

RCF ART932-A

RCF ART 932-A Powered Speaker User Manual

Model: ART932-A | Brand: RCF

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your RCF ART 932-A 2,100W 2-way 12-inch Powered Speaker. Please read it thoroughly before using the product and keep it for future reference.

The RCF ART 9 Series, including the ART 932-A, is designed for professional live sound applications, offering high power, efficiency, and versatility. It features a 12-inch woofer and a 3-inch titanium/neodymium compression driver, powered by a robust 2,100W bi-amplified Class D design, capable of producing up to 132dB SPL. Advanced technologies like Bass Motion Control and FIRPHASE ensure optimal sound clarity and bass response. The durable polypropylene composite construction with M-brace internal reinforcement makes it suitable for both portable use and permanent installations.

SAFETY INFORMATION

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

- **Power Supply:** Connect the speaker only to a power supply of the type described in this manual or marked on the unit. Ensure the power cord is not walked on or pinched.
- **Ventilation:** Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- **Water and Moisture:** Do not expose this apparatus to rain or moisture. Do not place objects filled with liquids, such as vases, on the apparatus.
- **Heat:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Grounding:** Do not defeat the safety purpose of the polarized or grounding-type plug.
- **Servicing:** Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- **Mounting:** When mounting the speaker, ensure it is securely fastened to a stable surface or stand capable of supporting its weight. Use only RCF-approved accessories for mounting.

PACKAGE CONTENTS

Verify that all items are present in the package:

- RCF ART 932-A Powered Speaker
- Power Cable
- User Manual (this document)
- CVR ART 912 (Cover for ART 912 series)
- FL-BR ART 912 (Fly Bar for ART 912 series)
- PM-KIT M20 (Pole Mount Kit M20)
- AC PMX (Accessory for Pole Mount Extension)
- AC PRO-PM (Accessory for Professional Pole Mount)
- AC PRO-FS (Accessory for Professional Fly System)
- H-BR ART 912 (Horizontal Bracket for ART 912 series)
- V-BR ART 912 (Vertical Bracket for ART 912 series)

Note: Some accessories may be sold separately or included depending on the specific product bundle.

PRODUCT OVERVIEW

The RCF ART 932-A is a high-performance active speaker designed for clarity and power. Familiarize yourself with its key components.



Figure 1: Front view of the RCF ART 932-A Powered Speaker, showcasing the protective metal grille and the RCF logo at the bottom center.



Figure 2: Rear view of the RCF ART 932-A, highlighting the input/output panel, power switch, and cooling fins. The control panel includes inputs for audio signals, volume control, and processing switches.

Controls and Connections (Refer to Figure 2)

- **Input Connectors:** XLR/TRS combo jacks for balanced audio input.
- **Output Connector:** XLR male output for linking to other speakers.
- **Volume Control:** Rotary knob to adjust the overall output level.
- **Mode/Preset Switches:** Buttons or switches for selecting different audio processing modes (e.g., Flat, Boost, Stage, Club).
- **Power Switch:** On/Off toggle for the speaker's power.
- **AC Input:** IEC power connector for the main power cable.

- **Status LEDs:** Indicators for power, signal, and limiter activity.

SETUP

Follow these steps for proper setup of your RCF ART 932-A speaker:

1. **Placement:** Position the speaker on a stable, flat surface, a speaker stand, or suspended using appropriate rigging hardware. Ensure adequate ventilation around the rear panel.
2. **Power Connection:** Ensure the speaker's power switch is in the OFF position. Connect the supplied power cable to the AC input on the rear panel and then to a grounded electrical outlet.
3. **Audio Input Connection:** Connect your audio source (mixer, instrument, etc.) to the XLR/TRS combo input jack on the rear panel using a balanced cable.
4. **Linking Speakers (Optional):** If connecting multiple speakers, use an XLR cable from the XLR output of the first speaker to the input of the next speaker.
5. **Initial Volume Setting:** Turn the volume control knob on the speaker to its minimum setting before powering on.

OPERATING

Once set up, follow these instructions to operate your speaker:

1. **Power On:** Turn on your audio source first, then switch the RCF ART 932-A speaker's power switch to the ON position. The power LED should illuminate.
2. **Adjust Volume:** Slowly increase the volume control on the speaker to the desired listening level. Adjust the volume on your audio source as well to achieve optimal signal-to-noise ratio.
3. **Select Processing Mode:** If available, use the mode/preset switches on the rear panel to select the appropriate audio processing for your application (e.g., "Flat" for general use, "Boost" for enhanced bass, "Stage" for monitor use).
4. **Monitor Limiter LED:** The Limiter LED indicates when the internal limiter is active, preventing distortion. If this LED is constantly lit, reduce the volume from your source or the speaker to avoid damage.
5. **Power Off:** When finished, turn the speaker's volume down, then switch the speaker OFF. Finally, turn off your audio source.

