

## RCF ART915AXB

# RCF Art 915-A-BT 2,100W 15-inch Powered Speaker with Bluetooth

## USER MANUAL

### 1. Introduction

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Thank you for choosing the RCF Art 915-A-BT Powered Speaker. This manual provides essential information for the safe and efficient operation of your new speaker. Please read this manual thoroughly before using the product and keep it for future reference.

The RCF Art 915-A-BT is a high-performance 2,100W 15-inch active speaker designed for professional audio applications, featuring advanced technologies like Bass Motion Control and FiRPHASE, along with convenient Bluetooth connectivity for wireless audio streaming.

### 2. Safety Information

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Always observe the following safety precautions to prevent electric shock, fire, or injury:

- **Power Source:** Connect the speaker only to a power supply of the type described in this manual and marked on the unit.
- **Ventilation:** Ensure proper ventilation. Do not block ventilation openings.
- **Water and Moisture:** Do not expose the speaker to rain or moisture. Do not place objects filled with liquids on the speaker.
- **Heat:** Keep the speaker away from heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cables:** Protect power cords from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Hearing Protection:** Prolonged exposure to high sound pressure levels can cause permanent hearing damage. Use caution when operating the speaker at high volumes.

### 3. What's in the Box

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Upon unpacking your RCF Art 915-A-BT speaker, please verify that all components are present and in good condition:

- RCF Art 915-A-BT 2,100W 15-inch Powered Speaker with Bluetooth (1 unit)
- Power Cable
- User Manual (this document)

If any items are missing or damaged, please contact your dealer immediately.

## 4. Key Features

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- **Powerful Output:** 2,100W peak power for robust sound delivery.
- **High-Quality Drivers:** Equipped with a 15-inch woofer and a 1.75-inch compression driver for clear and dynamic audio across the frequency spectrum.
- **Bluetooth Compatibility:** Seamless wireless audio streaming from compatible devices.
- **Bass Motion Control (BMC):** Advanced woofer excursion management for extended low-frequency performance without compromising stability.
- **FiRPHASE Technology:** Proprietary FiRPHASE filters optimize dynamics, amplitude, and phase patterns, ensuring coherent sound distribution for all listeners.
- **Durable Construction:** Robust enclosure designed for reliability in various environments.

## 5. Setup

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### 5.1 Unpacking and Inspection

Carefully remove the speaker from its packaging. Inspect the unit for any signs of damage that may have occurred during transit. Keep the original packaging for future transport or storage.

### 5.2 Placement

The RCF Art 915-A-BT is designed for floor standing applications or can be mounted on a standard speaker pole. Ensure the speaker is placed on a stable, level surface or securely mounted. Avoid placing the speaker in direct sunlight, near heat sources, or in areas with excessive dust or humidity.

