and 25°C (64°F to 77°F).
- After unpacking the unit:

Visually inspect the Multi-Dock for possible damage.

The Multi-Dock can consume up to 1.35A @ 120VAC or 0.675A @ 240VAC. Check to ensure the mains circuit supplying the charger is adequate for this loading (especially if several docks are being powered from the same circuit)

- Install the IEC power cord and apply power.

A green LED in the center of the front panel (see figure 3.1) lights to indicate that power is present. The Multi-Dock is now ready for operation.

## 3.0 Multi-Dock Operation

The WA4204-G2/G3 and WA4304-G2/G3 Multi-Dock (Figure 3.1) is a desktop model designed to accept the handheld computer for Ethernet data transfer and supply power to the handheld computer internal battery charger.

The Multi-Dock is equipped with a 10/100BaseT Ethernet interface and connects from one to four handheld computers to an Ethernet network. The Multi-Dock Ethernet port is compatible with 10BaseT and 100BaseT Ethernet networks. Adapters (not supplied) are available, if required, to convert this port to older style Ethernet interfaces.

The rear-mounted RJ45 connector incorporates LEDs that indicate data traffic (see Figure 3.2) when the handheld is in

the cradle, powered on and the dock is connected to mains. The green Link LED flashes to indicate the presence of data traffic. The yellow Speed LED is steady "on" when the network is 100Mbps and "off" when the network is 10Mbps.

## 3.1 Operator Controls

The Multi-Dock has no operator controls or power switch.

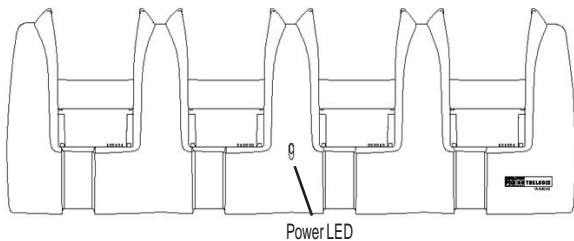


Figure 3.1

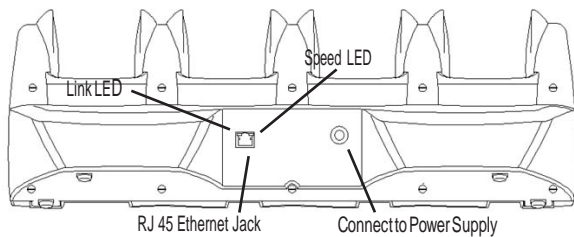


Figure 3.2

## 3.2 Charging the handheld Computer battery

The Multi-Dock supplies DC power to enable the handheld computer internal fast charger. Normally, it takes from 2.0 to 4.0 hours to fully charge the handheld computer internal battery.

- Slide the handheld computer into the cradle portion of the dock until tightly latched.
- The battery charge LED on the handheld computer will illuminate indicating that the unit has external power and battery charging will begin. It is safe to leave the handheld computer in the Multi-Dock cradle while it is not in use
  - the battery will not be overcharged.

When installed in the cradle of the Multi-Dock, the handheld's battery charge LED (handheld upper left) will illuminate to indicate the unit has external power and may charge the internal battery.



*Note: Battery charging continues whether the handheld computer is switched on or off.*

The handheld LCD flashes an icon when the battery is charging. During charge, the handheld LED will be flashing green. Then it will turn to steady green when fully charged.

If the battery is faulty or charged beyond operating temperatures, the LED is red.

The handheld terminal stops applying power to the battery when it is fully charged – there is no risk of overcharge if the battery remains in the charge slot.



***Important: If your WORKABOUT PRO is equipped with a protective carrying case or other such case, these accessories need to be removed before installing the unit in the Vehicle Cradle. There is no need to remove handstraps, pistol grips or tethered devices from the unit.***

## 4.0 Cleaning and Maintaining the Multi-Dock

- Do not immerse the unit in water. Dampen a soft cloth with mild detergent to wipe the unit clean.
- Use only mild detergent or soapy water on a slightly damp cloth to clean the Multi-Dock.
- Avoid abrasive cleaners, solvents or strong chemicals for cleaning.
- The Multi-Dock has a plastic case and stamped logo that is susceptible to harsh chemicals. The plastic and stamping is partially soluble in oils, mineral spirits and gasoline. They slowly decompose in strong alkaline solutions.
- To clean ink marks from the label, use isopropyl alcohol.
- Two latches in the Multi-Dock holds the WORKABOUT PRO firmly in place. Although this mechanism is designed for at least 5,000 cycles, it will wear over time and will no longer lock the WORKABOUT PRO securely in the Multi-Dock. For replacement parts and instructions contact Zebra (See 6.0: Support Services And Worldwide Offices). Partial disassembly is required.

## 5.0 Troubleshooting

### 5.1 Power LED Does not Light Up

- Remove handheld, and unplug the Multi-Dock.
- Connect another device to the mains outlet to ensure there is power.
- Remove the IEC mains power cable from the Multi-Dock, and check it for damage.
- Reconnect the Multi-Dock mains cable and mains outlet.
- If the power LED still does not light up, the Multi-Dock requires service.

## 5.2 No Charge L E D on the Handheld Computer When Installed in the Multi-Dock

- Remove the handheld, and carefully clean the contacts on the bottom of the handheld with soapy water or alcohol.
- If necessary, also clean the tops of the mating pogo pins on the Multi-Dock - taking care not to bend or damage them.

## 5.3 No Green Link LeD (RJ45) Connector When Connected to a Network

- Check the Ethernet cable. Replace if the cable is suspect.
- Contact your network administrator.

## 5.4 No Yellow (100BaseT) Speed LED on the RJ45 Connector When Connected to a 100baseT Network

- Check the Ethernet cable. Replace if the cable is suspect.
- Contact your network administrator to ensure the network jack is running at 100Mbps.

## 6. 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.

Go to [www.zebra.com/support](http://www.zebra.com/support)