

ART 905-AS

ACTIVE SUBWOOFER



The ART 905-AS is an extremely compact high output active subwoofer system. It integrates a totally new digital high power 1000 Watt amplifier, a complete electronic processor section and premium RCF low distortion, high power 15" woofer. The result is compact, light weight, high power accurate subwoofer, unique in their class for efficiency and low distortion.

The system re-defines audio subwoofer performance standards.

The ART 905-AS is equipped with a new generation of 1000 Watt Digital Amplifiers that produce a very high output, an extremely low distortion and an incredible natural sound. The amplifier features a solid mechanical aluminium structure which not only stabilizes the amplifier during transportation but also assists in the heat dissipation.

The ART 905-AS's transducer features light weight neodymium magnets in order to guarantee a better performance and made for easier transportation. The RCF Precision "Inside/ Outside" voice coils assure long term reliability and vastly reduced power compression.

The ART 905-AS features a 15" inch woofer that, with a 3" inside-outside aluminium coil and a powerful magnetic structure, guarantees a fast and accurate sub-bass frequency range, taking advantage of RCF's superior moulding, assembly technologies and a wealth of professional knowledge and experience dedicated to achieving extremely high standards.

The ART 905-AS is designed to complement all ART 7 SERIES models. It can also be used as an "add-on" to any existing active or passive PA Speaker System.

APPLICATIONS

- Live sound reinforcement
- Portable and installed audio-visual systems
- Live theatre and houses of worship
- Auditoriums, retail, ballrooms and night clubs

FEATURES

- High current 1000 watt digital amplifier
- 131 dB max spl
- 15" High power woofer, 3" copper coil
- Xover 80-120 Hz switch, phase switch
- Electronic equalization, limiter and protection
- Mono/stereo combo xlr/jack input, Mono/stereo xlr signal output
- Baltic birch compact enclosure and 2 side handles for easy transportation

ACOUSTICAL SPECIFICATIONS

Frequency response:	40 Hz- 120 Khz
Max SPL:	131 dB
Horizontal coverage angle:	-
Vertical coverage angle:	-
Compression driver:	-
Midrange:	-
Woofer:	15" , 89 mm voice coil

INPUT SECTION

Input signal (Impedance):	bal/unbal
Input/Output connector:	stereo combo xlr-jack
Input sensitivity:	-2 dBu/+4 dBu

PROCESSOR SECTION

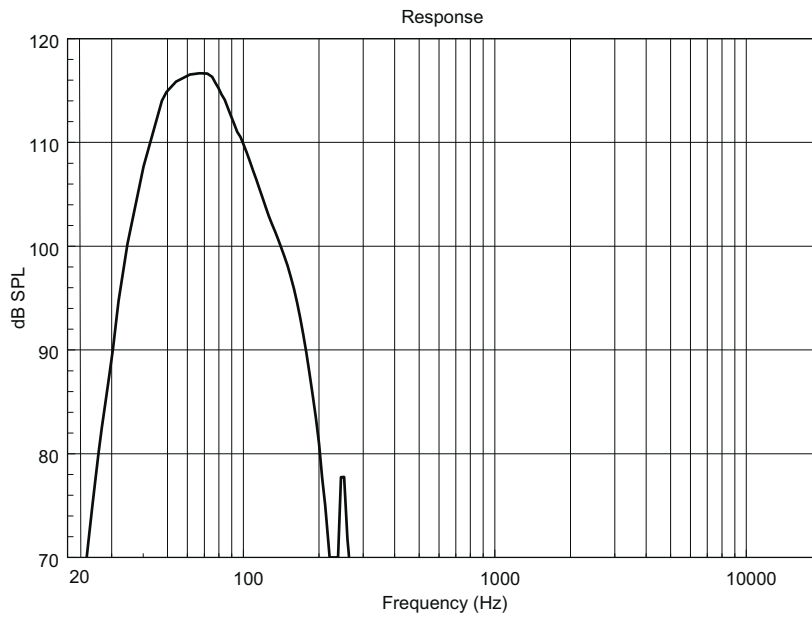
Crossover frequencies:	80/120 Hz
Protections:	thermal,RMS
Limiter:	limiter
Controls:	volume, phase, xover

