ART 715-A MKII

TWO WAY ACTIVE SPEAKER

APPLICATIONS

- Nearfield & portable PA
- Foreground/background PA, distributed PA, frontfill and sidefill
- Houses of worship, theatres, corporate AV, retail, theme parks
- Compact live sound reinforcement system
- Stage monitoring

FEATURES

- 700 Watt digital bi-amplification, 500 Watt Low Frequency and 200 Watt High Frequency Power
- 130 dB max spl
- Wide dispersion 90 x 60 constant directivity horn
- 15" High power woofer, 3" voice coil
- 1" Titanium dome, high frequency driver
- Electronic equalization, soft limiter and protection
- Xlr/jack input, xlr signal output
- 2 side handles and 1 ergonomic top handle for easy transportation and positioning

RCF ART 715-A is 2 way active systems offering substantial power for a variety of professional applications that include primary sound reinforcement and supplementary fill for larger systems.
RCF ART 715-A is equipped with a new generation of 700 Watt Digital Amplifier, 500 Watt for the woofer and 200 Watt for the compression driver, and is controlled by a multiway DSP. The result of this is very high output, extremely low distortion and an incredible natural sound. The Dsp takes care of crossovers, equalisations, soft-limiters, rms limiters, large signals compression. The amplifier presents both XLR/jack (Combo) balanced inputs, XLR output link, volume and a switchable EQ Mode (Flat/ Boost).
The amplifier features a solid mechanical aluminium structure which not only stabilize the amplifier during transportation but also assist in the heat dissipation.
The compression driver uses a 1" throat diameter titanium dome featuring a vented suspension and is powered from a massive high flux neodymium magnet and an edge wound 1,7" aluminium voice coil. This top class driver offers a high output, transparent midrange sound and clarity in high frequencies reproduction.
RCF ART 715-A features a 15" inch woofer that, with a 3" inside-outside aluminium coil and a powerful magnetic structure, guarantees a fast and accurate mid-bass frequency range.
The new loudspeaker design looks aggressive whilst retaining familiar Art ergonomics and is the result of extensive combined functional and acoustic research.
The Art 7 Series two-way system cabinets are moulded in a special polypropylene composite material and are designed to dampen down vibrations even at maximum volume settings. The reflex porting has been resized to offer a better efficiency.

ACOUSTICAL SPECIFICATIONS

Frequency response:	50 Hz- 20 Khz
Max SPL:	130 dB
Horizontal coverage angle:	90°
Vertical coverage angle:	60°
Compression driver:	1.0" , 1.7" voice coil
Midrange:	-
Woofer:	15" , 3" voice coil

INPUT SECTION

Input signal (Impedance):	bal/unbal
Input/Output connector:	xlr-jack/xlr
Input sensitivity:	+4 dBu

PROCESSOR SECTION

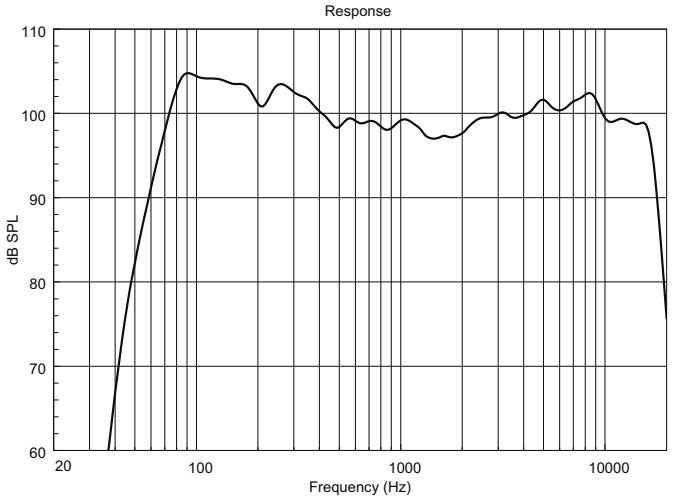
Crossover frequencies:	1700 Hz
Protections:	thermal, hf
Limiter:	fast limiter
High pass:	-
Controls:	volume, flat, boost, mic/line

