

# ART 735-A

## ACTIVE TWO-WAY SPEAKER



### MAIN APPLICATIONS

- Live sound
- Portable PA
- DJs
- Club systems
- Small theatres
- Voice reinforcement

### MAIN FEATURES

- 1400 Watt Digital Amplifier
- 132 dB max SPL
- 15" high power woofer, bass reflex housing
- 3.0" voice coil, titanium, compression driver
- 90 x 60, wide dispersion, constant directivity horn
- DSP Processing

### DESCRIPTION

The ART 735-A with 15" woofer guarantees linear response and precise low-frequency control.

The ND 840 large-format titanium-dome compression driver is responsible for one of the key advantages of this product: the 3.0" voice coil enables a crossover point of 900 Hz, allowing the driver to produce almost all of the vocal range with unique vocal clarity and sound projection.

The large sized horn is designed to offer constant 90°x60° directivity. Mid-high frequencies are transparent and free from distortion.

ART systems are driven from high power class D amplifiers. The amplifier delivers 1400 Watt and is controlled by a DSP that takes care of crossover, equalization, phase alignment, soft limiting and speaker protections. 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 aluminum structure, for additional stability and heat dissipation.

ART cabinets are moulded on a polypropylene composite material that dampens down vibrations even at high volume.

ART 735-A is equipped with ergonomically designed handles with rubber handgrips, and can be used in standard configuration or in stage monitor mode. The ART 7 Series is the winner of the Red Dot Design Award.

### ACOUSTICAL SPECIFICATIONS

Frequency response:	45 Hz- 20 Khz
Max SPL:	132 dB
Horizontal coverage angle:	90°
Vertical coverage angle:	60°
Compression driver:	1.4" neo, 3" voice coil
Woofer:	15" neo, 3" voice coil

### INPUT SECTION

Input signal (Impedance):	bal/unbal
Input/Output connector:	combo XLR, Jack
Input sensitivity:	-2dBu / +4 dBu

### PROCESSOR SECTION

Crossover frequencies:	900 Hz
Protections:	thermal, RMS
Limiter:	soft limiter
High pass:	-
Controls:	Volume, EQ shape

### AMPLIFIER

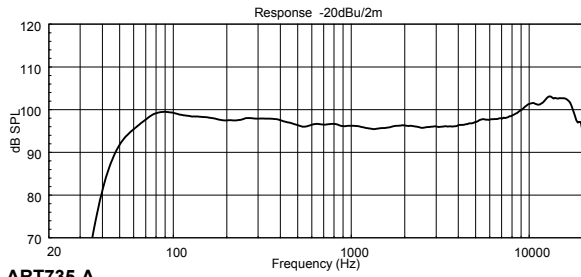
Power supply:	1400 Watt
High frequencies:	400 Watt Peak
Low frequencies:	1000 Watt Peak
Cooling:	convection
Connection:	VDE