AMPLIFIER

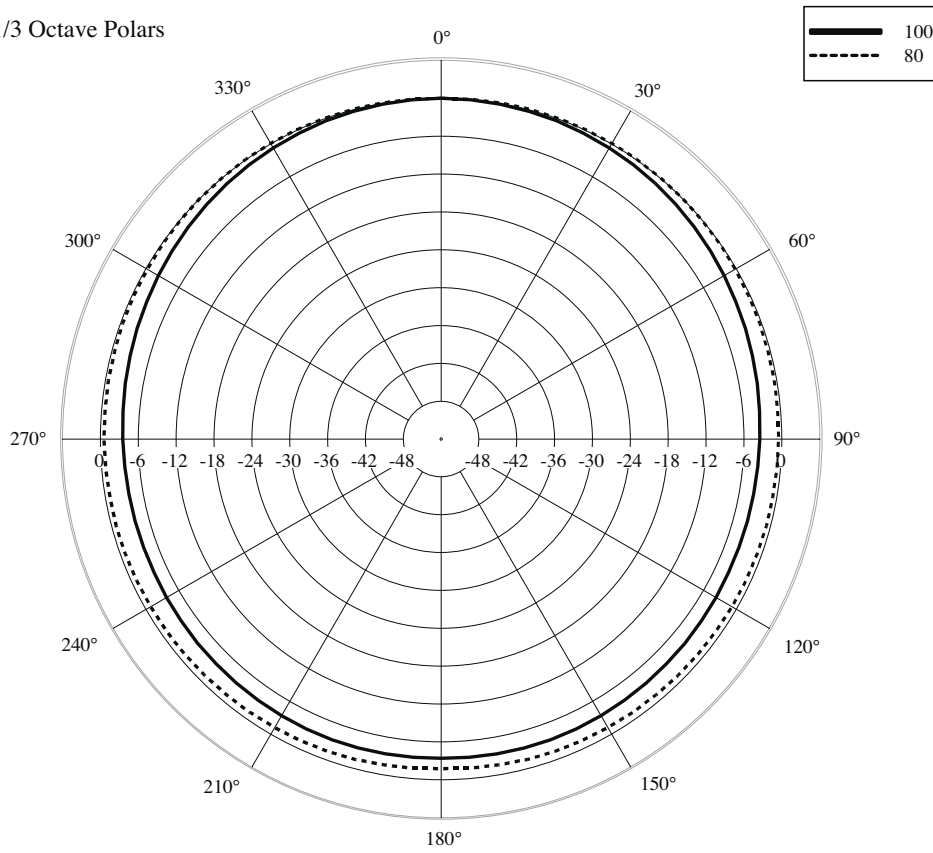
Power supply:	switching 1000 Watt
High frequencies:	-
Mid frequencies:	-
Low frequencies:	D / 1000 Watt
Cooling:	convection/forced
Connection:	VDE connector IN/OUT

PHYSICAL

Height:	600 mm (23,62")
Width:	445 mm (17,51")
Depth:	600 mm (23,62")
Weight:	19,4 kg (74,95 lbs)
Cabinet:	baltic birch
Hardware:	-
Handles:	2 on side
Pole mount cap	yes
Colour:	Black



1/3 Octave Polars



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

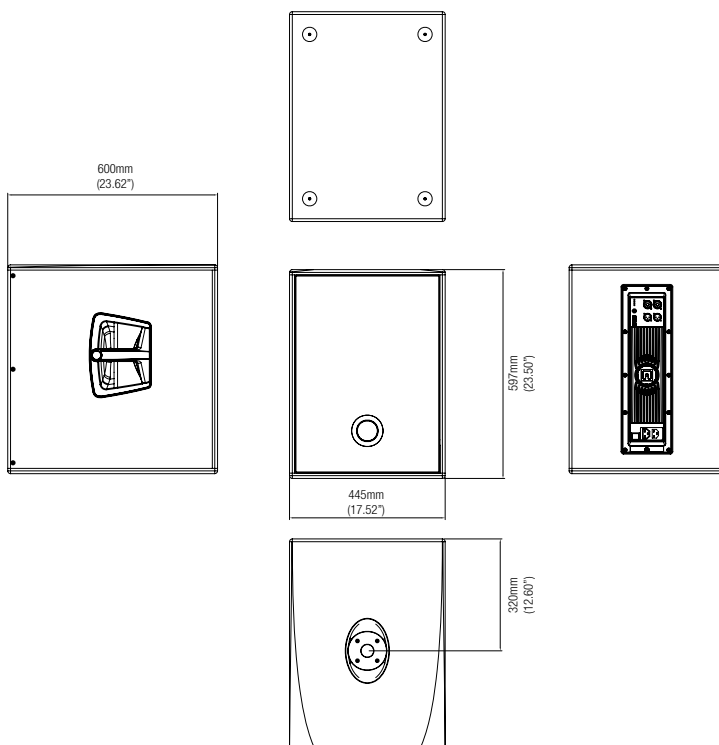
The following are "Part 2 Products" CSI-type specifications.

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 905-AS



2.02 Design

Configuration	Active subwoofer
LF Sub-section	15" woofer, 76 mm voice coil
MR Sub-section	-
HF Sub-section	-

2.03 Acoustical Properties

Nominal dispersion angle:	-
Axial frequency range:	40Hz-120kHz

2.04 Physical Properties

Cabinet:	Baltic birch
Rigging inserts:	-
Color:	Black
Grille:	Custom perforated steel grille with open-cell poly fiber backing
Input Connectors:	Stereo c. xlr-jack
Dimensions (H x W x D):	600 x 445 x 600 mm (23,62" x 17,51" x 23,62")
Weight:	34,00 kg (74,95 lbs.)

2.05 Accessories

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 PRO-LF	Steel professional adapter sleeve for loudspeaker floor stand, tube diametro 35 mm. Load capacity up to 50Kg, Weight 0.7 Kg, H 27.5 cm
AC PMA	Speaker pole mount
AC WK-FX	Kit N° 4 fixed castor 80mm / 3" dia black wheel with roller bearings. Carrying weight per wheel 60Kg / 130lb
AC WK-SW	Kit N° 4 swivel castor 80mm / 3" dia black wheel with roller bearings. Carrying weight per wheel 60Kg / 130lb