AYRA PRO8

PROFESSIONAL ACTIVE TWO-WAY STUDIO MONITORS

DESCRIPTION

AYRA PRO8 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

- 45Hz – 20kHz Frequency Response
- 0° Phase Response
- 100W + 40W Class-D Amplifiers
- 8” Composite Fiberglass Woofer
- 1” ferrofluid cooled Soft Dome tweeter
- RCF Precision Waveguide
- DSP Processing with FiRPHASE
- Low distortion frontal Vented Ports

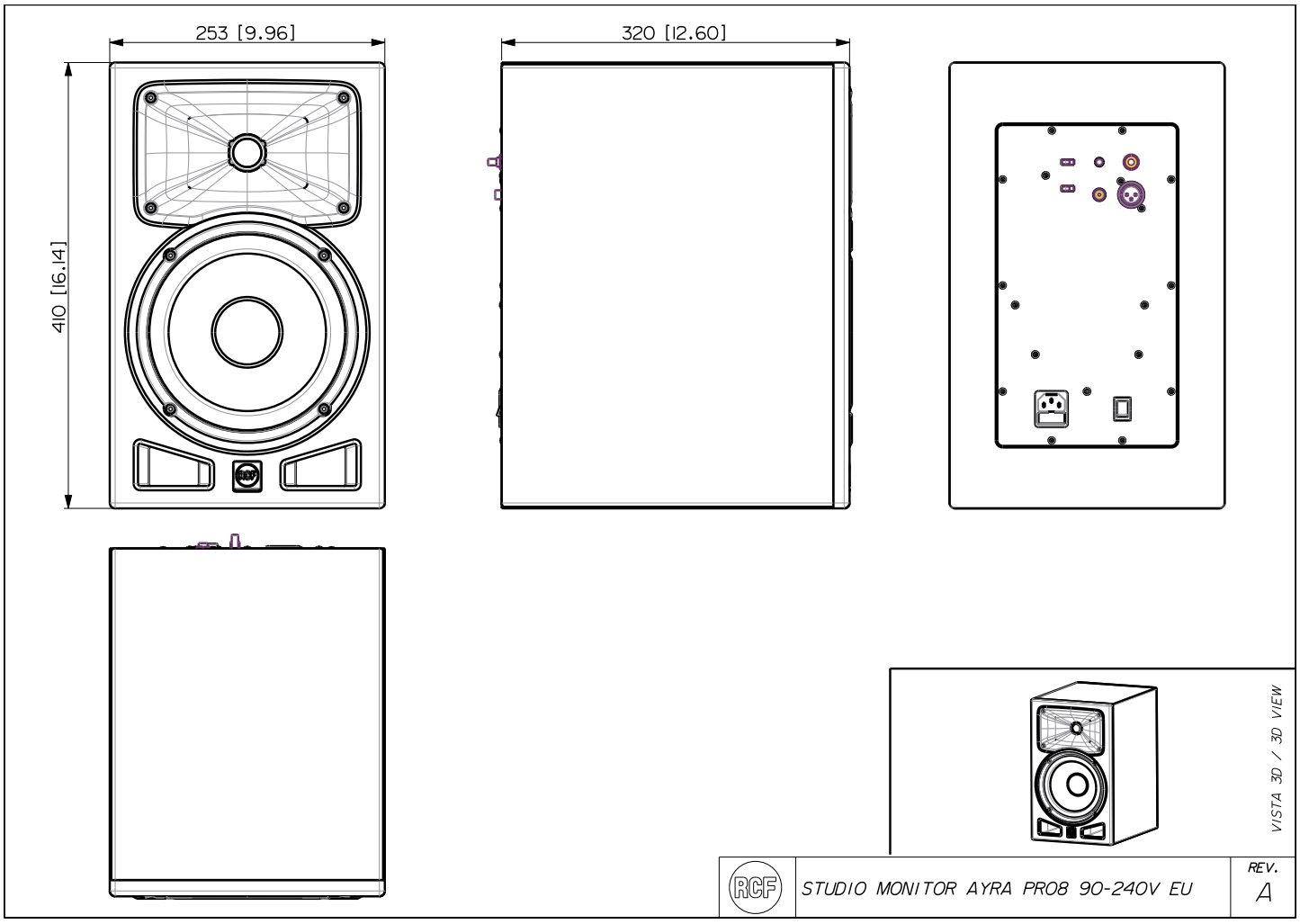
TECHNICAL SPECIFICATIONS

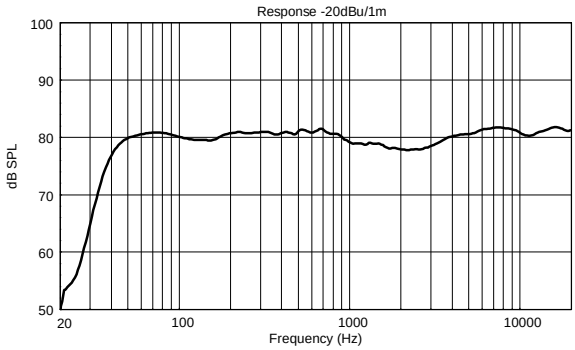
Acoustical specifications	Frequency Response:	45 Hz ÷ 20000 Hz
	Max SPL @ 1m:	114 dB
	Horizontal coverage angle:	110°
	Vertical coverage angle:	70°
Transducers	Dome Tweeter:	1.0" neo, 1.0" v.c
	Woofer:	8", 1.5" v.c
Input/Output section	Input signal:	bal/unbal
	Input connectors:	XLR, Jack, RCA
	Input sensitivity:	-2 dBu/+4 dBu
Processor section	Crossover Frequencies:	2000Hz
	Limiter:	Soft Limiter
	Controls:	HF Adjust -1dB,0,+1dB LF Adjust -2dB,0,+2dB
