AYRA PRO5

PROFESSIONAL ACTIVE TWO-WAY STUDIO MONITORS

DESCRIPTION

AYRA PRO5 studio monitor works perfectly in any listening environment, whether large or small production facilities, with absolute clarity. It delivers accurate monitoring and provides the engineer or producer with a neutral tool to analyze recordings and optimize the mix; for this reason, we call it PRO.
Featuring a dedicated powerful internal DSP that optimizes frequency response and dynamics together with the exclusive RCF FiRPHASE processing and selected components, the AYRA PRO is the first Studio Monitor in its class to boast an outstanding 0° phase response.

FEATURES

- 50Hz – 20kHz Frequency Response
- 0° Phase Response
- 75W + 25W Class-D Amplifiers
- 5” Composite Fiberglass Woofer
- 1” ferrofluid cooled Soft Dome tweeter
- RCF Precision Waveguide
- DSP Processing with FiRPHASE
- Low distortion frontal Vented Ports

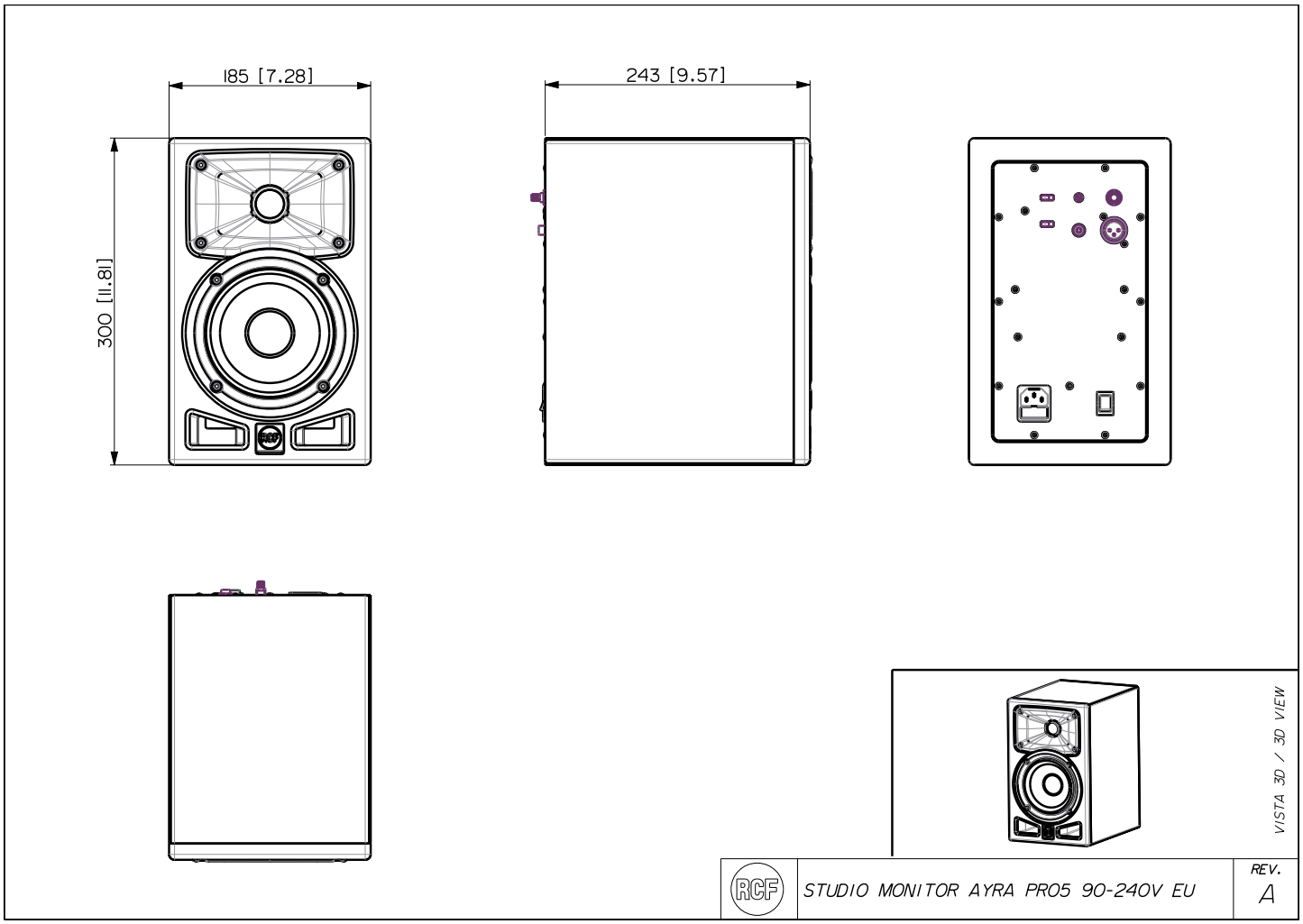
TECHNICAL SPECIFICATIONS