MAINTENANCE

Proper maintenance ensures the longevity and performance of your speaker:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the speaker. Do not use abrasive cleaners, waxes, or solvents.
- **Grille Cleaning:** For the metal grille, a soft brush or vacuum cleaner with a brush attachment can be used to remove dust.
- **Storage:** When not in use for extended periods, store the speaker in a cool, dry place, ideally in its original packaging or a protective cover (like the CVR ART 912).
- **Inspection:** Periodically check the power cable and audio cables for any signs of damage.

TROUBLESHOOTING

If you encounter issues with your RCF ART 932-A, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound output	Speaker not powered on Volume too low Input cable disconnected or faulty Audio source not sending signal	Ensure power switch is ON and power LED is lit. Increase speaker volume and source volume. Check input cable connections; try a different cable. Verify audio source is active and outputting signal.
Distorted sound	Input signal too high (clipping) Speaker volume too high Faulty cable	Reduce output level from your audio source. Decrease speaker volume. Try a different audio cable.
Humming or buzzing noise	Ground loop issue Interference from other electronics Unshielded cables	Ensure all equipment is on the same electrical circuit or use a ground loop isolator. Move speaker or cables away from power transformers or other electronic devices. Use high-quality shielded audio cables.
Speaker powers off unexpectedly	Overheating Power supply issue	Ensure adequate ventilation around the speaker. Allow it to cool down before restarting. Check power cable connection and wall outlet. Try a different outlet.

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

SPECIFICATIONS

Feature	Detail
Model Number	ART932-A
Speaker Type	2-way Powered Speaker
Woofer Size	12-inch
Compression Driver	3-inch Titanium/Neodymium
Amplifier Type	Class D, Bi-amplified
Total Power Output	2,100 Watts (Peak)
Max SPL	Up to 132dB
Dispersion	Constant Directivity True Resistive Waveguide
DSP Features	Bass Motion Control, FIRPHASE
Enclosure Material	Polypropylene Composite with M-brace internal reinforcement
Color	Black

Feature	Detail
Item Weight	41.4 pounds (18.78 kg)
Product Dimensions (L x W x H)	25.8 x 17.4 x 16.9 inches (65.5 x 44.2 x 42.9 cm)
Power Source	Corded Electric

Note: Specifications are subject to change without notice. For the most current information, please refer to the official RCF website.

WARRANTY AND SUPPORT

RCF products are covered by a limited warranty. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official RCF website.



For technical support, service, or spare parts, please contact your authorized RCF dealer or distributor. You can also find support resources, FAQs, and contact information on the official RCF website:





www.rcf.it

When contacting support, please have your product model number (ART932-A) and serial number ready.

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Related Documents - ART932-A

	<p>RCF ART 9 Series Professional Active Speakers Owner's Manual</p> <p>Comprehensive owner's manual for RCF ART 9 Series professional active speakers, covering safety precautions, product description, rear panel features, connections, installation, troubleshooting, and technical specifications.</p>
	<p>RCF ART 9 Series Professional Active Speakers Owner's Manual</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>

 <p>ART 9 SERIES PROFESSIONAL ACTIVE SPEAKERS</p>	<p>RCF ART 9 Series Professional Active Speakers Owner's Manual</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>ART 9 SERIES PROFESSIONAL ACTIVE SPEAKERS</p>	<p>RCF ART 9 Series Professional Active Speakers Owner's Manual</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>OWNER MANUAL</p> <p>art 7series</p> <p>PROFESSIONAL ACTIVE SPEAKER SYSTEMS</p> <p>RCF</p>	<p>RCF ART 7 Series Owner Manual: Professional Active Speaker Systems</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>
 <p>OWNER MANUAL</p> <p>ART 7 SERIES</p> <p>PROFESSIONAL ACTIVE SPEAKER SYSTEMS</p> <p>RCF</p>	<p>RCF ART 7 Series MK4: Professional Active Speaker Systems Owner Manual</p> <p>This owner's manual provides comprehensive information for the RCF ART 7 Series MK4 professional active speaker systems, covering safety precautions, operating instructions, product features, connections, installation guidelines, and detailed technical specifications.</p>

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BR ART912 V-BR **ART932-A**/ART912-A/COMPACT A12 **ART932-A**/ART912-
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[\[pdf\]](#) Accessories Catalog

RCF Ampli 2023 09 12 — ACCONNECTIONSUB Accessory to connect HDL fly bar with SUB8006 175

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