Rack Model 1 & 2

Shipping and Unpacking

Quick Reference Guide
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Introduction

The guide provides information about shipping and unpacking the Rack Model 1 & 2, technical and regulatory specifications.

IMPORTANT: If you have a problem with your equipment, contact Zebra Global Customer Support for your region. Contact information is available at: zebra.com/support.

Chapter Descriptions

Topics covered in this guide are as follows:

- **Shipping and Unpacking** provides information on shipping, recycling, and unpacking.
- **Technical Specifications** provides information on the technical specifications for Europe and North America.
- **Regulatory** provides information on regulatory requirements.

Notational Conventions

The following conventions are used in this document:

- Bullets (•) indicate:
  - Action items
  - Lists of alternatives
  - Lists of required steps that are not necessarily sequential.
  - Sequential lists (such as those that describe step-by-step procedures) appear as numbered lists.

Icon Conventions

The documentation set is designed to give the reader more visual clues. The following graphic icons are used throughout the documentation set. These icons and their associated meanings are described below.

NOTE: The text here indicates information that is supplemental for the user to know and that is not required to complete a task.

IMPORTANT: The text here indicates information that is important for the user to know.
WARNING: Warning text goes here. If danger is not avoided, the user CAN be seriously injured or killed. Confirm with your Compliance Engineer before using this.

Related Documents and Software

The following documents provide more information about Intelligent Cabinets:

• Racks 1 & 2 Installation and User Manual
• Zebra Cabinet Site Installation Guide
• Zebra Cabinet Shelf Assembly Instructions
• Access Management System User Guide
• Access Management System Installation and User Instructions
• Access Management System Cabinet and Mobile Device Quick Reference Guide

For the latest version of this guide and all guides, go to zebra.com/support.
Introduction

The Racks are designed to allow storage and charging of up to 60 mobile devices in a convenient and semi-mobile rack. The Racks can be configured with a PPU module (not available in the US) that protects both the users and the equipment from a range of electrical faults and incidents. The Racks can also accommodate a network switch to allow for high speed communication to the mobile devices.

NOTE: The colors shown in the Figures in this chapter are used to clearly distinguish different elements only and do not reflect the actual product colors.

Figure 1  Rack Model 2 with PPU
Shipping

The racks weigh between 68 kg (150 lbs) and 86 kg (190 lbs) depending upon the model.

**IMPORTANT:** Due to the weight of the racks, two people are required for handling and unpacking.

The rack must always be shipped and handled in the upright position. Never lay the rack on its side as this could damage the shelves or distort the frame.

Recycling

All metal Rack components are 100% recyclable.

All packaging components are recyclable. The pallet and transit brackets can be retained should the rack need to be moved. They can also be returned to the factory for re-use or recycle.

Please refer to local recycling facilities for plastic and rubber components.

Tools

The following tools are needed to unpack and install the Rack:

- Box cutter or similar
- Pliers
- No 2 Pozidriv screwdriver
- No 25 Torx driver
- 10 mm spanner or adjustable wrench.

Warnings

**WARNING:** Strictly adhere to the following warnings:

- HIGH TOUCH CURRENT EARTH CONNECTION IS ESSENTIAL BEFORE CONNECTING SUPPLY.
- HIGH LEAKAGE CURRENT EARTH CONNECTION IS ESSENTIAL BEFORE CONNECTING SUPPLY.
- This product is class I and requires an Earth connection. The supplied mains lead must be used or if replaced it must be of the same or higher rating and must have three conductors, Live, Neutral and Earth.
- To avoid electrical shock, do not touch the metal prongs of the plug when installing or removing the plug to or from the mains outlet.
- Failure to properly ground this equipment can cause electrocution or serious shock, particularly when used near other metal objects such as plumbing or structural metal work such as mezzanine floor supports.
- If the power cable is worn, cut or damaged in any way it must be replaced immediately to avoid shock or fire hazard.
- Before any installation or maintenance operations, ensure that the equipment has been turned off and fully isolated. This may be achieved by switching off the mains and then disconnecting the mains plug from the mains outlet.
- Check that the installed power supplies do not exceed the stated maximum rating.
• Ensure that the rack is installed inside a building. The Rack must not be installed outdoors or in a location where it is subject to weather conditions.

• The rack must be used with its operating specification, see Technical Specifications on page 9.

Rack Arrival and Location Requirements

The rack arrives physically fixed to a half-Euro (or similar size) pallet and wrapped in a cardboard sleeve as shown in Figure 2. If the rack does not have wheels, move it near its final work position while it is still on the pallet. If the rack has wheels, it can be removed from the pallet wherever is most convenient.

The rack should be located in a position with the following criteria:

• The Floor must be level and flat.

