

# AVA E121v2

## TWO WAY PASSIVE SPEAKER

### OVERVIEW

AVA E121v2, a member of E Series is a Passive 2 way Loudspeaker system designed and manufactured by AVA Pro Audio and with high quality B&C 3" compression driver and 12" woofer. Ava E121v2 delivers clear high frequency, full and mid frequency and punchy bass.

### FEATURES

- 1" compression driver with 1.7" voice coil
- 12" woofer, high power, 3" voice coil
- 129 dB max spl
- input Power Rating: 700 W AES



### TECHNICAL SPECIFICATIONS

#### Acoustical specifications

Frequency Response (-10dB):	45Hz- 20000Hz
Max SPL @ 1m:	129 dB
Horizontal coverage angle:	90°
Vertical coverage angle:	60°
System Sensitivity:	99.5 dB

#### Power section

Crossover Frequencies:	1600 Hz
Nominal Impedanc:	8 ohm
Protections:	Dynamic Active Mosfet
Power Rating (program):	700 W

#### Transducers

Compression Driver:	1.7" Voice coil, 1" exit
Nominal Impedance (ohm):	8 ohm
Input Power Rating:	program 120 W
Sensitivity:	108.5 dB, 1W @ 1m
Woofer:	12", 3" Voice Coil
Nominal Impedance (ohm):	8 ohm
Input Power Rating:	program 700 W
Sensitivity:	98.5 dB

#### Input/Output section

Input connectors:	Speakon
Output connectors:	Speakon

#### Physical Specifications

Cabinet/Case Material:	15 mm, 11-ply Baltic Birch plywood
Hardware:	2 x Handle
Pole mount/Cap:	35 mm pole
Grille:	Powder Coated 15 gauge hex-perforated steel with acoustically-transparent black cloth
Rigging:	12 x M8 mounting points
Color:	Black

