

ARTSERIES 

## PASSIVE SPEAKER

## ART 310 MKIII



ART 310 is a 10" passive speaker ideal for installation purposes.

Thanks to its high quality neodymium transducers and very compact sized cabinet, it is the perfect speaker in all the situations where the output of a PA system and the size of a monitor are important.

The 10" woofer features a 2.5" voice coil and delivers very high efficiency and controlled bass reproduction.

The ART 310 is very easy to install due to it being incredibly lightweight and the two M10 fly points.

### Applications

- Live music
- Clubs
- Fixed installations
- Stage monitoring

### Features

300 Watt power handling

127 dB max spl

90 x 70, Wide dispersion constant directivity horn

10" woofer, high power 2,5" voice coil

1" HF driver, Mylar dome, 1.5" voice coil

### ACOUSTICAL SPECIFICATIONS

Frequency response:	50 - 20 KHz
Max SPL:	127 dB
Coverage angle:	90° x 70°
Compression driver:	1"
Woofer:	10"
Power handling:	300W

### INPUT SECTION

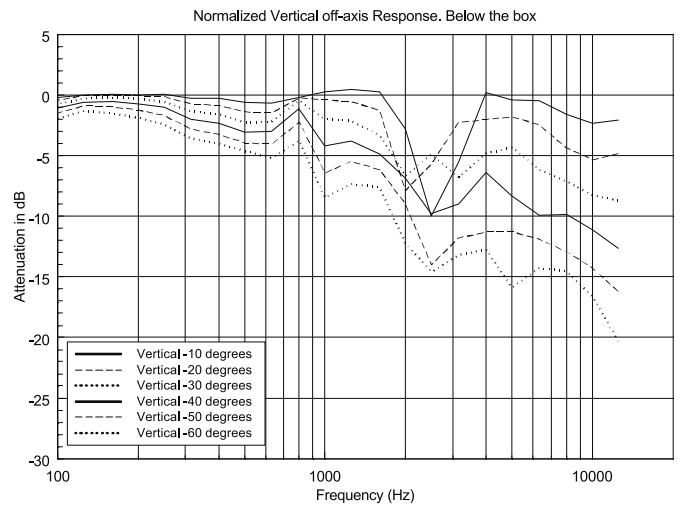
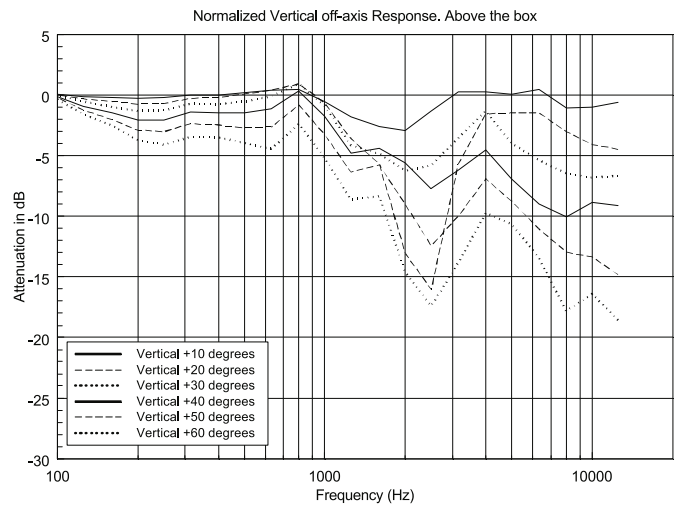
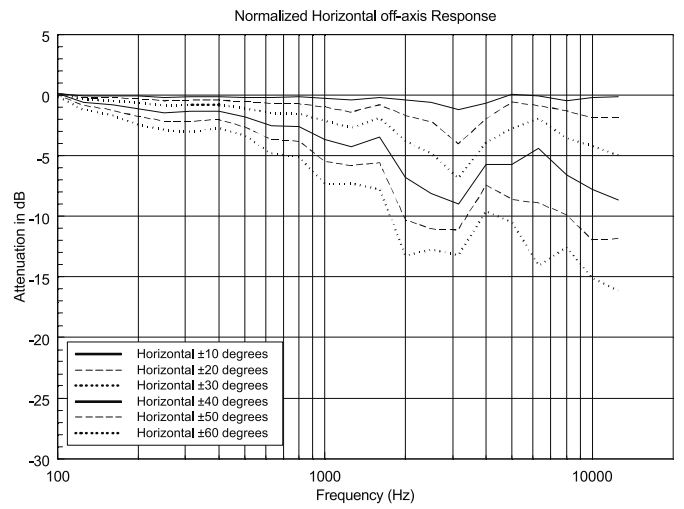
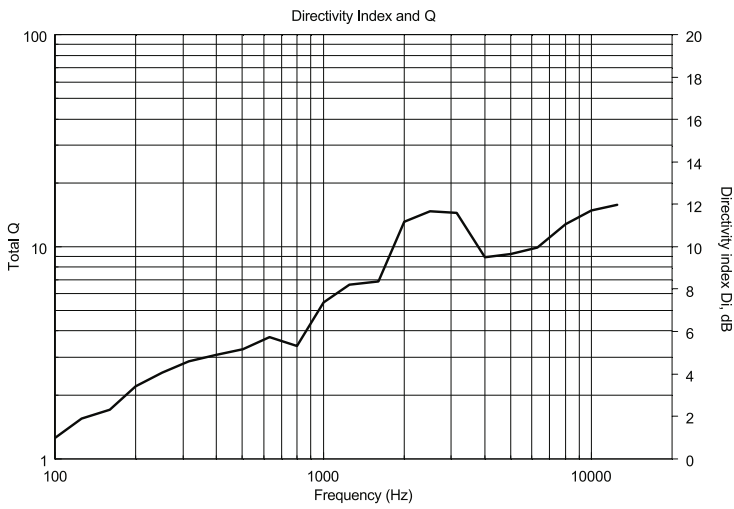
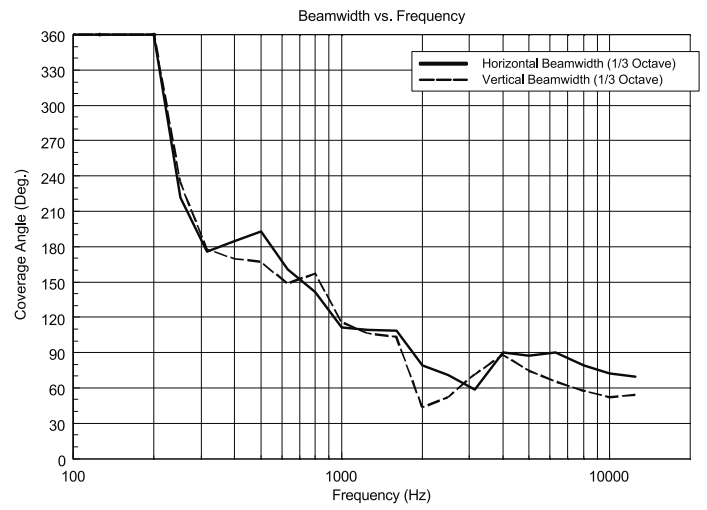
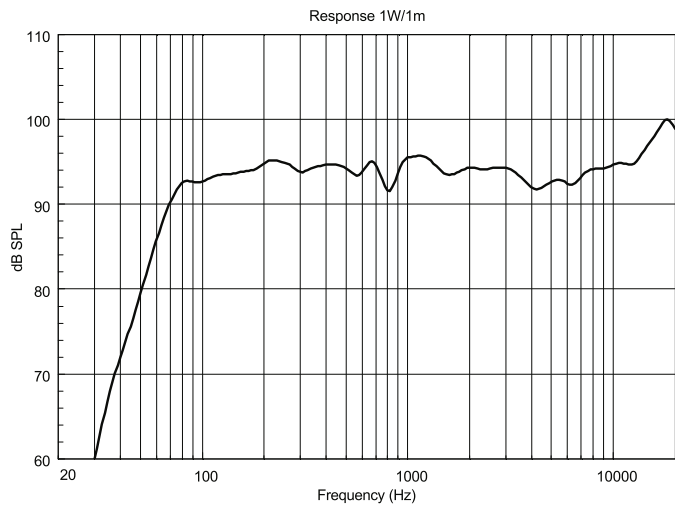
Input signal (Impedance):	8 ohm
Input connector:	speakon
Output signal connector:	speakon