Power section	Total Power:	280 W Peak, 140 W RMS
	High frequencies:	80 W Peak, 40 W RMS
	Low frequencies:	200 W Peak, 100 W RMS
	Connections:	XLR, Jack, RCA
Physical specifications	Cabinet/Case Material:	MDF
	Color:	Black - RAL 9005
Size	Height:	410 mm / 16.14 inches
	Width:	253 mm / 9.96 inches
	Depth:	320 mm / 12.6 inches
	Weight:	8.6 kg / 18.96 lbs
Shipping informations	Package Height:	510 mm / 20.08 inches
	Package Width:	416 mm / 16.38 inches
	Package Depth:	329 mm / 12.95 inches
	Package Weight:	9.5 kg / 20.94 lbs

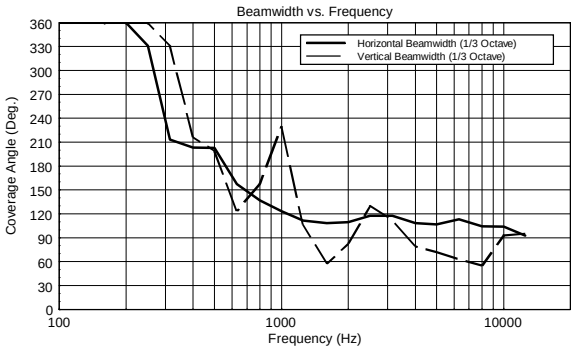
PART NUMBER

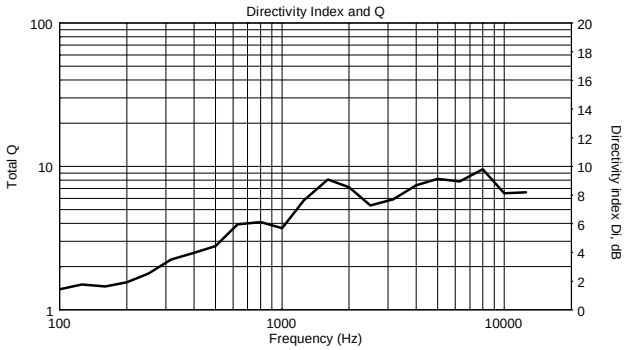
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- **13000599**
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  US
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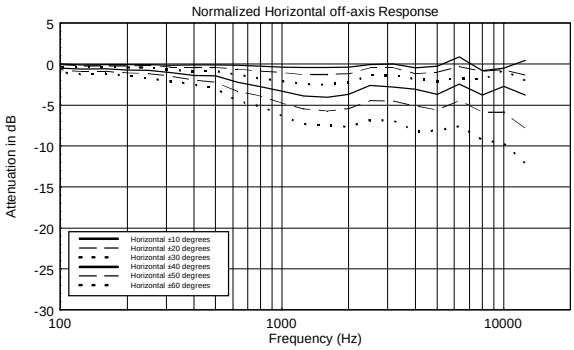
RCF products are continually improved. All specifications are therefore subject to change without notice.