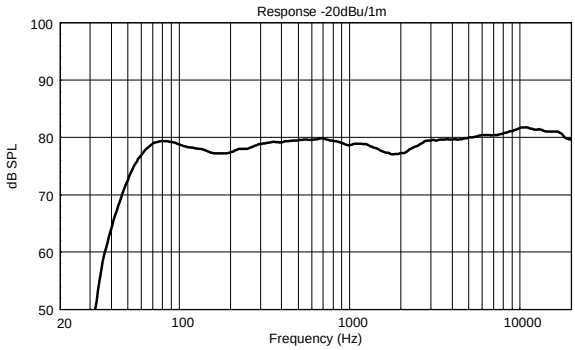
Acoustical specifications	Frequency Response:	50 Hz ÷ 20000 Hz
	Max SPL @ 1m:	110 dB
	Horizontal coverage angle:	110°
	Vertical coverage angle:	70°
Transducers	Dome Tweeter:	1.0" neo, 1.0" v.c
	Woofer:	5.0", 1.0" v.c
Input/Output section	Input signal:	bal/unbal
	Input connectors:	XLR, Jack, RCA
	Input sensitivity:	-2 dBu/+4 dBu
Processor section	Crossover Frequencies:	2000Hz
	Limiter:	Soft Limiter
Power section	Total Power:	200 W Peak, 100 W RMS
	High frequencies:	50 W Peak, 25 W RMS
	Low frequencies:	150 W Peak, 75 W RMS
	Connections:	XLR, Jack, RCA
Physical specifications	Cabinet/Case Material:	MDF
	Color:	Black - RAL 9005
Size	Height:	300 mm / 11.81 inches
	Width:	185 mm / 7.28 inches
	Depth:	243 mm / 9.57 inches
	Weight:	4.3 kg / 9.48 lbs
Shipping informations	Package Height:	400 mm / 15.75 inches
	Package Width:	339 mm / 13.35 inches
	Package Depth:	261 mm / 10.28 inches
	Package Weight:	6 kg / 13.23 lbs