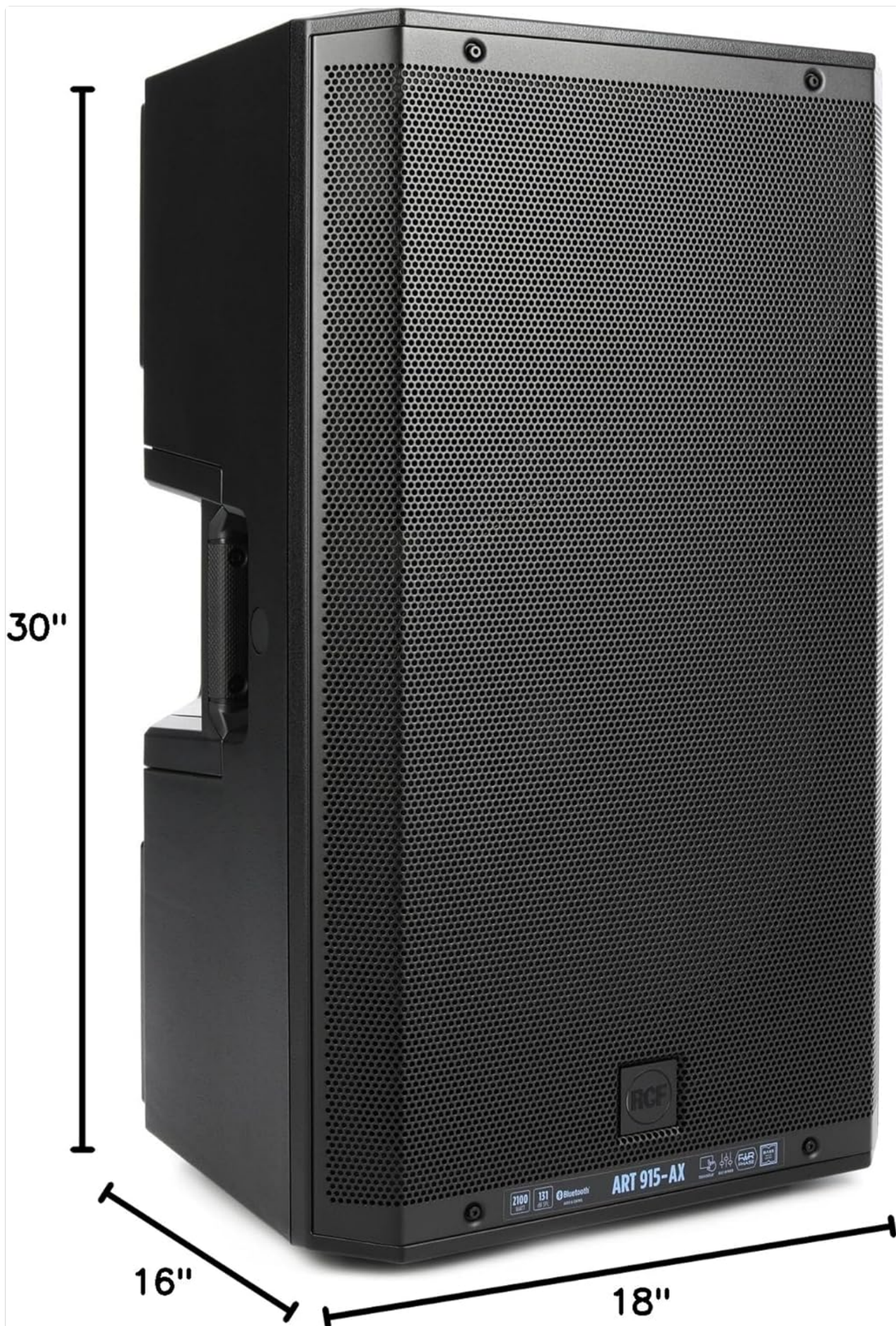


Figure 1: RCF Art 915-A-BT Speaker with approximate dimensions (30"D x 18"W x 16"H).



