

# ART 910-AX

## PROFESSIONAL ACTIVE BLUETOOTH® SPEAKER

### DESCRIPTION

ART 910-AX is masterfully engineered to deliver stellar audio performance and versatility for intensive audio applications. The combination of a 1.75" compression driver, 10" woofer, two-channel 2100W amplifier, and the constant directivity True Resistive Waveguide produces coherent 100° x 60° coverage for the listening area with up to 130 dB SPL, distortion-free sound. Merging RCF proprietary FIRPHASE and Bass Motion Control (BMC) DSP processing, perfectly tuned for each model, audiences will experience absolute clarity and deep, powerful bass response.

The ART 910-AX combines a powerful and high-performance amplified speaker, with a digital audio processor for maximum flexibility. Several operating modes are possible, with the speaker alone or in combination with other speakers.

Audio can be streamed to the speaker, along with remote control, via Bluetooth®. All the available functions and parameters are accessible from the onboard color display via a capacitive touch screen and an encoder, as well as from a dedicated app for iOS and Android smartphones.



### FEATURES

- Built-in 6-channel Digital Mixer
- Advanced User Interface w/ touch panel and remote control
- 1.75" Compression Driver and 10" Woofer
- Up to 130 dB Sound Pressure Level
- 2100W Class-D Bi-Amplification
- Dual combo preamp with 48V Power and Mini-jack stereo line input
- Bluetooth® stereo audio input, with dual speaker pairing option
- True Resistive Waveguide, FIRPHASE, and Bass Motion Control

## TECHNICAL SPECIFICATIONS

|                                  |                                  |  |
|----------------------------------|----------------------------------|--|
| <b>Acoustical specifications</b> | Frequency Response:              | 50 Hz ÷ 20000 Hz   |
|                                  | Max SPL @ 1m:                    | 130 dB   |
|                                  | Horizontal coverage angle:       | 100°   |
|                                  | Vertical coverage angle:         | 60°  |
| <b>Transducers</b>               | Compression Driver:              | 1 x 1.0", 1.75" v.c  |
|                                  | Woofers:                         | 10", 2.5" v.c  |
| <b>Input/Output section</b>      | Input signal:                    | bal/unbal  |
|                                  | Input connectors:                | Combo XLR/Jack   |
|                                  | Output connectors:               | XLR  |
| <b>Processor section</b>         | Crossover Frequencies:           | 1600Hz   |
|                                  | Protections:                     | Thermal, RMS   |
|                                  | Limiter:                         | Soft Limiter   |
|                                  | Controls:                        | Color touch panel, data entry/volume encoder, dedicated App for iOS and Android. |
| <b>Power section</b>             | Total Power:                     | 2100 W Peak, 1050 W RMS  |
|                                  | High frequencies:                | 700 W Peak, 350 W RMS  |
|                                  | Low frequencies:                 | 1400 W Peak, 700 W RMS   |
|                                  | Cooling:                         | Convection   |
|                                  | Connections:                     | VDE  |
| <b>Electronic specifications</b> | Frequency Response:              | 20 Hz ÷ 20 Hz  |
|                                  | THD+N, 20dB gain, 0dBu out       | 0.005% A-Weighted  |
| <b>Processing</b>                | Processing Channels:             | 6  |
|                                  | Signal Processing:               | 24 Bit   |
|                                  | A/D-D/A conversion:              | 32 Bit @ 48.0 kHz  |
|                                  | Dynamic Range:                   | 110  |
| <b>Inputs</b>                    | Mic:                             | 2  |
|                                  | Remote Controlled Storable Gain: | Yes  |
|                                  | Gain Range:                      | 0 dB ÷ 42 dB   |
|                                  | Input Noise Level:               | -114 dBu A-Weighted  |
|                                  | Mic Inputs Impedance:            | 6 kohm   |
|                                  | Low Cut:                         | 20 Hz ÷ 400 Hz   |
|                                  | Phantom Power +48V:              | Yes  |
|                                  | Mono Line:                       | 2  |
|                                  | Gain Selection:                  | 0 dB ÷ 22 dB   |
|                                  | Line Input Impedance:            | 21 kohm  |
|                                  | A/D Dynamic range:               | 114 dB   |
|                                  | Stereo Line:                     | 1  |
|                                  | Gain Selection:                  | 0 dB ÷ 10 dB   |
|                                  | Stereo Line Input Impedance:     | 13 kohm  |

|                                |                        |   |
|--------------------------------|------------------------|---|
| <b>Outputs</b>                 | Main MIX:              | 1   |
| <b>Outputs specifications</b>  | Main Out Impedance:    | 150 ohm   |
|                                | Main Out Level:        | 22 dBu  |
|                                | D/A Dynamic Range:     | 114 dB  |
| <b>Compressors</b>             | RCF Compressors:       | Compressors on MIC/LINE CH1 & CH2 Inputs  |
| <b>EQ</b>                      | Input Channels EQ:     | 2 Shelving 1  |
|                                | Description:           | 3 Band EQ: High and Low band shelving, MID band peak on IN<br>5 Band EQ: 4 Full Parametric, 1 High Shelving and HPF 24 dB/Oct on amplifier and MAIN output. |
| <b>Internal Effects</b>        | Send Effects:          | 1   |
| <b>Mastering processors</b>    | Main OUT type:         | MIX OUT, CROSSOVER OUT with RCF SUBWOOFERS presets, STEREO OUTPUT, CH1 LINK OUT.  |
| <b>Standard compliance</b>     | Safety agency:         | CE compliant  |
| <b>Physical specifications</b> | Cabinet/Case Material: | PP Composite  |
|                                | Hardware:              | 1 x M10 Top and Bottom  |
|                                | Handles:               | 1 Top   |
|                                | Pole mount/Cap:        | Yes   |
|                                | Grille:                | Steel   |
|                                | Color:                 | Black   |
| <b>Size</b>                    | Height:                | 572 mm / 22.52 inches   |
|                                | Width:                 | 330 mm / 12.99 inches   |
|                                | Depth:                 | 310 mm / 12.2 inches  |
|                                | Weight:                | 15.8 kg / 34.83 lbs   |
| <b>Shipping information</b>    | Package Height:        | 615 mm / 24.21 inches   |
|                                | Package Width:         | 370 mm / 14.57 inches   |
|                                | Package Depth:         | 390 mm / 15.35 inches   |
|                                | Package Weight:        | 17.5 kg / 38.58 lbs   |

