TWO-WAY SYSTEM



DESCRIPTION

RCF ART 425-A is an active, wide dispersion 2 way sound reinforcement speaker. It integrates a high power 400 watt digital amplifier, a complete electronic processor section and RCF low distortion, high power neodymium transducers. The system is unique in its class for output and vocal intelligibility. All the transducers used for the ART 4 Series feature light weight neodymium magnets to guarantee better performances and make for easier transportation. A new 15" neodymium woofer design with 3" voice coil has been specifically developed for the ART 425-A. Combined with the perfect reflex port design of the speaker, the new woofer delivers an extremely accurate reproduction of the mid-bass frequencies and a punchy bass. The new 2" neodymium compression driver with a pure titanium dome developed for the ART 425-A features a complex geometry suspension and direct drive coil offering a transparent midrange sound and extreme fidelity in high frequencies reproduction.

RCF ART 425-A is equipped with a new generation of 400 Watt Digital Amplifier. The result of this is very high output, extremely low distortion and an incredible natural sound. Each amplifier presents both XLR In/Out connectors and a Jack input for the maximum connection versatility. An easy to reach volume knob on the back allows to set the overall volume of the speaker according to its application. A switchable EQ Mode make it easier to select among two different equalisation presets: Extended response switch, which slightly emphasizes the bass response for playback music and low volume applications or Linear response switch, for using the speaker to amplify a live mix. 3 status LEDs — Power / Signal / Status are provided for monitoring the system.

An integrated DSP manages crossover, Eq., soft limiter, compressor and dynamic bass boost.

ART 4 cabinets are moulded on a special polypropylene composite material and are designed to dampen down vibrations even at maximum volume settings. The cabinet shape allows every ART 4 speaker to be used also in stage monitor configuration At the bottom of the speakers a rugged stainless steel pole mount has been provided for deploying the speakers on stands or on subwoofers

The woofer is protected from a strong, powder coated, metal grille. The cabinet features 2 M10 threaded fly points and an ergonomic top handle for easy transportation.

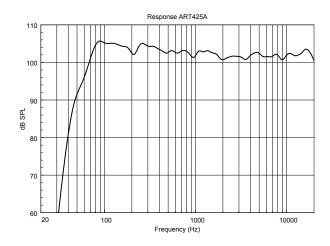
MAIN APPLICATIONS

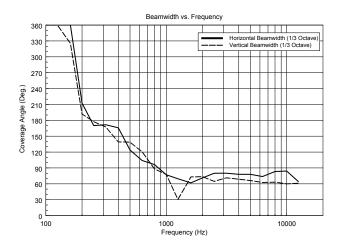
- Compact live sound reinforcement
- Portable PA
- Frontfill and sidefill
- Houses of worship, auditoriums, retail, clubs, ballrooms, corporate AV, live theatre, theme parks
- High-output drum or keyboard monitor

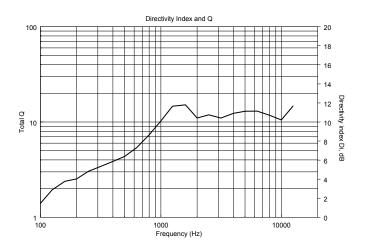
MAIN FEATURES

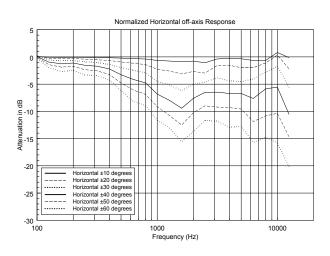
- 400 Watt digital bi-amplification, 300 Watt Low Frequency and 100 Watt High Frequency Power
- 129 dB max spl
- Wide dispersion 90 x 60 constant directivity horn
- 15" High power neodymium woofer, 3" voice coil
- 2" neodymium high frequency driver , 2.5" voice coil
- Electronic equalization, soft limiter and protection
- Xlr/jack combo input, xlr signal output
- 2 side handles and 1 ergonomic top handle for easy transportation and positioning