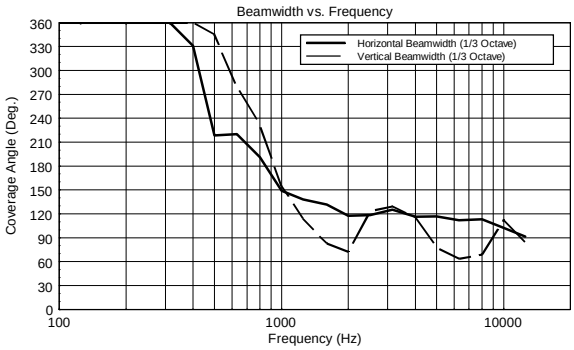
PART NUMBER

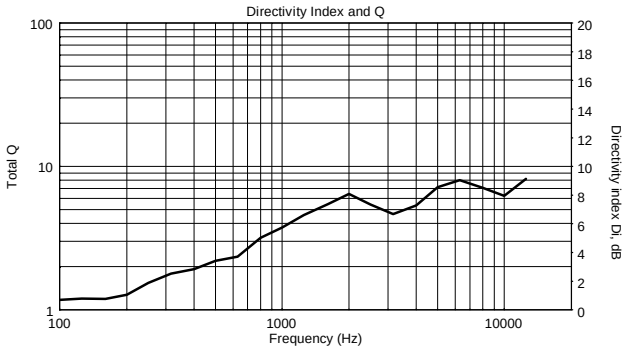
- **13000646**
  AYRA PRO5
  JP
  EAN 8024530017347
- **13000645**
  AYRA PRO5
  UK
  EAN 8024530017330
- **13000644**
  AYRA PRO5
  US
  EAN 8024530017323
- **13000597**
  AYRA PRO5
  EU
  EAN 8024530016890

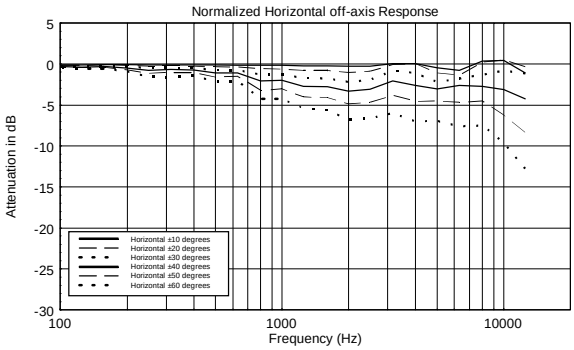
RCF products are continually improved. All specifications are therefore subject to change without notice.

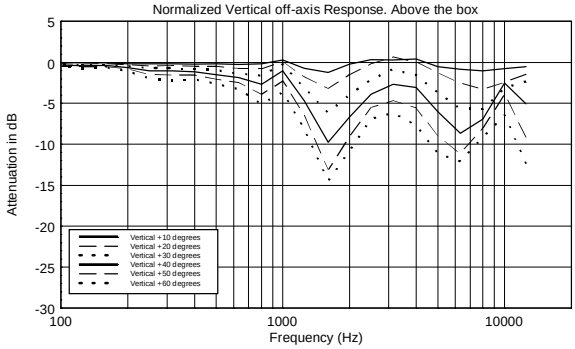

185 [7.28]
243 [9.57]
300 [11.81]
VISTA 3D / 3D VIEW
STUDIO MONITOR AYRA PRO5 90-240V EU
REV.
A

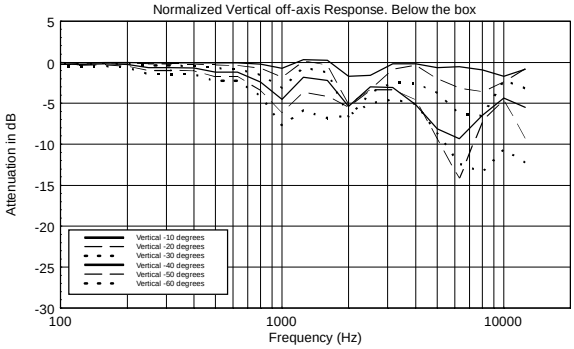

Response -20dBu/1m
dB SPL
Frequency (Hz)

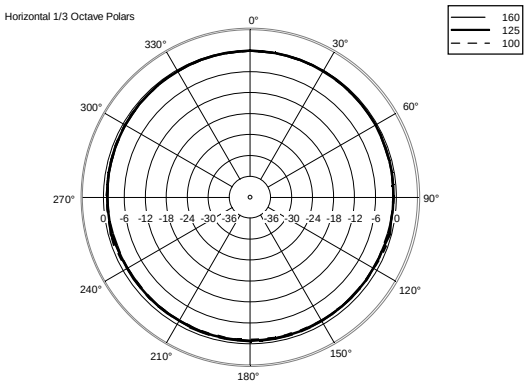

Beamwidth vs. Frequency
Horizontal Beamwidth (1/3 Octave)
Vertical Beamwidth (1/3 Octave)
Coverage Angle (Deg.)
Frequency (Hz)