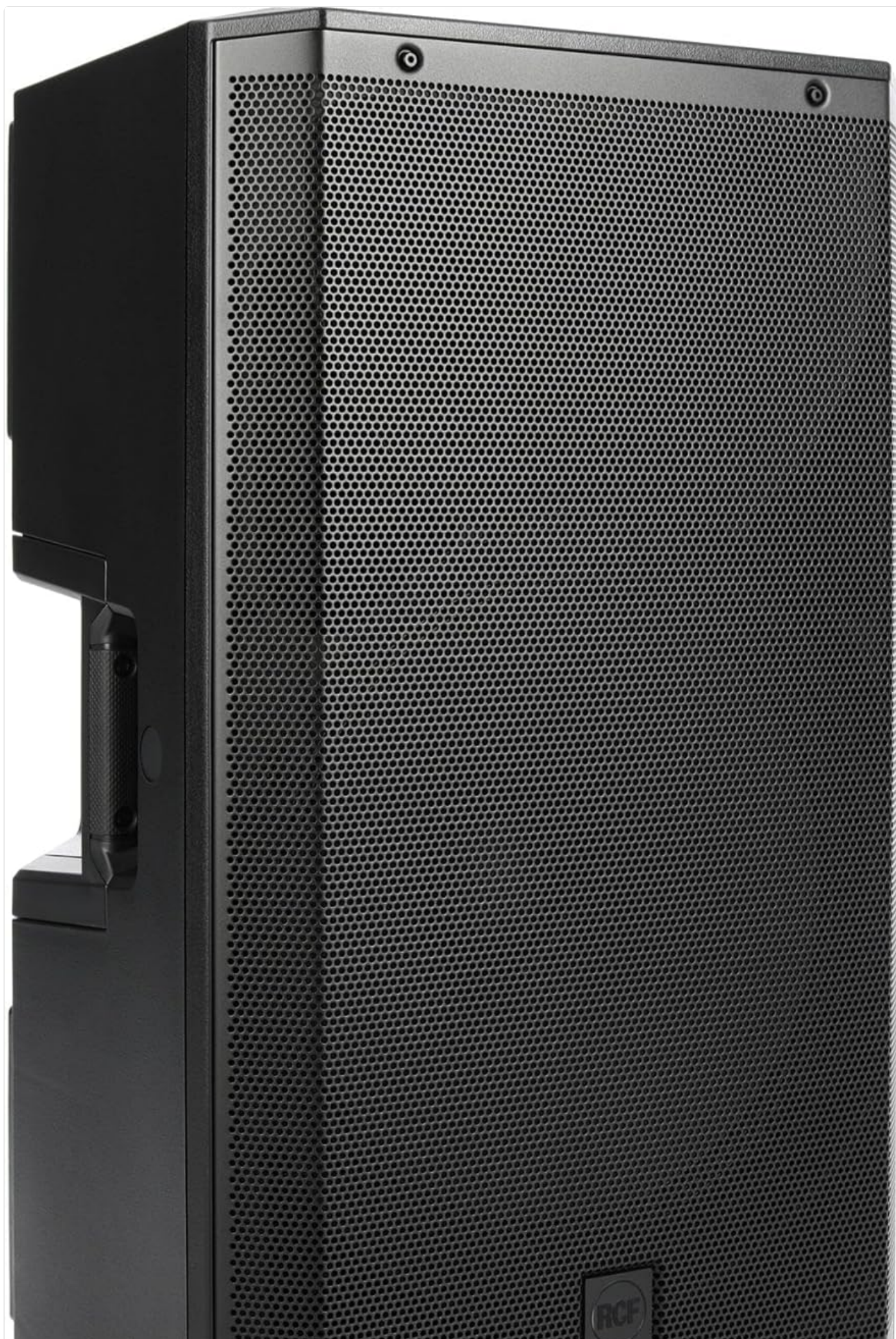




Figure 2: Front view of the RCF Art 915-A-BT powered speaker, showcasing its robust grille and RCF branding.

## 5.3 Connections

Before making any connections, ensure the speaker's power switch is in the OFF position and the volume controls are set to minimum.

- **Power Connection:** Connect the supplied power cable to the AC inlet on the rear panel of the speaker and then to a suitable power outlet.
- **Audio Input:** Connect your audio source (mixer, microphone, instrument, etc.) to the input connectors on the rear panel. The speaker typically features XLR and/or TRS inputs. Use balanced cables for optimal performance and noise rejection.
- **Link Output (if available):** If connecting multiple speakers, use the link output to send the audio signal to another powered speaker.

## 6. Operating Instructions

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### 6.1 Powering On/Off

1. Ensure all connections are secure and volume controls are at minimum.
2. Turn on your audio source (mixer, etc.) first.
3. Flip the power switch on the RCF Art 915-A-BT to the ON position.
4. Slowly increase the volume to the desired listening level.

To power off, reverse the order: turn down the speaker volume, then turn off the speaker, and finally turn off your audio source.

### 6.2 Volume and Input Control

Adjust the main volume knob on the rear panel to control the overall output level of the speaker. If there are separate input gain controls, adjust them to match the input signal level, ensuring the signal indicator does not clip (turn red).

### 6.3 Bluetooth Operation

1. **Activate Bluetooth:** Ensure the Bluetooth function on the speaker is enabled (refer to the speaker's control panel for a Bluetooth button or indicator).
2. **Pairing:** On your Bluetooth-enabled device (smartphone, tablet, laptop), go to the Bluetooth settings and search for available devices. Select "RCF ART 915-A-BT" from the list.
3. **Connection:** Once paired, your device will connect to the speaker. You can now stream audio wirelessly.
4. **Disconnecting:** To disconnect, simply turn off Bluetooth on your device or select "Disconnect" from your device's Bluetooth settings.

The Bluetooth range is approximately 10 meters (33 feet) in an open environment. Obstacles and interference can reduce this range.

### 6.4 Sound Adjustment (Bass Boost, FIRPHASE)

The RCF Art 915-A-BT features internal processing for Bass Motion Control and FIRPHASE. While these are primarily



automatic optimizations, some models may offer user-selectable presets or EQ options. Consult the specific controls on your speaker's rear panel for any available sound shaping features, such as a "Bass Boost" switch.