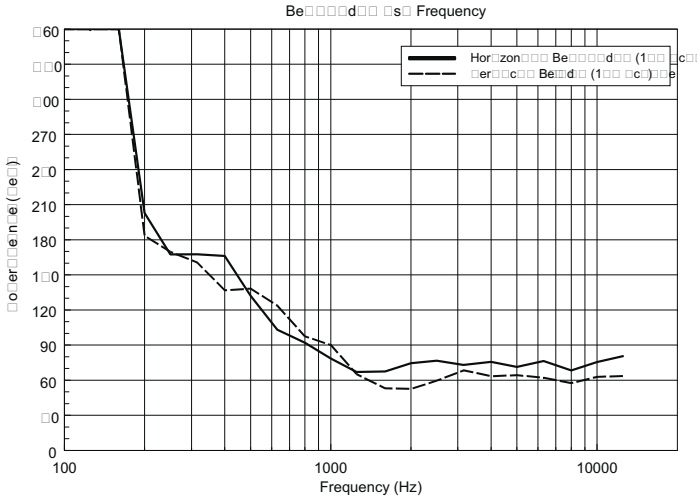
AMPLIFIER

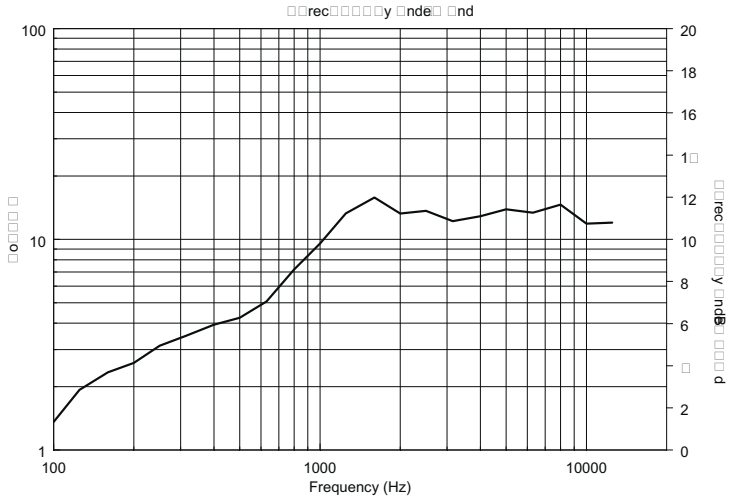
Power supply:	switching 700 Watt
High frequencies:	D / 200 Watt
Mid frequencies:	-
Low frequencies:	D / 500 Watt
Cooling:	convenction/forced
Connection:	VDE

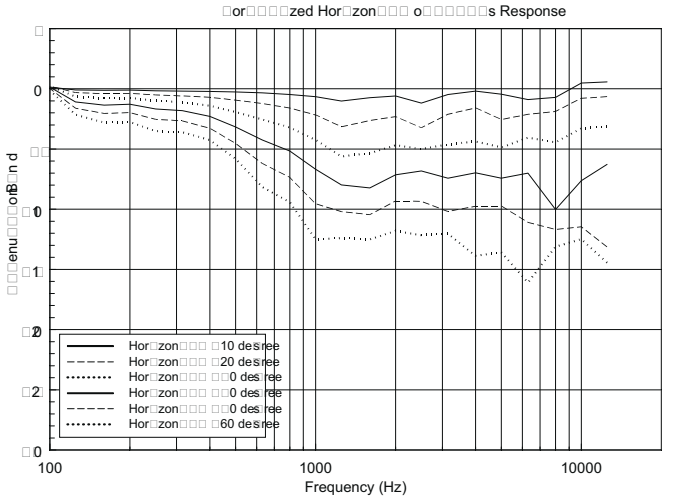
PHYSICAL

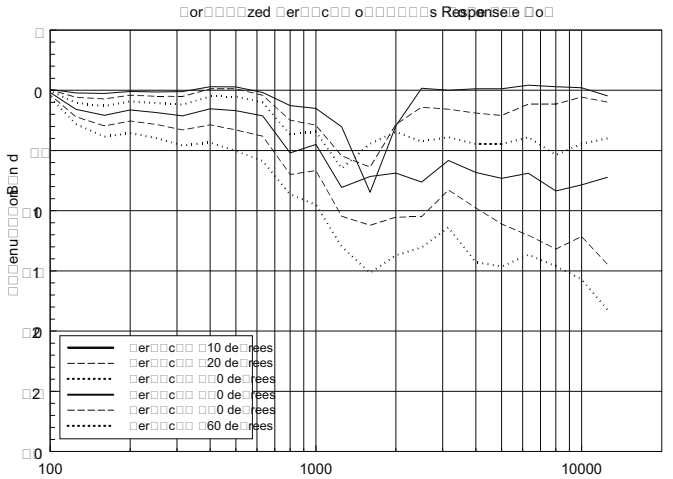
Height:	708 mm (27,87")
Width:	437 mm (17,20")
Depth:	389 mm (15,31")
Weight:	19.4 kg (42.76 lbs)
Cabinet:	Composite PP
Hardware:	2 x M10, pole mount
Handles:	1 top, 2 on side
Pole mount cap	yes
Colour:	Black