**PART NUMBER**• **13000707**

ART 910-AX

100-120V

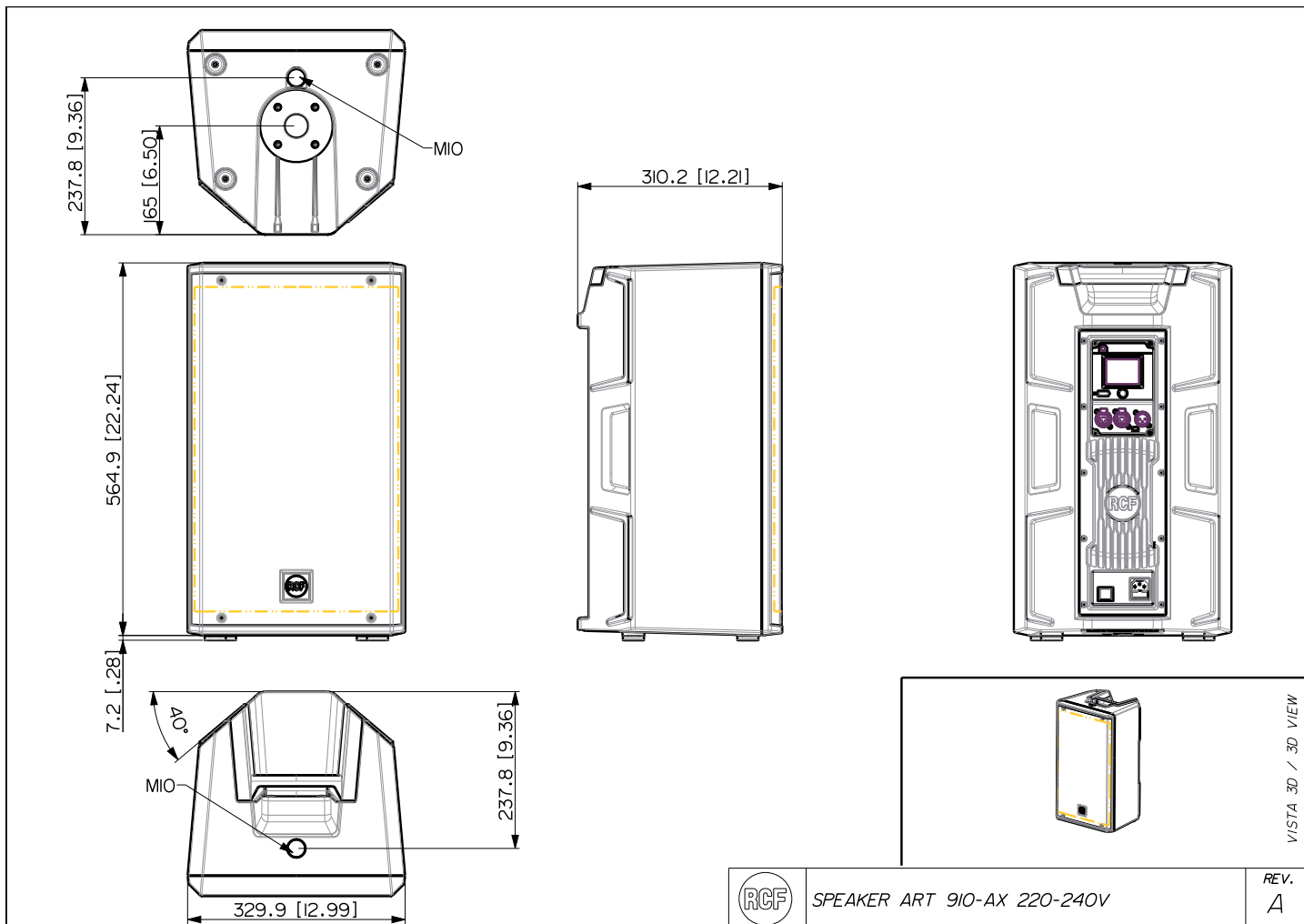
EAN 8024530020217

• **13000706**

ART 910-AX

220-240V

EAN 8024530020095



VISTA 3D / 3D VIEW

**ACCESSORIES**

AC PM-M20

PART NUMBER **13360067**  
EAN: 8024530014599

AC PMX POLE MOUNT M20

PART NUMBER **13360232**  
EAN: 8024530010058

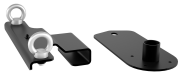
AC PRO-FS PROFESS. LOCKING FLOOR STAND

PART NUMBER **13360109**  
EAN: 8024530006471

AC PRO-PM PROFESS. LOCKING POLE MOUNT

PART NUMBER **13360110**  
EAN: 8024530006488

COVER CVR ART 910

PART NUMBER **13360473**  
EAN: 8024530018832

FLYING BRACKET FL-BR ART 910

PART NUMBER **13360472**  
EAN: 8024530019235

HORIZONTAL BRACKET H-BR ART 910

PART NUMBER **13360471**  
EAN: 8024530019242