RCF

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
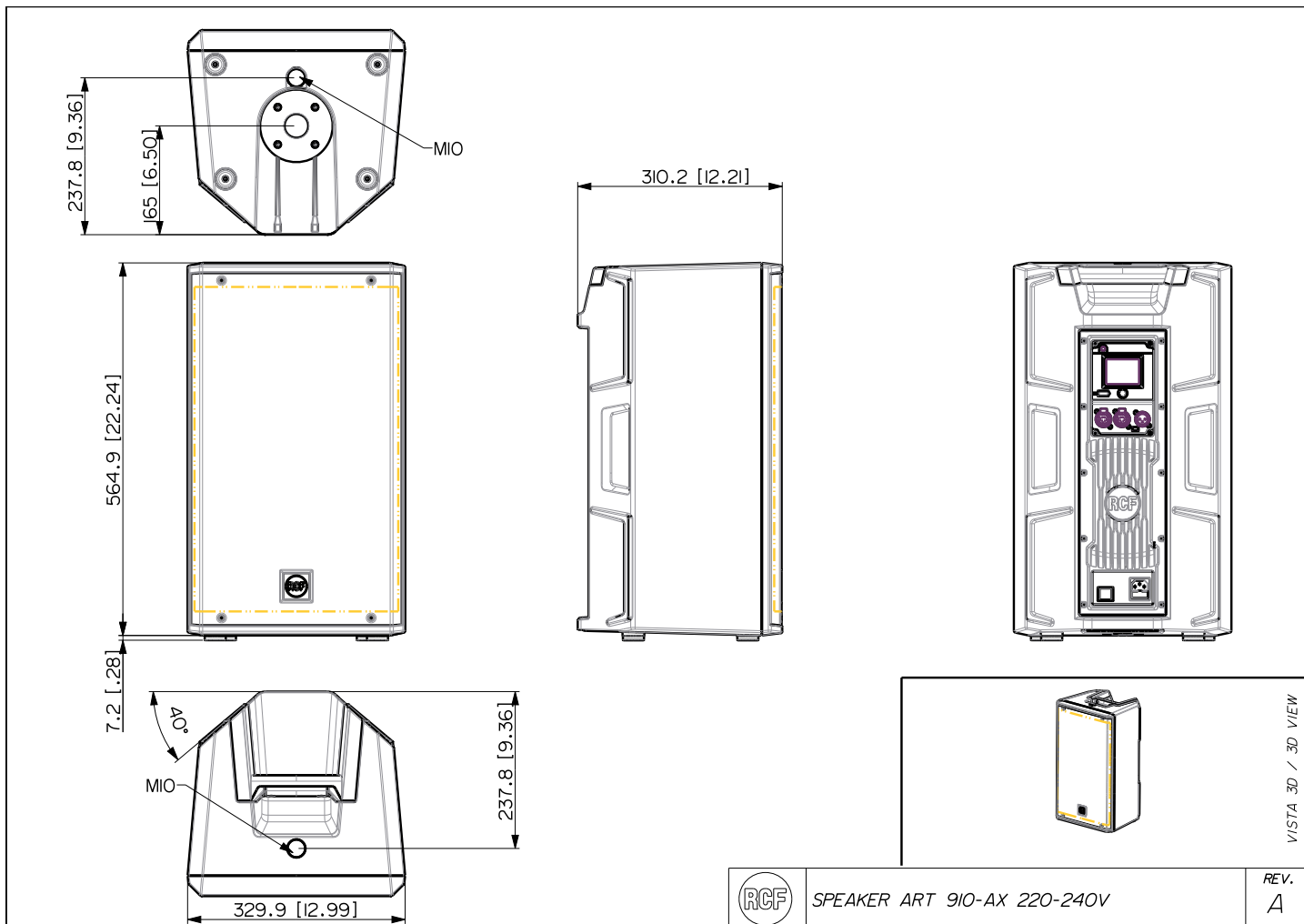
TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response:	50 Hz ÷ 20000 Hz
	Max SPL @ 1m:	130 dB
	Horizontal coverage angle:	100°
	Vertical coverage angle:	60°
Transducers	Compression Driver:	1 x 1.0″, 1.75″ v.c
	Woofer:	10″, 2.5″ v.c
Input/Output section	Input signal:	bal/unbal
	Input connectors:	Combo XLR/Jack
	Output connectors:	XLR
Processor section	Crossover Frequencies:	1600Hz
	Protections:	Thermal, RMS
	Limiter:	Soft Limiter
	Controls:	Color touch panel, data entry/volume encoder, dedicated App for iOS and Android.
Power section	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
Electronic specifications	Frequency Response:	20 Hz ÷ 20 Hz
	THD+N, 20dB gain, 0dBu out	0.005% A-Weighted
Processing	Processing Channels:	6
	Signal Processing:	24 Bit
	A/D-D/A conversion:	32 Bit @ 48.0 kHz
	Dynamic Range:	110
Inputs	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 Impedence:	13 kohm

Outputs	Main MIX:	1

Outputs specifications	Main Out Impedance:	150 ohm
	Main Out Level:	22 dBu
	D/A Dynamic Range:	114 dB

Compressors	RCF Compressors:	Compressors on MIC/LINE CH1 & CH2 Inputs

EQ	Input Channels EQ:	2 Shelving 1
	Description:	3 Band EQ: High and Low band shelving, MID band peak on IN
		5 Band EQ: 4 Full Parametric, 1 High Shelving and HPF 24 dB/Oct on amplifier and MAIN output.

Internal Effects	Send Effects:	1

Mastering processors	Main OUT type:	MIX OUT, CROSSOVER OUT with RCF SUBWOOFERS presets, STEREO OUTPUT, CH1 LINK OUT.

Standard compliance	Safety agency:	CE compliant

Physical specifications	Cabinet/Case Material:	PP Composite
	Hardware:	1 x M10 Top and Bottom
	Handles:	1 Top
	Pole mount/Cap:	Yes
	Grille:	Steel
	Color:	Black

Size	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

Shipping informations	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

237.8 [9.36]

65 [6.50]

MIO

310.2 [12.21]

564.9 [22.24]

7.2 [.28]

40°

MIO

237.8 [9.36]

329.9 [12.99]

VISTA 3D / 3D VIEW

SPEAKER ART 910-AX 220-240V

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ACCESSORIES

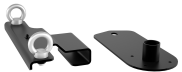|			
AC PM-M20	PART NUMBER	**13360067**	
	EAN:	8024530014599	
AC PMX POLE MOUNT M20	PART NUMBER	**13360232**	
	EAN:	8024530010058	
AC PRO-FS PROFESS. LOCKING FLOOR STAND	PART NUMBER	**13360109**	
	EAN:	8024530006471	
AC PRO-PM PROFESS. LOCKING POLE MOUNT	PART NUMBER	**13360110**	
	EAN:	8024530006488	
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	