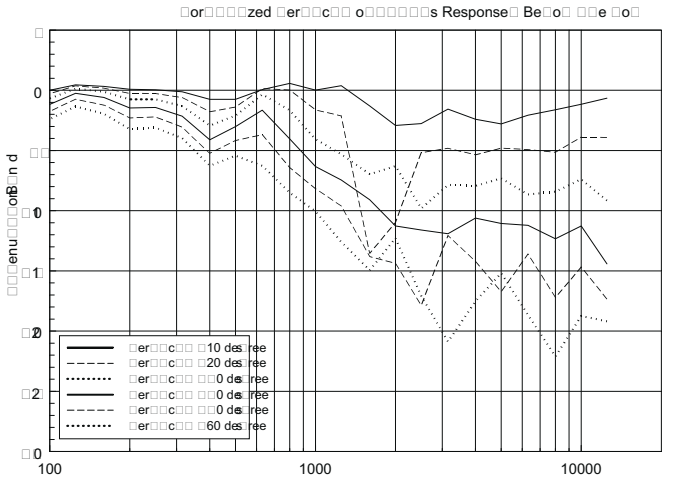












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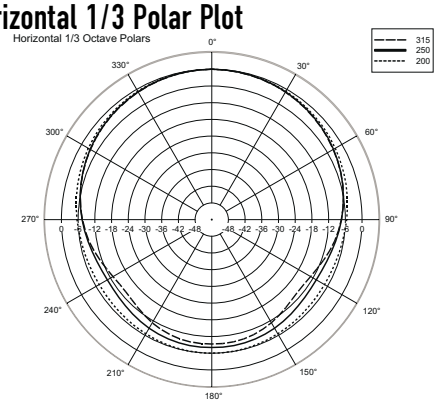
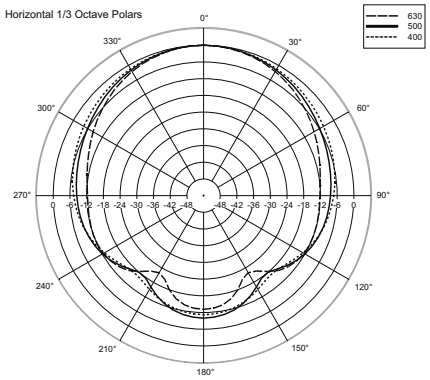
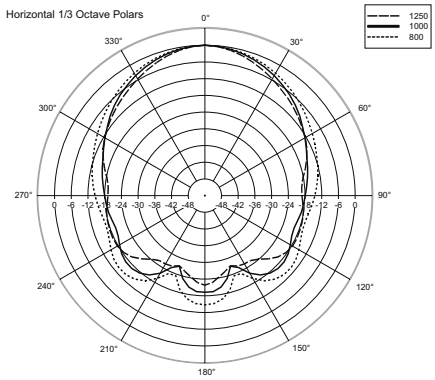
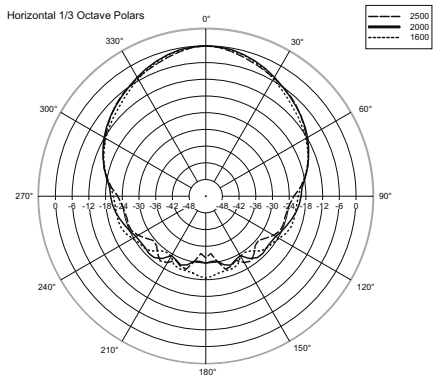
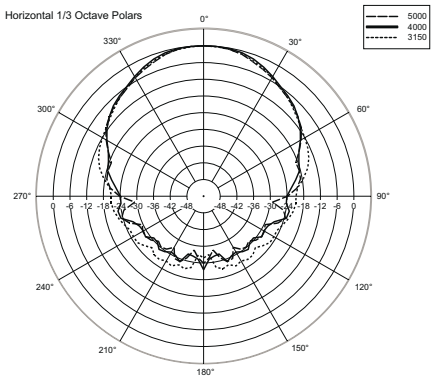
Horizontal 1/3 Polar Plot