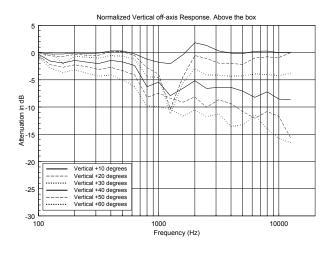


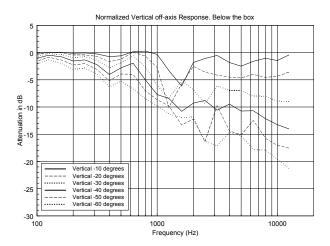






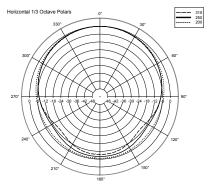


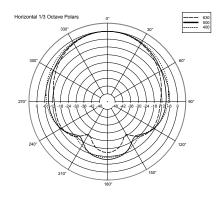


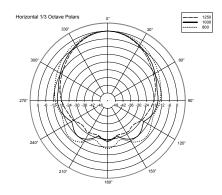


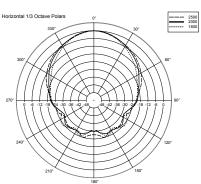


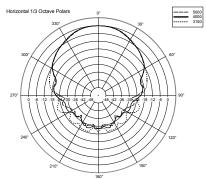
HORIZONTAL 1/3 POLAR PLOT

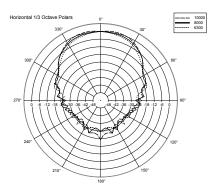




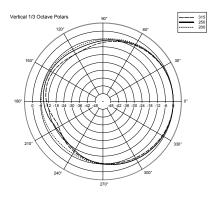


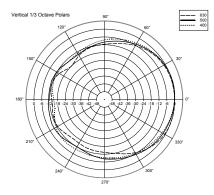


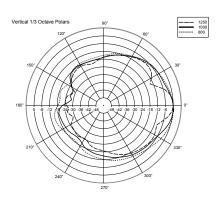


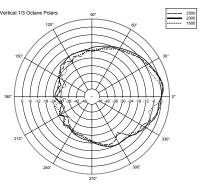


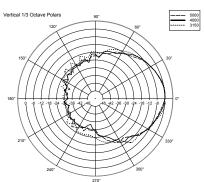
VERTICAL 1/3 POLAR PLOT

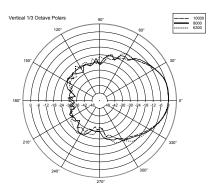














PART NUMBERS

13000217 - 230VOLT 13000218 - 115 VOLT

N° 1 INSERIOZINSERI M10 ANCIE SIL LATO OPPOSITE SDE (15.31') (18.32') (18.32') (18.32')

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 Aluminium speaker floor stand with folding base AC S140 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

Kit including No. 4 shouldered 10mm eye bolts

Horizontal bracket for ART 415-A, ART 425, ART

Art cover for ART 415-A, ART 425, ART 715-A and

95cm/137cm

ART 725-A

Speaker pole mount

715-A and ART 725-A

ACOUSTICAL SPECIFICATIONS

Controls:

ACOUSTICAL SPECIFICATIO	IND
Frequency response:	45 Hz- 20 Khz
Max SPL:	129 dB
Horizontal coverage angle:	90°
Vertical coverage angle:	60°
Compression driver:	2" neo, 2.5" voice coil
Midrange:	-
Woofer:	15" neo, 3" voice coil
INPUT SECTION	
Input signal (Impedance):	bal/unbal
Input/Output connector:	xlr-jack
Input sensitivity:	+4 dBu
PROCESSOR SECTION	
Crossover frequencies:	1300 Hz
Protections:	Themel, HF
Sensitivity control:	yes
Limiter:	soft limiter
High pass:	-

AMPLIFIER Power supply:

AC EB4X

AC PMA

AC ART715 H-BR

Cover ART 725

ACCESSORIES

D / 100 Watt
-
D / 300 Watt
convection
Xlr/jack input, xlr signal output
708 mm (27.87")
437 mm (17.20")
389 mm (15.31")
17.8 kg (39.24 lbs)
Composite PP
pole mount
1 top, 2 side
yes
Black

switching 400 Watt



flat/boost