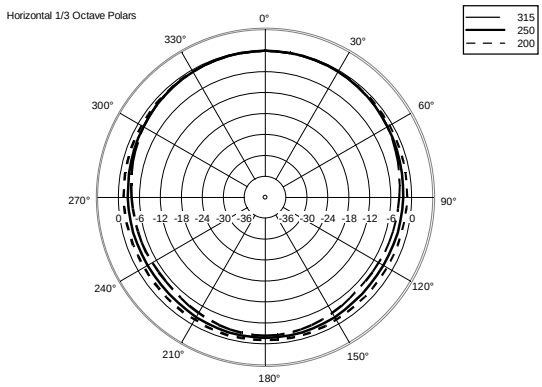

Directivity Index and Q
Total Q
Directivity index DI, dB
Frequency (Hz)

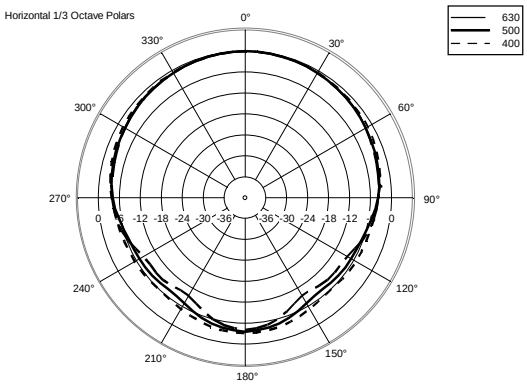

Normalized Horizontal off-axis Response
Attenuation in dB
Horizontal ±10 degrees
Horizontal ±20 degrees
Horizontal ±30 degrees
Horizontal ±40 degrees
Horizontal ±50 degrees
Horizontal ±60 degrees
Frequency (Hz)

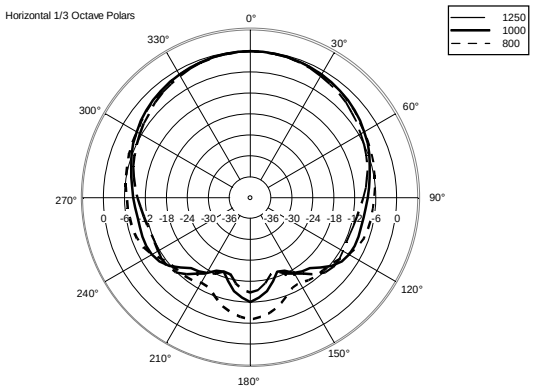

Normalized Vertical off-axis Response. Above the box
Attenuation in dB
Vertical +10 degrees
Vertical +20 degrees
Vertical +30 degrees
Vertical +40 degrees
Vertical +50 degrees
Vertical +60 degrees
Frequency (Hz)

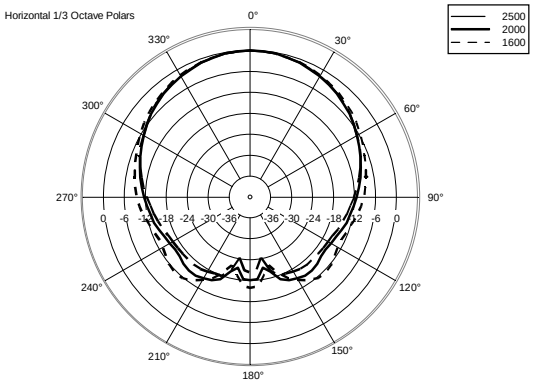

Normalized Vertical off-axis Response. Below the box
Attenuation in dB
Vertical -10 degrees
Vertical -20 degrees
Vertical -30 degrees
Vertical -40 degrees
Vertical -50 degrees
Vertical -60 degrees
Frequency (Hz)