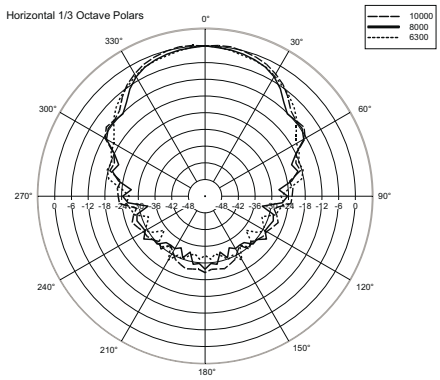




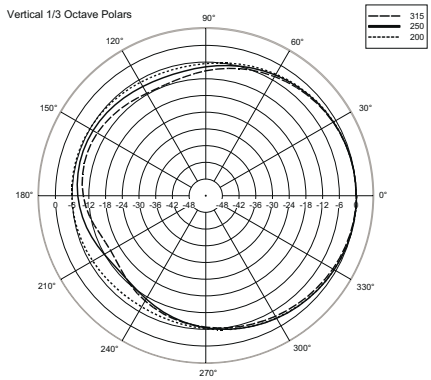


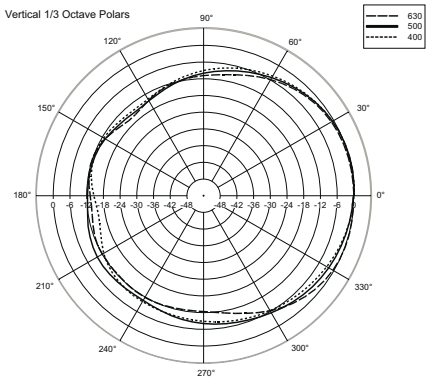


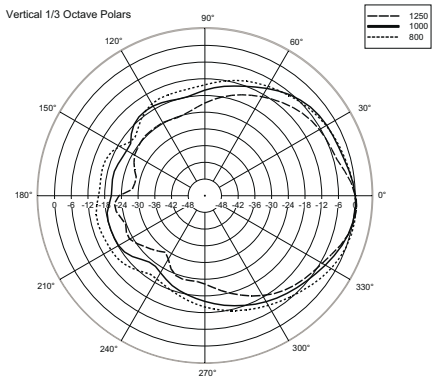


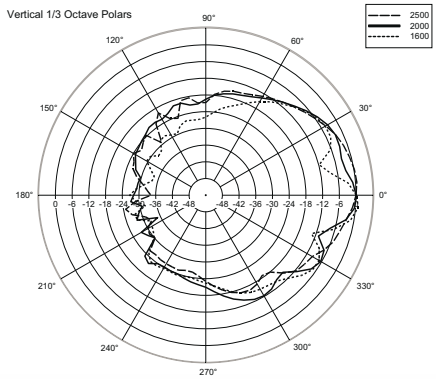


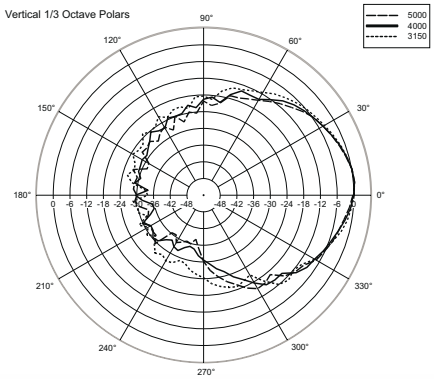
Vertical 1/3 Polar Plot

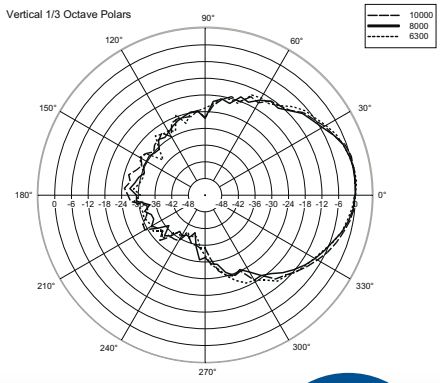












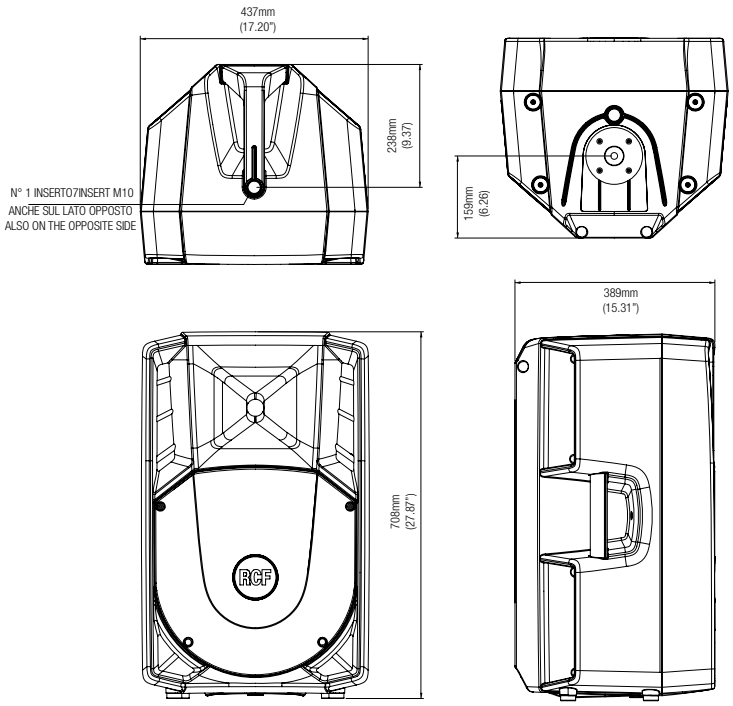
CSI PRODUCT SPECIFICATIONS FOR DESIGNERS, SPECIFIERS, AND CONSULTANTS (ALSO KNOWN AS "A&E SPECIFICATIONS")

The following are "Part 2 Products" CSI-type specifications.
It is assumed that "Part 1 General – Administrative and Procedures" and "Part 3 Execution – Installation and Maintenance" are part of an overall audio system or project specification.

PART 2 PRODUCTS

2.01 Approved Manufacturer/Product

A. RCF, Via Raffaello 13, 42124, Reggio Emilia, Italy.
B. Model number: ART 715-A MKII



2.02 DESIGN

Configuration:	Two way active speaker
LF Sub-section:	15" woofer, 3" voice coil
MR Sub-section:	-
HF Sub-section:	1,0"driver , 1.7" voice coil

2.03 ACOUSTICAL PROPRIETIES

Nominal dispersion angle:	90° x 60°
Axial frequency range:	50Hz-20kHz

2.04 PHYSICAL PROPERTIES

Cabinet:	Composite PP
Rigging inserts:	2 x M10, pole mount
Color:	Black