### PROCESSOR SECTION

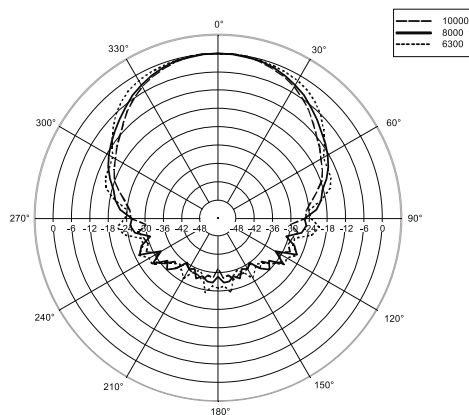
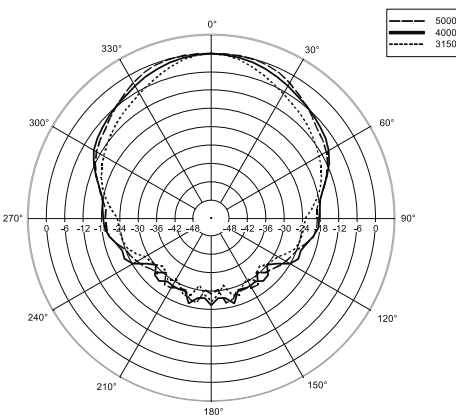
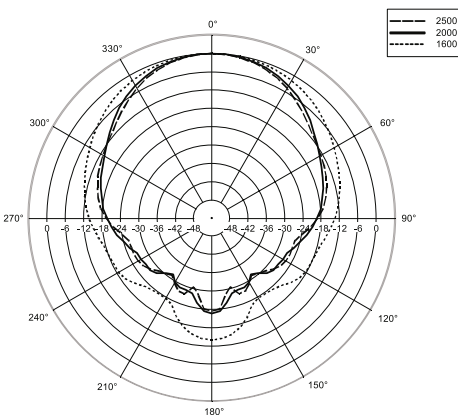
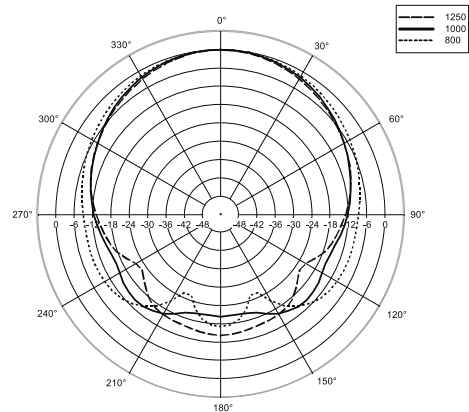
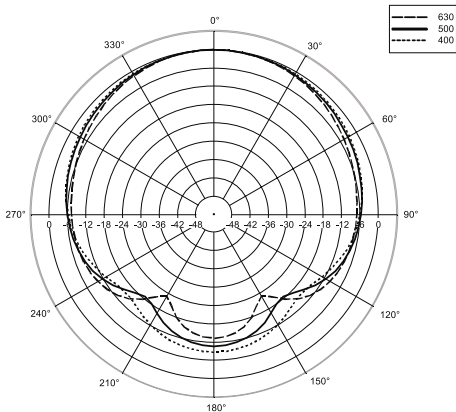
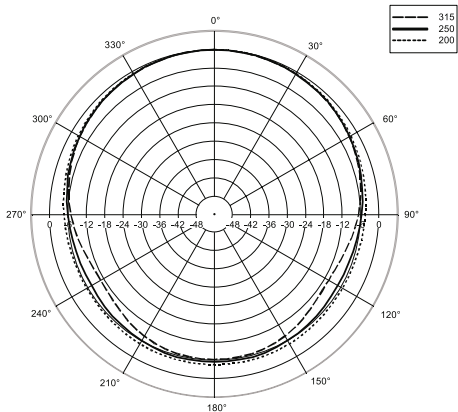
Crossover frequencies:	1800 Hz
Protections:	DC / short cir.