### PHYSICAL

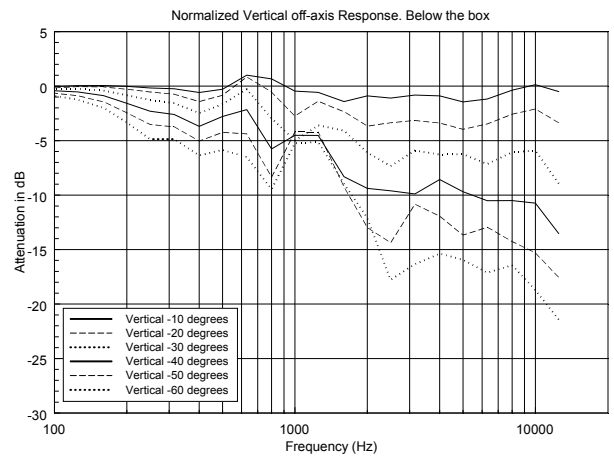
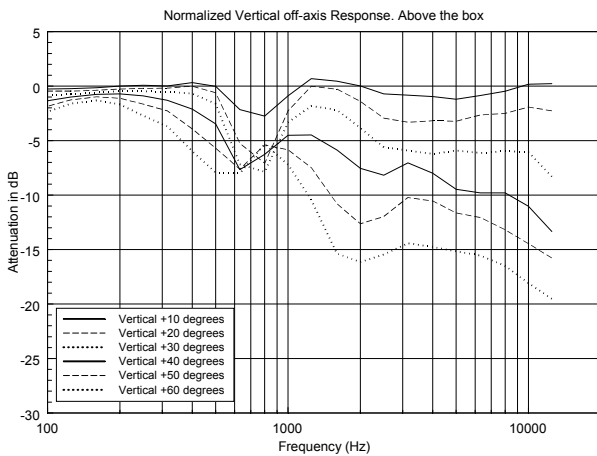
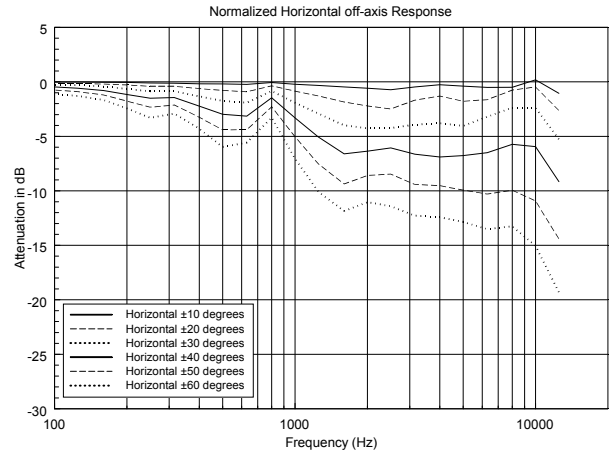
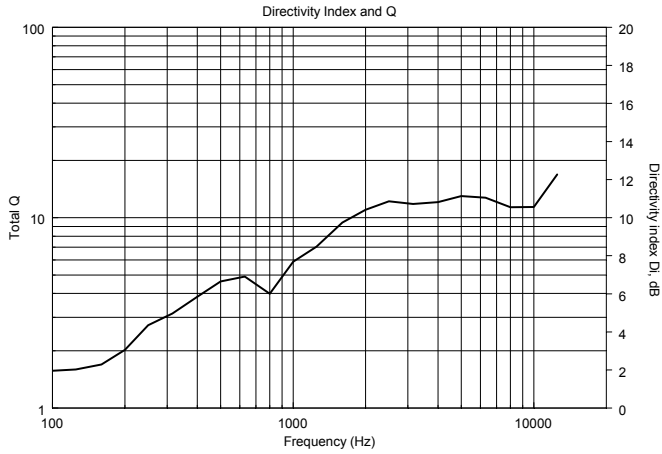
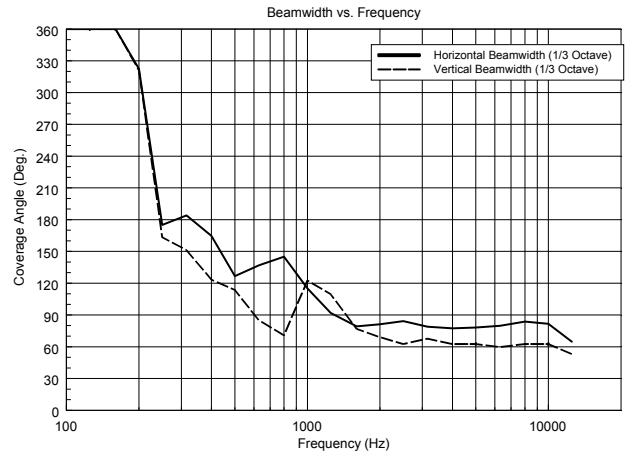
Height:	708 mm (27.87")
Width:	437 mm (17.20")
Depth:	389 mm (15.31")
Weight:	20.8 kg (45.86 lbs)
Cabinet:	Composite PP
Hardware:	pole mount
Handles:	1 on top, 2 on side
Pole mount cap	yes
Colour:	Black



