

RCF ART-915A

RCF ART 915-A Active Speaker Instruction Manual

Model: ART-915A | Brand: RCF

1. PRODUCT OVERVIEW

The RCF ART 915-A is a professional-grade 15-inch active speaker designed for high-performance audio applications. It integrates advanced RCF technologies to deliver exceptional sound quality, power, and portability. This manual provides essential information for the safe and effective use of your ART 915-A speaker.





Figure 1.1: Front view of the RCF ART 915-A Active Speaker, showcasing its robust grille and compact design.

Key Features:

- **High Power Output:** 2100W Class D bi-amplified design for powerful sound delivery.
- **High SPL:** Capable of producing up to 131dB Sound Pressure Level.
- **Wide Frequency Response:** Delivers a linear frequency response from 45Hz to 20kHz.
- **Advanced DSP:** Features proprietary RCF FIRPHASE technology for phase correction and Bass Motion Control for optimized low-end performance.
- **Durable Construction:** M-Brace cabinet design enhances acoustical damping and resistance to mechanical stress.
- **Connectivity:** Supports TRS and XLR inputs for versatile audio connections.

2. SAFETY INFORMATION

Please read and understand all safety instructions before operating the RCF ART 915-A speaker. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Power Supply:** Connect the speaker only to a power supply of the type specified in the specifications section. Ensure the power cable is not damaged or pinched.
- **Ventilation:** Do not block any ventilation openings. Ensure adequate airflow around the speaker to prevent overheating.

- **Moisture:** This product is **NOT** waterproof. Do not expose the speaker to rain, moisture, dripping, or splashing liquids.
- **Placement:** Place the speaker on a stable, level surface or use appropriate mounting hardware. Avoid placing it near heat sources or in direct sunlight.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **High Sound Levels:** Prolonged exposure to high sound pressure levels can cause permanent hearing damage. Use caution when setting volume levels.

3. WHAT'S IN THE BOX

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

- RCF ART 915-A Active Speaker Unit
- Power Cable
- User Manual (this document)

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

4. SETUP

Follow these steps to set up your RCF ART 915-A active speaker:

4.1. Placement

The ART 915-A can be used as a main front-of-house speaker, stage monitor, or installed using its integrated mounting points.

- **Floor Placement:** Ensure the speaker is placed on a stable, flat surface.
- **Pole Mounting:** The speaker features a standard 35mm pole mount socket on the bottom. Insert the speaker onto a sturdy speaker pole stand.
- **Wall Mounting:** The speaker is designed for wall mounting. Use appropriate wall mount brackets (sold separately) and ensure the wall structure can support the speaker's weight (approximately 48.4 lbs / 22 kg).



Figure 4.1: Bottom view of the RCF ART 915-A, illustrating the integrated pole mount socket for stand placement.

4.2. Connections

The rear panel of the ART 915-A features all necessary inputs and controls.





Figure 4.2: Rear panel of the RCF ART 915-A, displaying the balanced input/link, volume control, and preset buttons.

- **Audio Input:** Connect your audio source (mixer, amplifier, etc.) to the **BALANCED INPUT/LINK** using an XLR or 1/4" TRS cable.

- **Audio Link:** Use the **BALANCED INPUT/LINK** output to daisy-chain audio to another speaker or device.
- **Power Connection:** Connect the supplied power cable to the AC inlet on the rear panel and then to a suitable power outlet.

4.3. Initial Power-On

1. Ensure all audio connections are secure.
2. Set the **VOLUME** knob to its minimum position ($-\infty$).
3. Connect the power cable to the speaker and then to a power source.
4. Turn on the power switch located on the rear panel. The power indicator light should illuminate.
5. Gradually increase the **VOLUME** to the desired listening level.

5. OPERATING

The RCF ART 915-A offers intuitive controls for optimal performance.



Figure 5.1: Detailed view of the RCF ART 915-A control panel, highlighting the volume knob, preset buttons, and signal indicators.