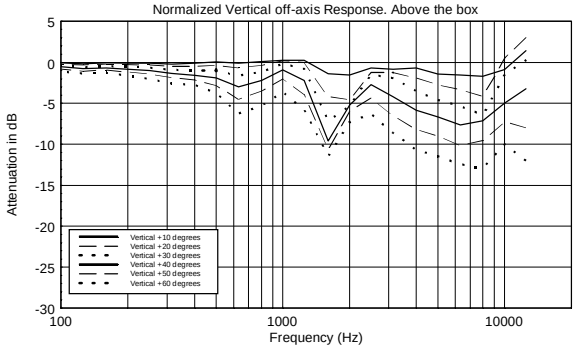

253 [9.96]
320 [12.60]
410 [16.14]
VISTA 3D / 3D VIEW
STUDIO MONITOR AYRA PRO8 90-240V EU
REV.
A

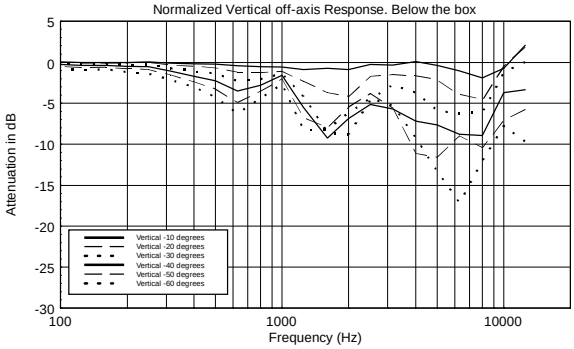

Response -20dBu/1m
dB SPL
Frequency (Hz)


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

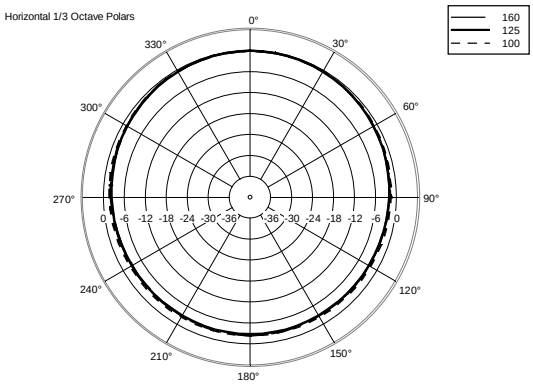

Directivity Index and Q
Total Q
Directivity index DI, dB
Frequency (Hz)


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)

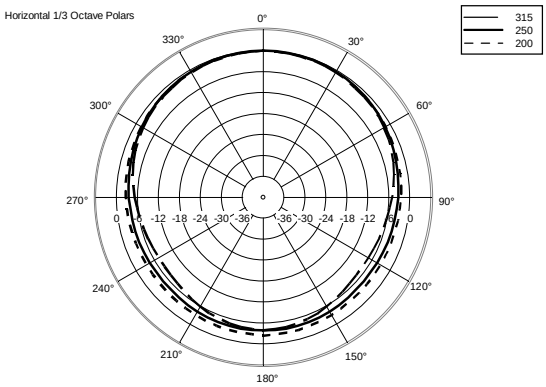

Normalized Vertical off-axis Response. Above the box
Attenuation in dB
Vertical +10 degrees
Vertical +20 degrees
Vertical +30 degrees
Vertical +40 degrees
Vertical +50 degrees
Vertical +60 degrees
Frequency (Hz)


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)