# ART 735-A

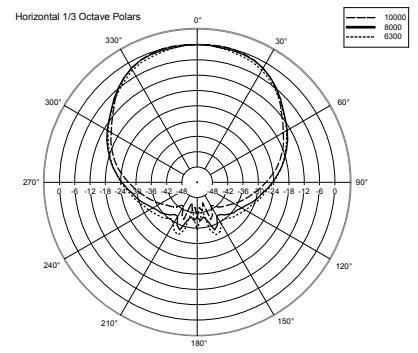
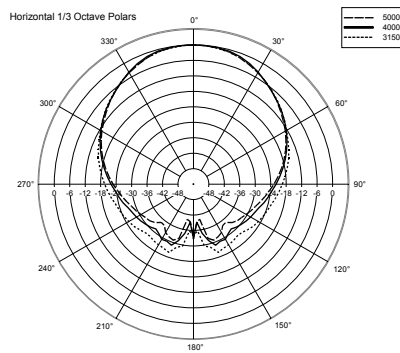
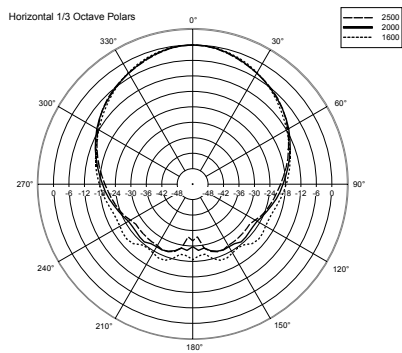
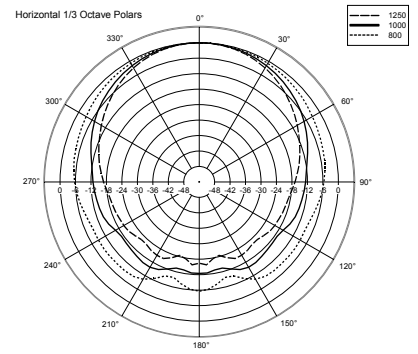
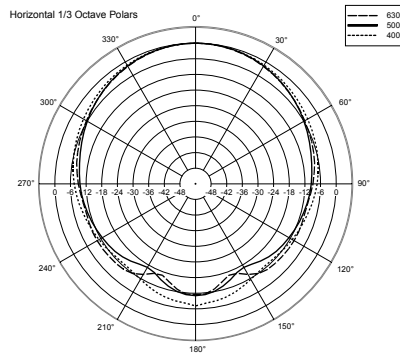
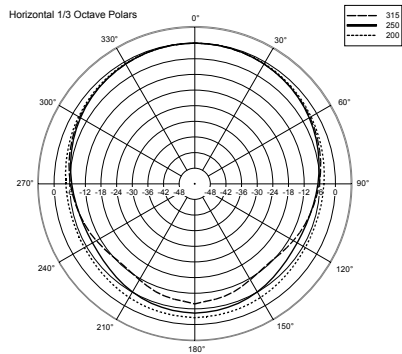


**ART735-A**

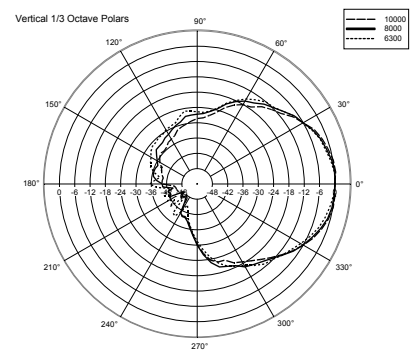
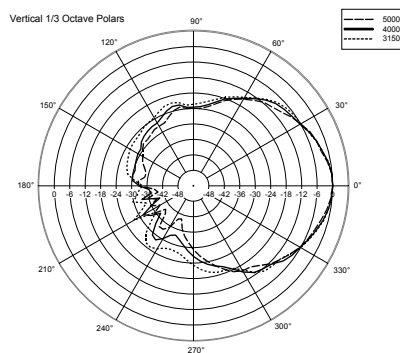
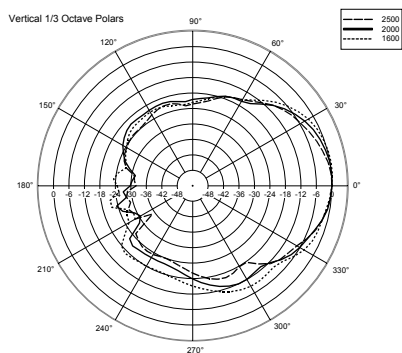
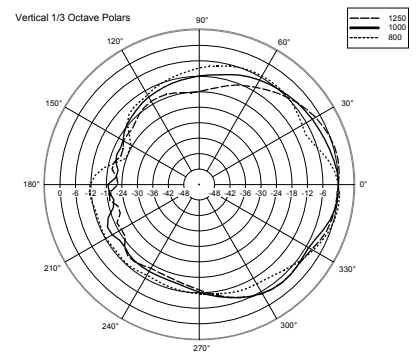
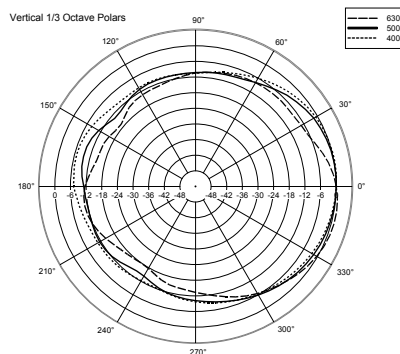
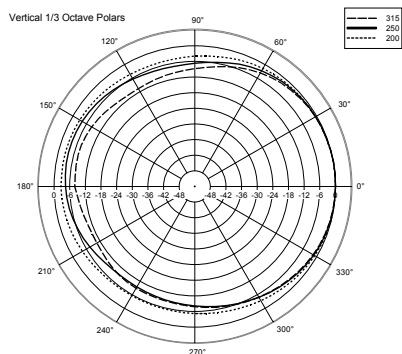