### PHYSICAL

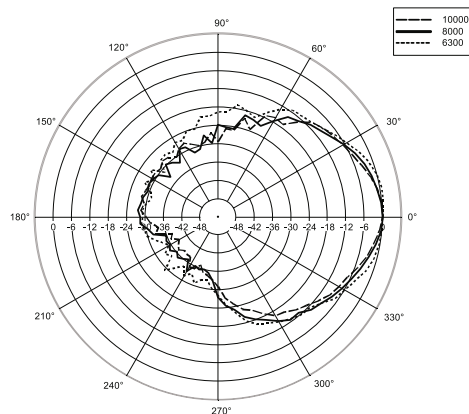
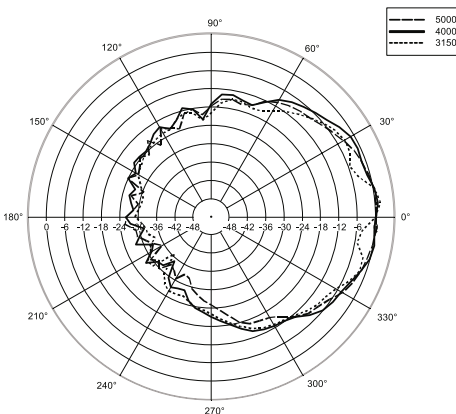
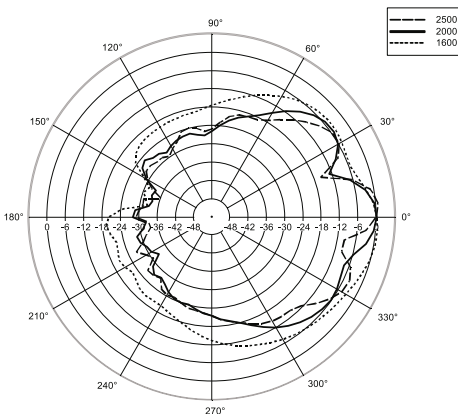
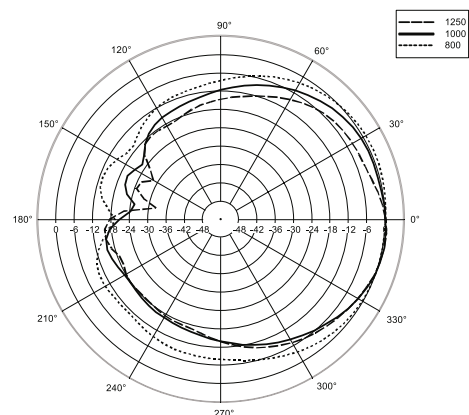
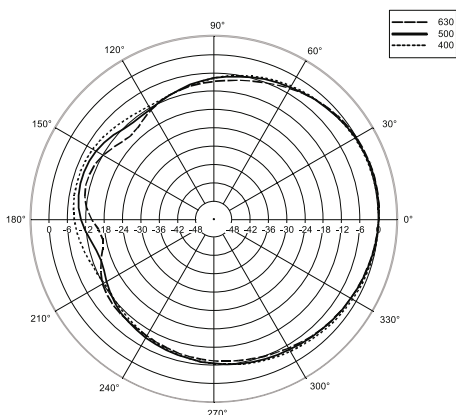
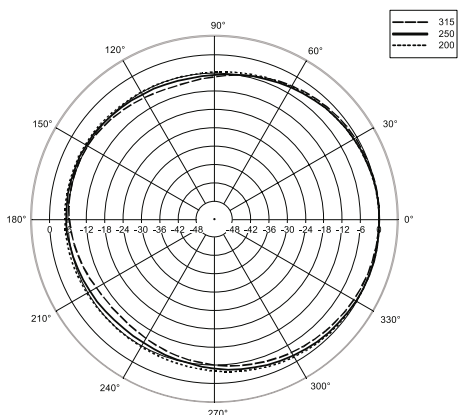
Cabinet:	Composite PP
Dimensions (HxWxD):	21.14" x 13.27" x 12.4" (537x337x315 mm)
Weight:	26.45 lbs. (12 kg)
Hardware:	2 M10 flying points
Handles:	1 top
Pole Mount / Cap:	yes
Colour:	Black



### 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, 42010 Mancasale, Reggio Emilia, Italy.

B. Model number: ART 310

**2.02 Design**

Configuration	Compact 2 way speaker
LF Sub-section	10" woofer, 64 mm in/out aluminium coil
HF Sub-section	1"

**2.03 Acoustical Properties**

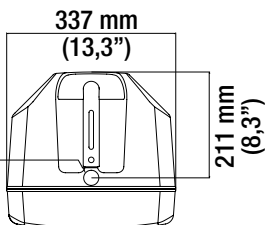
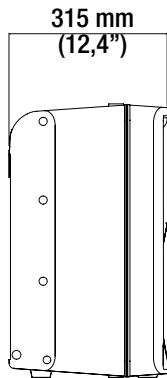
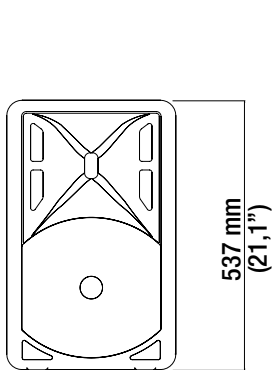
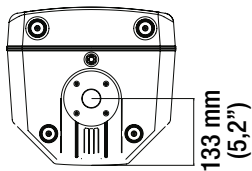
Nominal dispersion angle:	Horizontal: 90° - Vertical: 70°
Axial frequency range:	50Hz-20kHz

**2.04 Physical Properties**

Cabinet:	Composite PP
Rigging inserts:	2 M10 fly points and built in pole mount adaptor
Color:	Black
Grille:	Custom perforated steel grille with open-cell poly fiber backing
Input Connectors:	Speakon
Dimensions (H x W x D):	21.14" x 13.27" x 12.4" (537x337x315 mm)
Weight:	26.45 lbs. (12 kg)

**2.05 Accessories**

AC S140	Alluminium speaker floor stand with folding base end telescopic rod, tube Ø 35 mm
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N° 1 INSERTO/INSERT M10  
ALSO ON THE OPPOSITE SIDE