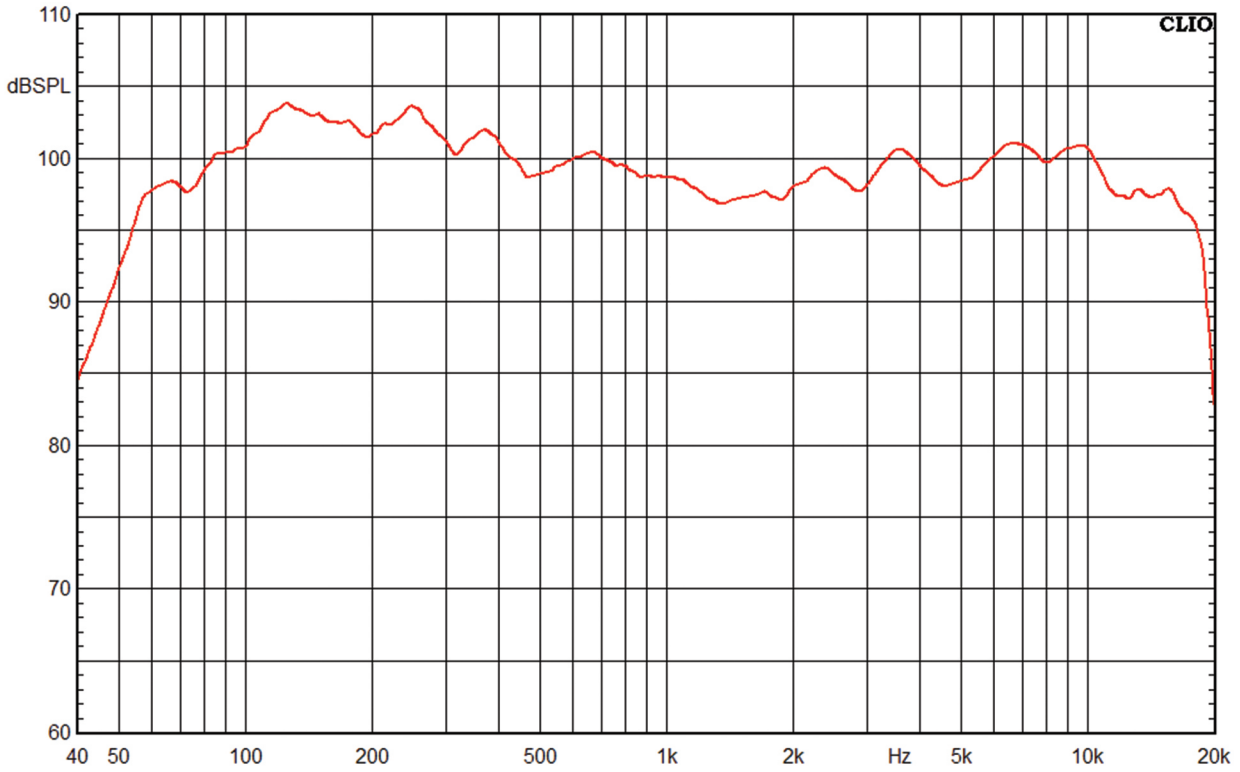
#### Size

Height:	625 mm
Width:	370 mm
Depth:	400 mm
Weight:	22 kg / 48.5 lbs

#### Shipping informations

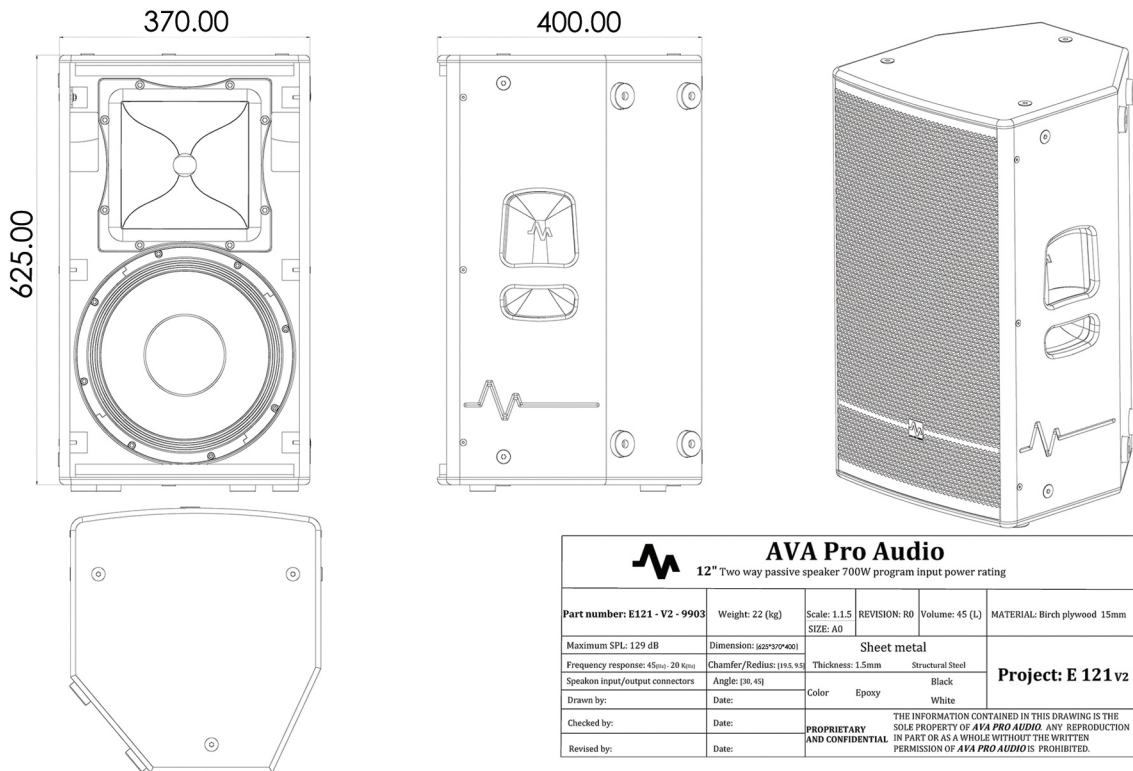
Package Height:	710 mm
Package Width:	450 mm
Package Depth:	460 mm
Package Weight:	25 kg / 55 lbs

## FREQUENCY RESPONSE



AVA Pro Audio measurement chamber

## DIMENSIONS



<b>AVA Pro Audio</b> 12" Two way passive speaker 700W program input power rating					
Part number: E121-V2-9903	Weight: 22 (kg)	Scale: 1:1.5 SIZE: A0	REVISION: R0	Volume: 45 (L)	MATERIAL: Birch plywood 15mm
Maximum SPL: 129 dB	Dimension: 625x370x400	Sheet metal		<b>Project: E 121 v2</b>	
Frequency response: 45Hz - 20 kHz	Chamfer/Radius: r15, r3	Thickness: 1.5mm	Structural Steel		
Speaker input/output connectors	Angle: [30, 45]	Color: Epoxy	Black		
Drawn by:	Date:	Color: White	White		
Checked by:	Date:	<small>                         THE INFORMATION CONTAINED IN THIS DRAWING IS THE                          SOLE PROPERTY OF AVA PRO AUDIO. ANY REPRODUCTION                          IN PART OR AS A WHOLE WITHOUT THE WRITTEN                          PERMISSION OF AVA PRO AUDIO IS PROHIBITED.                     </small>			
Revised by:	Date:				

## PART NUMBER

■ **E121v2-9903**

AVA E121v2- 2 WAY 700W SPEAKER