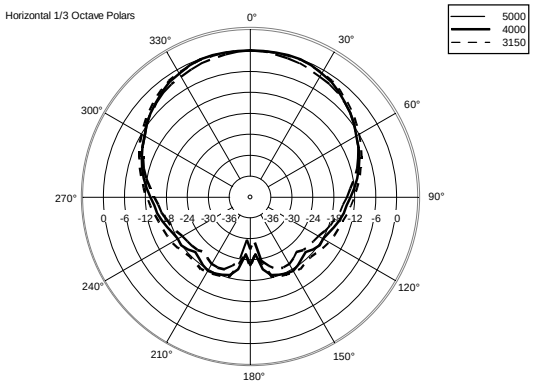

Horizontal 1/3 Octave Polars
160
125
100

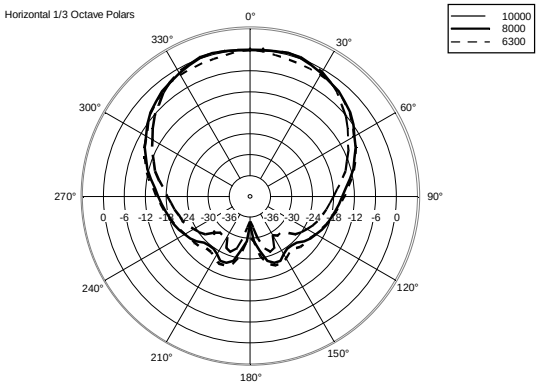

Horizontal 1/3 Octave Polars
315
250
200

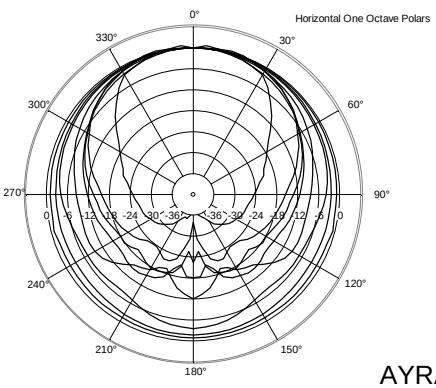

Horizontal 1/3 Octave Polars
630
500
400

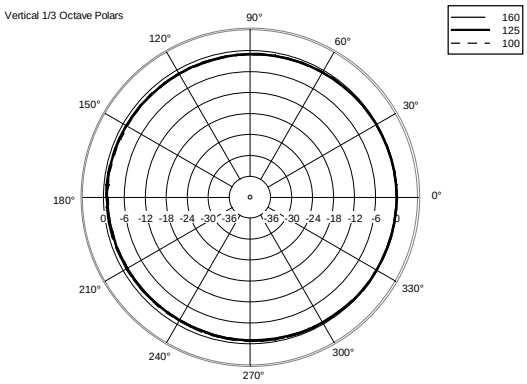

Horizontal 1/3 Octave Polars
1250
1000
800


Horizontal 1/3 Octave Polars
2500
2000
1600


Horizontal 1/3 Octave Polars
5000
4000
3150


Horizontal 1/3 Octave Polars
10000
8000
6300


Horizontal One Octave Polars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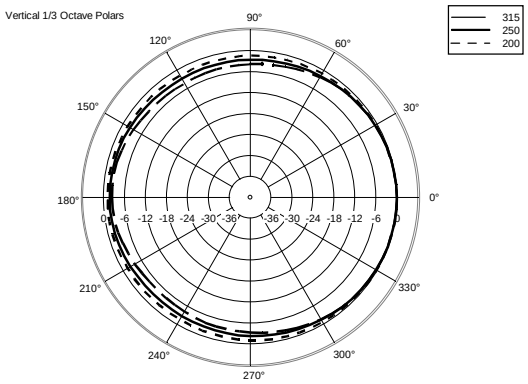