# ART 735-A

## HORIZONTAL 1/3 POLAR PLOT



## VERTICAL 1/3 POLAR PLOT



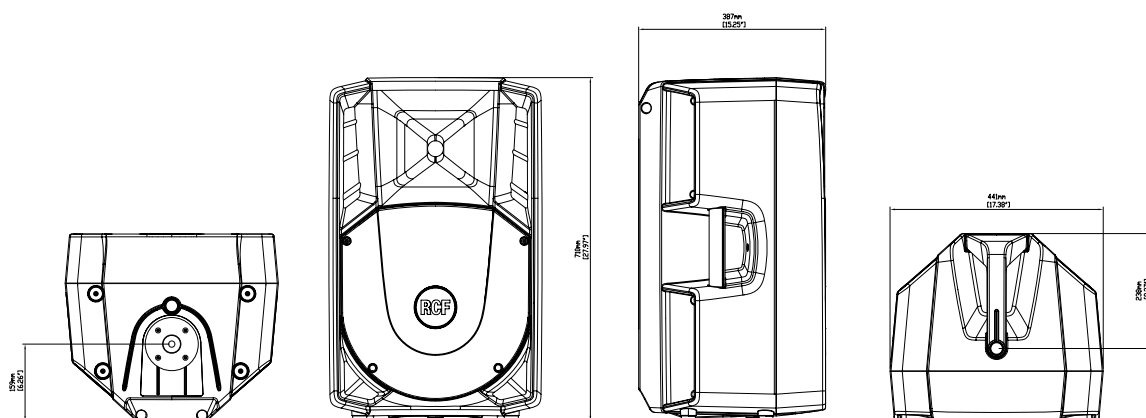
# ART 735-A

## PART NUMBERS

13000469 - 230VOLT

13000470 - 115 VOLT

## DIMENSIONS (All data are in mm)



## ACCESSORIES

AC PMA	Speaker pole mount.
AC PRO-PM	Steel pole mount accessory for a satellite loudspeaker on a subwoofer. Both ends of the pole mount are fitted with an expanding mandrel system for a tight and vibration-free fit for the base and satellite speakers.
AC PRO-FS	Steel speaker floor stand with folding base and telescopic rod. Tube diameter 35mm. Load capacity up to 50kg.
AC PRO-LF	Steel professional adapter sleeve for loudspeaker stands. Integrated expanding mandrel system which provides a tight and firm fit for the speaker.
AC S140	Aluminum speaker floor stand with folding base and telescopic rod, Tube diameter 35mm.
AC S260	Steel speaker floor stand with folding base and telescopic rod, tube diameter 35mm.
AC EB4X	Kit including no.4 shouldered 10mm eye bolts.
AC PMX	Speaker pole mount
ART COVER 725	Protection cover
AC ART715 H-BR	Horizontal bracket