Grille:	Custom perforated steel grille with open-cell poly fiber backing
Input Connectors:	xlr-jack
Dimensions (H x W x D):	708 x 437 x 389 mm (27,87" x 17,20" x 15,31")
Weight:	18,7 kg (41.22 lbs.)

2.05 ACCESSORIES

AC S260	Steel speaker floor stand with folding base and telescopic rod, tube diameter 35mm. Load capacity up to 60kg, Weight 7.8 Kg, H MIN/MAX 170cm/240cm. Length once folded 123cm
AC S140	Aluminium speaker floor stand with folding base and telescopic rod, tube diameter 35mm. Load capacity up to 40kg, Weight 2.7 Kg, H MIN/MAX 140cm/214cm. Length once folded 107cm
AC PRO-FS	Steel speaker floor stand with folding base and telescopic rod, tube diameter 35mm. Load capacity up to 50kg, Weight 4.5 Kg, H MIN/MAX 137cm/210cm. Length once folded 102cm
AC PRO-LF	Steel professional adapter sleeve for speaker floor stand, tube diametro 35 mm. Load capacity up to 50Kg, Weight 0.7 Kg, H 27.5 cm
AC PRO-PM	Steel pole mount accessory for a satellite speaker on a subwoofer, tube diametro 35 mm. Load capacity up to 35Kg, Weight 2.4 Kg, H MIN/MAX 95cm/137cm
AC EB4X	Kit including No. 4 shouldered 10mm eye bolts
AC PMA	Speaker pole mount
AC ART715 H-BR	Horizontal bracket for ART 715-A and ART 725-A
Cover ART 725	Art cover for ART 715-A, ART 725-A