

## caSino187 ADI-N1

# caSino187 Charging Dock Home Base (Model ADI-N1) User Manual

For iRobot Roomba J Series (J5, J7, J8, J9, J7+, J8+)

## 1. INTRODUCTION

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This manual provides essential instructions for the proper setup, operation, and maintenance of your caSino187 Charging Dock Home Base, Model ADI-N1. This charging dock is designed for use with iRobot Roomba J Series robotic vacuum cleaners, including models J5, J7, J8, J9, J7+, and J8+. Please read this manual thoroughly before use to ensure optimal performance and longevity of your device.

## 2. SAFETY INFORMATION

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- **Electrical Safety:** Ensure the power outlet used is easily accessible and correctly grounded. Do not use the charging dock with damaged cords or plugs. Disconnect power before cleaning or maintenance.
- **Indoor Use Only:** This charging dock is intended for indoor use in dry locations only. Do not expose to water or moisture.
- **Compatibility:** Use only with specified iRobot Roomba J Series models. Using incompatible devices may cause damage or safety hazards.
- **Children and Pets:** Keep the charging dock out of reach of children and pets to prevent accidental damage or injury.
- **Ventilation:** Ensure adequate ventilation around the charging dock. Do not cover or obstruct ventilation openings.

## 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- caSino187 Charging Dock Home Base (Model ADI-N1)
- Power Cord



Figure 3.1: The caSino187 Charging Dock Home Base (Model ADI-N1) and its included power cord.

## 4. SETUP

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1. **Choose a Location:** Place the charging dock on a hard, level surface against a wall. Ensure there is at least 1.5 feet (0.5 meters) of clear space on either side of the dock and 4 feet (1.2 meters) in front of it. Avoid placing it near stairs or heat sources.
2. **Connect Power:** Plug the power cord into the back of the charging dock, then plug the other end into a standard wall outlet. The indicator light on the dock should illuminate, confirming power.
3. **Cable Management:** Route any excess power cord neatly to prevent entanglement with the Roomba or other objects. The dock features integrated cable management channels on the back.



Figure 4.1: Side view of the charging dock, illustrating the cable management feature on the rear.



Figure 4.2: Front view of the charging dock, highlighting the charging contacts where the Roomba connects.

## 5. OPERATING INSTRUCTIONS

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Once the charging dock is set up and powered, your iRobot Roomba J Series robot vacuum will automatically return to it to recharge its battery when needed. Ensure the Roomba's charging contacts align with the dock's contacts for proper charging.

- **Initiating Charge:** Manually place your Roomba onto the charging dock, ensuring the metal charging contacts on the robot align with those on the dock. The Roomba will emit a tone and its battery indicator will show it is charging.
- **Automatic Return:** During a cleaning cycle, if the Roomba's battery runs low, it will automatically navigate back to the charging dock to recharge. Once fully charged, it may resume cleaning (depending on its programming).
- **Full Charge Indication:** Refer to your Roomba's specific user manual for details on its battery indicator lights, which typically change color or pattern when fully charged.

## 6. MAINTENANCE

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Regular maintenance ensures efficient charging and extends the life of your dock.

1. **Cleaning Charging Contacts:** Periodically wipe the metal charging contacts on the dock with a clean, dry cloth. Ensure the dock is unplugged before cleaning. Do not use abrasive cleaners or liquids.
2. **General Cleaning:** Wipe the exterior of the charging dock with a soft, dry cloth to remove dust.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Roomba not charging on dock.	<ul style="list-style-type: none"><li>◦ Dock not powered.</li><li>◦ Dirty charging contacts.</li><li>◦ Roomba not properly aligned.</li></ul>	<ul style="list-style-type: none"><li>◦ Check power cord connection and wall outlet.</li><li>◦ Clean charging contacts on both dock and Roomba.</li><li>◦ Manually place Roomba on dock, ensuring alignment.</li></ul>
Roomba cannot find the charging dock.	<ul style="list-style-type: none"><li>◦ Dock location obstructed.</li><li>◦ Dock not powered.</li></ul>	<ul style="list-style-type: none"><li>◦ Ensure clear space around the dock (1.5 ft sides, 4 ft front).</li><li>◦ Verify the dock is plugged in and receiving power.</li></ul>
Dock indicator light is off.	<ul style="list-style-type: none"><li>◦ No power to the dock.</li></ul>	<ul style="list-style-type: none"><li>◦ Check power cord connection to both dock and wall outlet. Try a different outlet.</li></ul>

## 8. SPECIFICATIONS

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Feature	Detail
Model Number	ADI-N1
Brand	caSino187

Feature	Detail
Compatible Devices	iRobot Roomba J5, J7, J8, J9, ADI-N1 (J7+, J8+)
Input Voltage	18 Volts
Amperage	1.25 Amps
Wattage	3 watts
Connector Type	Proprietary
Package Dimensions	6.73 x 6.46 x 4.41 inches
Item Weight	1.12 pounds



Figure 8.1: The bottom label of the charging dock, displaying model number ADI-N1 and electrical specifications (18V, 1.25A).

## 9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or contact caSino187 directly through their official channels. Keep your proof of purchase for warranty claims. For additional assistance or to view other products, visit the [caSino187 Store on Amazon](#).