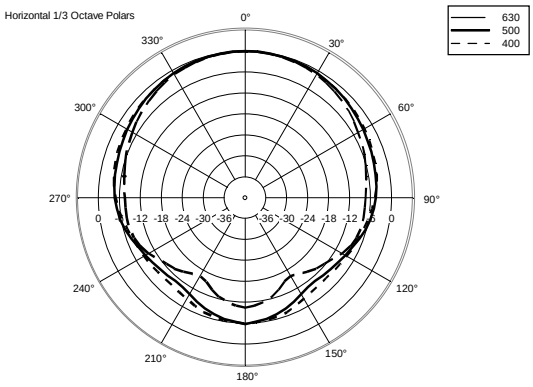
Horizontal 1/3 Octave Polars



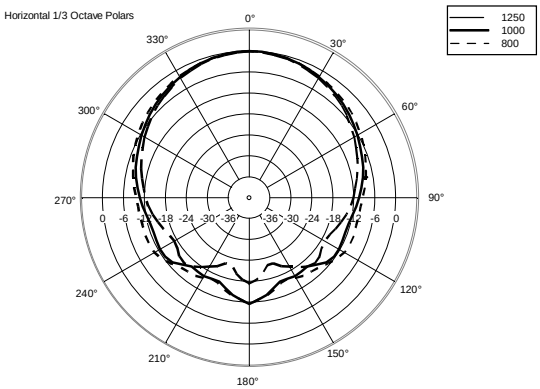
Horizontal 1/3 Octave Polars



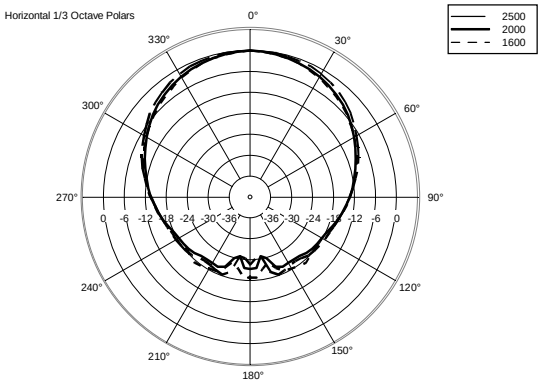
Horizontal 1/3 Octave Polars



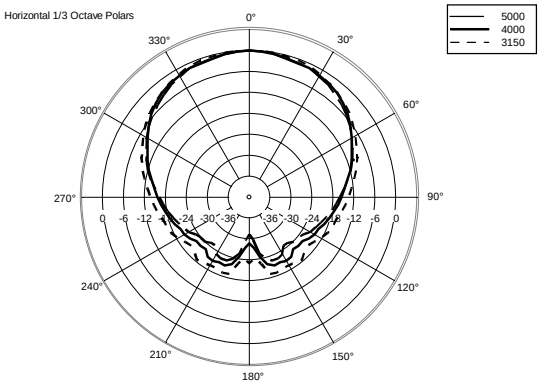
Horizontal 1/3 Octave Polars



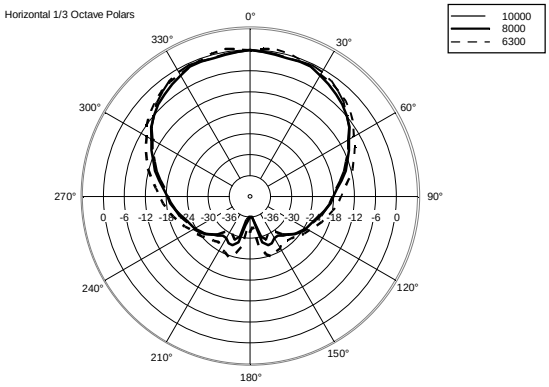
Horizontal 1/3 Octave Polars



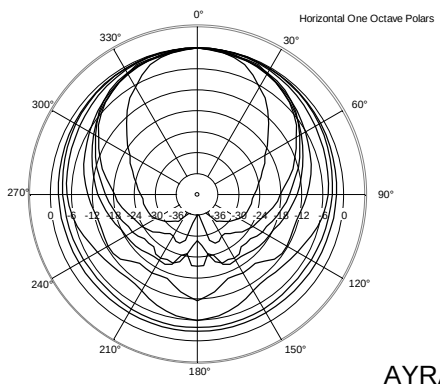
Horizontal 1/3 Octave Polars

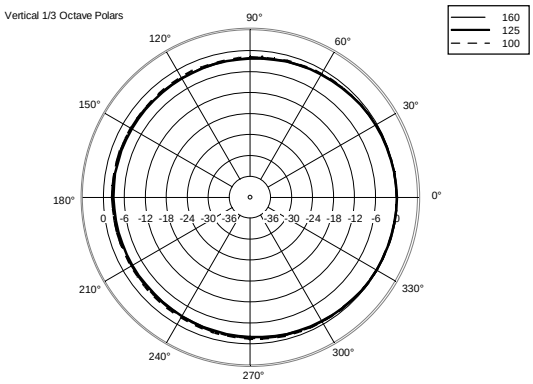


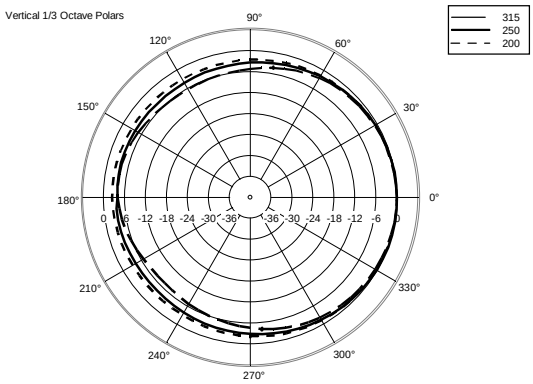
Horizontal 1/3 Octave Polars

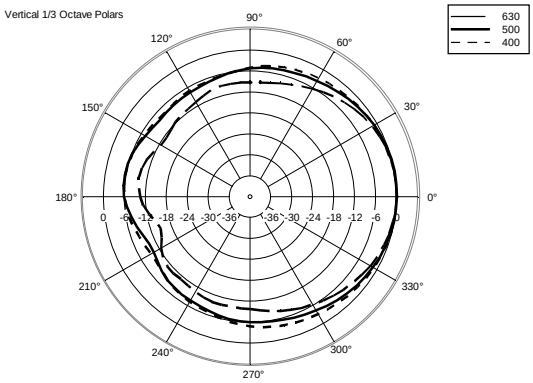