## 7. Maintenance

- **Cleaning:** Clean the speaker cabinet with a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents.
- **Grille:** The front grille can be gently vacuumed to remove dust.
- **Storage:** If storing the speaker for an extended period, place it in its original packaging or a protective cover in a dry, temperature-controlled environment.
- **Inspection:** Periodically check power cables and audio cables for any signs of wear or damage.

## 8. Troubleshooting

Problem	Possible Cause	Solution
No power	Power cable disconnected; Power outlet faulty; Speaker power switch off	Check power cable connection; Try a different outlet; Ensure power switch is ON
No sound output	Volume too low; Input cable disconnected/faulty; Audio source not playing; Incorrect input selected	Increase volume; Check/replace input cable; Verify audio source is active; Select correct input
Distorted sound	Input signal too high (clipping); Speaker volume too high; Faulty cable	Reduce input signal level; Lower speaker volume; Check/replace cables
Bluetooth not connecting	Speaker not in pairing mode; Device too far; Interference; Device already connected to another speaker	Ensure speaker Bluetooth is active; Move device closer; Reduce interference; Disconnect from other devices and try again

If the problem persists after trying these solutions, please contact RCF customer support or your authorized dealer.

## 9. Specifications

Feature	Detail
Model Name	ART915AXBT
Speaker Type	Component, Powered Cabinet
Speaker Maximum Output Power	2100 Watts
Woofer Diameter	15 Inches
Tweeter Diameter	1.75 Inches
Connectivity Technology	Bluetooth
Wireless Communication Technology	Bluetooth
Bluetooth Range	10 Meters
Signal-to-Noise Ratio	114 dB

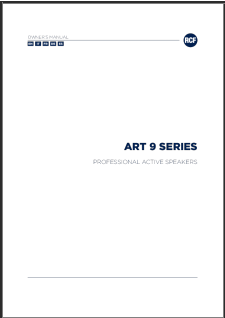

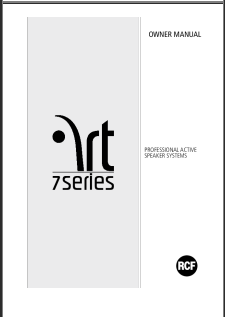
Feature	Detail
Product Dimensions (D x W x H)	30"D x 18"W x 16"H
Item Weight	58.8 Pounds
Power Source	Corded Electric
Control Method	Touch
Color	Black
Mounting Type	Floor Standing

## 10. Warranty and Support

The RCF Art 915-A-BT speaker comes with an extended warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the warranty card included with your product or visit the official RCF website.

For technical support, service, or replacement parts, please contact your authorized RCF dealer or visit the RCF official support page. When contacting support, please have your product model number (ART915AXBt) and serial number ready.

### Related Documents

	<p><a href="#">RCF ART 9 Series Professional Active Speakers Owner's Manual</a></p> <p>This owner's manual provides essential safety precautions, operating instructions, and technical specifications for the RCF ART 9 Series professional active speakers. Learn about features, connections, installation, and troubleshooting for optimal performance.</p>
	<p><a href="#">RCF ART 9 Series Professional Active Speakers Owner's Manual</a></p> <p>This manual provides essential safety precautions, detailed descriptions, connection guides, installation instructions, and troubleshooting tips for the RCF ART 9 Series professional active speakers.</p>
	<p><a href="#">RCF ART 7 Series Owner Manual: Professional Active Speaker Systems</a></p> <p>Comprehensive owner's manual for RCF ART 7 Series professional active speaker systems. Discover features, safety guidelines, installation procedures, and technical specifications for models including ART 710-A, ART 712-A, ART 715-A, ART 732-A, ART 735-A, and ART 745-A.</p>

<div><div><div>PROFESSIONAL SPEAKERS &amp; AUDIO</div><div>RCF</div></div><div><div>ART 9 SERIES</div><div>PROFESSIONAL ACTIVE SPEAKERS</div></div></div>	<p><a href="#">RCF ART 9 Series Professional Active Speakers Owner's Manual</a></p> <p>This manual provides comprehensive information on the RCF ART 9 Series of professional active speakers, covering safety precautions, product description, rear panel features, connections, installation, and troubleshooting. It details the features and specifications of models like ART 910-A, ART 912-A, ART 932-A, ART 915-A, ART 935-A, and ART 945-A.</p>
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