• The Rack must be within range of a suitable power outlet, typically within 2 m (6 ft).

• The Rack must not be exposed to the elements. It must be installed in a building that is protected from moisture and excessive temperatures, both high and low.

Figure 2  Rack Wrapped and Fixed to Pallet

Unpacking

Removing Top and Sleeve

The unpacking process begins with the removal of the cardboard top which may be held in place with strapping. Carefully remove the strapping as it may be fastened with adhesive tape or staples. Take care when removing so as not to damage the paint of the rack beneath.

Remove the sleeve by splitting the sleeve at the corner join. As with the top, this might be fixed with tape or staples.
Removing Transit Brackets

The rack arrives fixed to the pallet with a pair of transit brackets as shown in Figure 3.

Each bracket, made from galvanized mild steel (not painted), is fixed to the pallet using ten wood screws and to the rack using four M6 nuts and bolts. Ensure that the rack and pallet are on a smooth level surface and remove all of the M6 fixings and wood screws.

Move the transit bracket off to one side. The transit brackets and pallet can be retained for future use, returned to the factory for re-use, or recycled.

Once both brackets are removed, carefully maneuver the rack off the pallet. This task requires two people as the rack can weigh as much as 86kg (190lbs).

Move the rack to its final working location and ensure that it is stable and safe.

- If the feet are chosen, then these must be adjusted to ensure that the Rack is vertical. Use a spirit level to make sure that the rack base plate is level in both X and Y planes.

- If the wheels are chosen, then the braked wheels must be placed into their locked position. To do this, press the brake foot pedal until it clicks into place. Do this to both braked wheels.
• If neither wheels nor feet are chosen, then having a flat and level floor is even more important.

**Figure 5** Lockable Casters

This completes the physical unpacking and positioning of the Rack. The equipment installation process is detailed in document titled Rack Model 1 & 2 Installation and User Instructions (MN-003984-xx).
### Technical Specifications

#### Table 4  Technical Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>CS-RAC</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Destination</strong></td>
<td>Europe</td>
</tr>
<tr>
<td>Power Protection Unit</td>
<td>Yes</td>
</tr>
<tr>
<td>Part Code</td>
<td>CS-RAC-30-E-1</td>
</tr>
<tr>
<td>Maximum Device Capacity</td>
<td>30 Devices</td>
</tr>
<tr>
<td>Dimensions</td>
<td></td>
</tr>
<tr>
<td>Weight (kg)</td>
<td>68 kg</td>
</tr>
<tr>
<td>Maximum Loading Per Shelf</td>
<td>10 kg Evenly Distributed</td>
</tr>
<tr>
<td>Input Voltage</td>
<td>220 - 240V</td>
</tr>
<tr>
<td>Power Distribution</td>
<td>Maximum of 1 Ampere Per Output Socket</td>
</tr>
<tr>
<td>Maximum Current</td>
<td></td>
</tr>
<tr>
<td>Operating Temp Range (°C)</td>
<td></td>
</tr>
<tr>
<td>Maximum Humidity</td>
<td></td>
</tr>
<tr>
<td>Maximum Operating Altitude</td>
<td></td>
</tr>
</tbody>
</table>
Regulatory Information

This device is approved under Zebra Technologies Corporation.

This guide applies to the following model number: CS-RAC

All Zebra devices are designed to be compliant with the rules and regulations in the locations they are sold and will be labeled as required.

Local language translation / Tradução do idioma local / Übersetzung in die locale Sprache / Raduccio de idioma local / Traduction en langue locale / Prijevod na lokalni jezik / Traduzione in lingua locale / 翻訳 / 현지 언어 번역 / Перевод на местный язык / 本地語言翻譯 / 本地語言翻译 / Yerel dil çeviri / Tłumaczenie na język lokalny: www.zebra.com/support

Any changes or modifications to Zebra equipment not expressly approved by Zebra could void the user's authority to operate the equipment.

Declared maximum operating temperature: 30°C.

Marking and European Economic Area (EEA)

Statement of Compliance

Zebra hereby declares that this device is in compliance with Directives 2014/30/EU, 2014/35/EU and 2011/65/EU.

The full text of the EU Declaration of Conformity is available at: www.zebra.com/doc

Waste Electrical and Electronic Equipment (WEEE)

For EU Customers: For products at the end of their life, please refer to recycling/disposal advice at: http://www.zebra.com/weee

United States and Canada Regulatory
Radio Frequency Interference Notices

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.

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 Frequency Interference Requirements – Canada

Innovation, Science and Economic Development Canada ICES-003 Compliance Label: CAN ICES-No 3 (B)/NMB-3(B)

TÜRK WEEE Uyumluğunu Beyanı

EEE Yönetmeliğine Uygundur.