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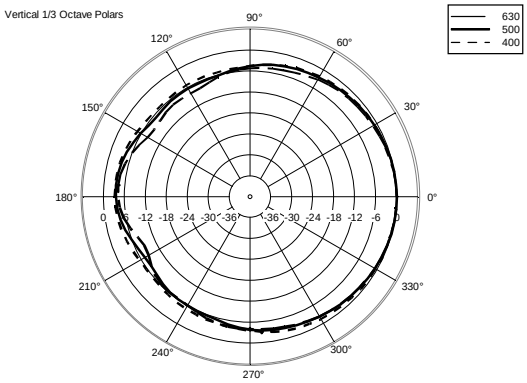
200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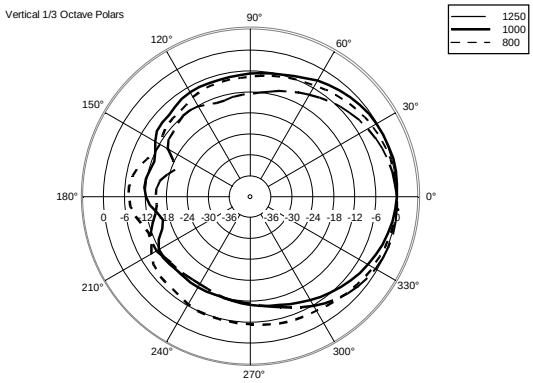
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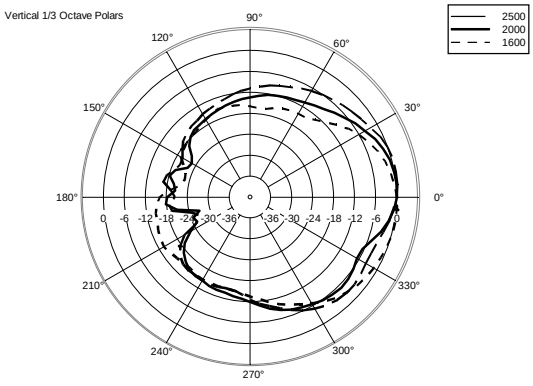
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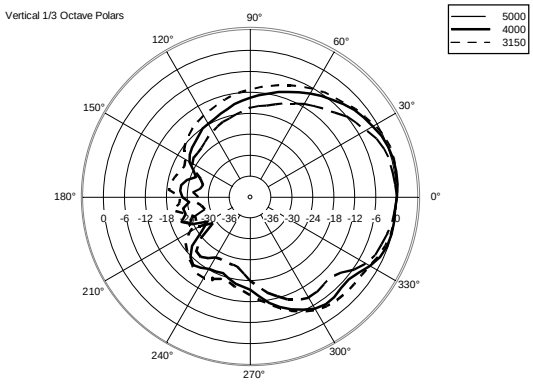
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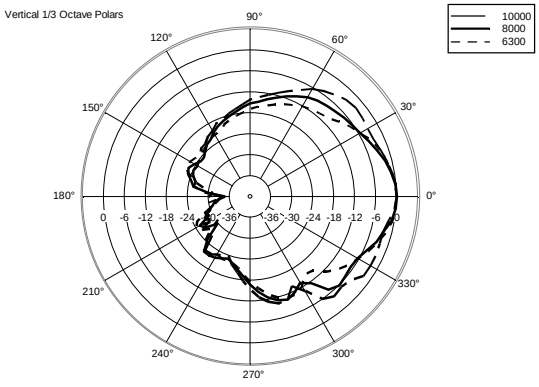
Vertical 1/3 Octave Polars
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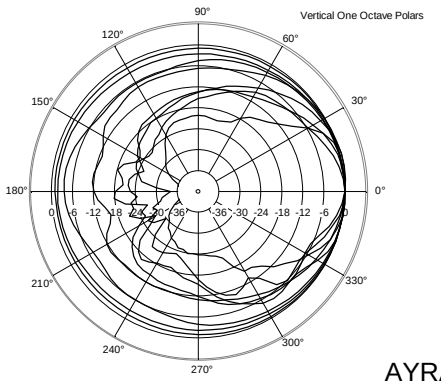
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