5.1. Controls and Indicators

- **VOLUME Knob:** Adjusts the overall output volume of the speaker. Rotate clockwise to increase volume, counter-clockwise to decrease.
- **PRESETS Button:** Cycles through different audio equalization presets:
 - **LINEAR:** Flat frequency response, suitable for general use or when external EQ is applied.
 - **BOOST:** Enhances low-end and high-end frequencies, ideal for music playback.
 - **STAGE:** Optimized for use as a stage monitor, providing clarity and feedback reduction.
- **SIGNAL LED:** Illuminates green when an audio signal is present.
- **OVERLOAD LED:** Illuminates red when the input signal is too high, indicating potential clipping. Reduce the input level from your source or the speaker's volume to prevent distortion.

5.2. Bluetooth Connectivity

The ART 915-A supports Bluetooth wireless communication for audio streaming. Refer to the specific Bluetooth pairing instructions provided with your device to connect to the speaker. The speaker will appear as 'RCF ART 915-A' in your device's Bluetooth settings.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your RCF ART 915-A speaker.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the speaker. Do not use abrasive cleaners, solvents, or waxes. For the grille, a soft brush or vacuum cleaner can be used to remove dust.
- **Storage:** When not in use for extended periods, store the speaker in a cool, dry place, away from direct sunlight and extreme temperatures. It is recommended to use the original packaging or a protective cover.
- **Inspection:** Periodically inspect the power cable and audio cables for any signs of damage. Replace damaged cables immediately.
- **Ventilation:** Ensure ventilation openings remain clear of dust and debris.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your RCF ART 915-A speaker.

Problem	Possible Cause	Solution
No sound output	• Speaker not powered on • Volume too low • Incorrect input connection • Source device issue	• Ensure power switch is ON and power LED is lit. • Increase the VOLUME knob. • Check audio cable connections (XLR/TRS) from source to speaker. • Verify the audio source (mixer, instrument) is working and sending a signal.

Problem	Possible Cause	Solution
Distorted sound	• Input signal too high (OVERLOAD LED lit) • Speaker volume too high • Damaged cable	• Reduce the input level from your source device. • Decrease the speaker's VOLUME. • Try a different audio cable.
No power	• Power cable disconnected • Power outlet issue • Speaker fuse blown	• Ensure power cable is securely connected to speaker and outlet. • Test the power outlet with another device. • If fuse is suspected, contact qualified service personnel. Do not attempt to replace yourself.
Bluetooth connection issues	• Speaker not in pairing mode • Device too far from speaker • Interference	• Ensure speaker is discoverable (refer to device's Bluetooth settings). • Move the Bluetooth device closer to the speaker. • Minimize other wireless devices nearby.

If the problem persists after trying these solutions, please contact RCF customer support or a qualified service technician.

8. SPECIFICATIONS

Detailed technical specifications for the RCF ART 915-A Active Speaker:

- **Model Name:** ART 915A
- **Speaker Type:** Active Speaker
- **Speaker Size:** 15 Inches
- **Woofer Diameter:** 15 Inches
- **Tweeter Diameter:** 1.75 Inches
- **Speaker Maximum Output Power:** 2100 Watts
- **Maximum SPL:** 131dB
- **Frequency Response:** 45Hz - 20kHz
- **Audio Output Mode:** Stereo
- **Surround Sound Channel Configuration:** 2.0
- **Connectivity Technology:** TRS, XLR (Wired), Bluetooth (Wireless)
- **Control Method:** Touch (via buttons/knobs)
- **Power Source:** Corded Electric
- **Item Weight:** 48.4 pounds (22 Kilograms)
- **Product Dimensions:** 30 x 18.7 x 18.5 inches
- **Mounting Type:** Wall Mount, Pole Mount
- **Is Waterproof:** FALSE
- **Manufacturer:** RCF
- **Date First Available:** August 26, 2021

9. WARRANTY AND SUPPORT

9.1. Warranty Information

The RCF ART 915-A speaker comes with a **Limited Warranty**. The specific terms and duration of the warranty may vary by region and retailer. Please retain your proof of purchase for warranty claims. For detailed warranty information, including coverage and exclusions, please refer to the official RCF website or contact your authorized RCF dealer.

9.2. Customer Support

For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact RCF customer support. You can typically find contact information on the official RCF website (www.rcf.it) or through your local distributor. When contacting support, please have your product model number (ART-915A) and serial number (if applicable) ready.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question