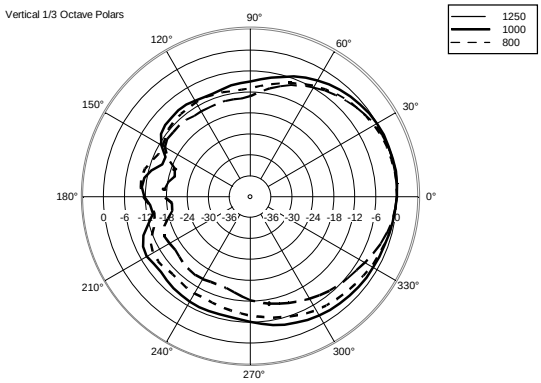
Horizontal One Octave Polars

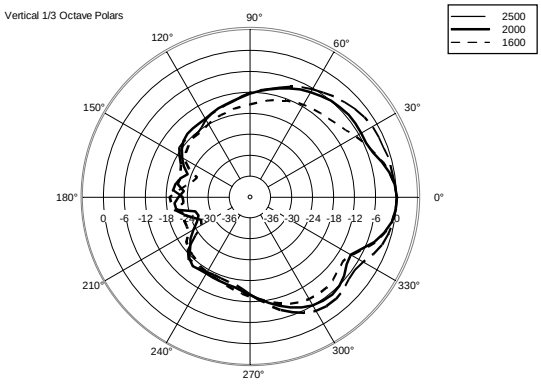


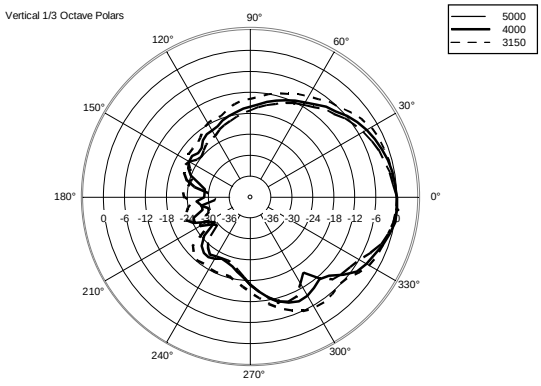

Vertical 1/3 Octave Polars
160
125
100

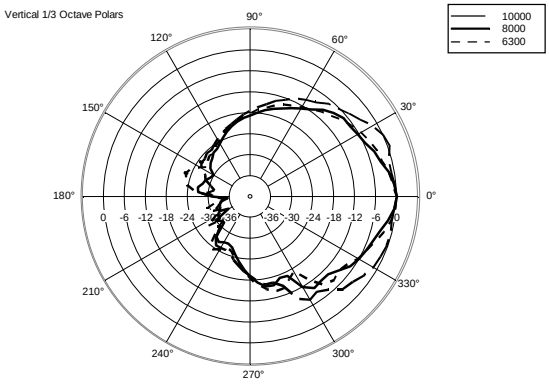

Vertical 1/3 Octave Polars
315
250
200

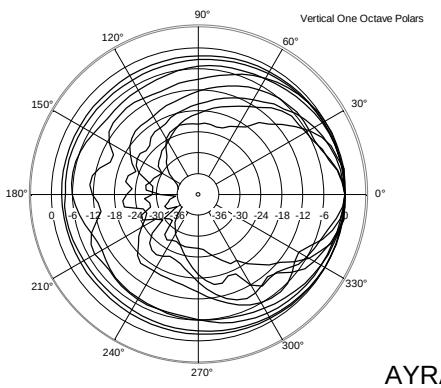

Vertical 1/3 Octave Polars
630
500
400


Vertical 1/3 Octave Polars
1250
1000
800


Vertical 1/3 Octave Polars
2500
2000
1600


Vertical 1/3 Octave Polars
5000
4000
3150


Vertical 1/3 Octave Polars
10000
8000
6300


Vertical One Octave Polars