TTL 55-A WP STADIUM

ACTIVE THREE-WAY LINE ARRAY MODULE

DESCRIPTION

The TTL55-A WP Stadia is a high power, three-way, active line array module engineered to deliver an incredible output for use in outdoor large spaces. The three new designs for the six neodymium transducers powering the system result from a long-lasting research in pioneering new solutions using the best materials available on the market. The mechanical suspension and orientation system are made of high-quality steel. The suspension system is directly connected to the aluminum sides of the cabinet and is particularly precise and easy to use.

FEATURES

- Maximum output per size on the market
- 3500 W, four-way digital amplification
- 2 x 12” high power neodymium woofers, 4” v. c.
- 10” neodymium midrange, 3.5” v. c.
- 3 x 1.5” neodymium compression drivers, 2.5” v. c.
- High quality analog input board
- 96 kHz, 32-bit DSP processing
- RDNet ON BOARD
- Tour grade Baltic birch cabinet and mechanics

TECHNICAL SPECIFICATIONS

Acoustical specifications	Max SPL @ 1m:	143 dB
	Horizontal coverage angle:	90°
	Vertical coverage angle:	7°
Transducers	Compression Driver:	3 x 1.5" neo, 2.5" v.c
	Midrange:	10" neo, 3.5" v.c
	Woofer:	2 x 12" neo
Input/Output section	Input signal:	bal/unbal
	Input connectors:	XLR, RDNet Ethercon
	Output connectors:	XLR, RDNet Ethercon
	Input sensitivity:	+4 dBu
Processor section	Crossover Frequencies:	320 Hz - 1300 Hz
	Protections:	Thermal, Excurs., RMS
	Limiter:	Soft Limiter
	Controls:	DSP Controlled
	RDNet:	Yes
Power section	Total Power:	7000 W Peak, 3500 W RMS
	High frequencies:	1000 W Peak, 500 W RMS
	Mid frequencies:	2000 W Peak, 1000 W RMS
	Low frequencies:	4000 W Peak, 2000 W RMS
	Cooling:	Convection/Forced
	Connections:	Powercon IN/OUT
Standard compliance	Safety agency:	CE compliant
Physical specifications	Cabinet/Case Material:	Baltic birch plywood
	Hardware:	Array Fly-Ware
	Grille:	Steel with waterproof clothing
	Color:	Black
Size	Height:	380 mm / 14.96 inches
	Width:	1020 mm / 40.16 inches
	Depth:	550 mm / 21.65 inches
	Weight:	60 kg / 132.28 lbs
Shipping information	Package Height:	909 mm / 35.79 inches
	Package Width:	1144 mm / 45.04 inches
	Package Depth:	499 mm / 19.65 inches
	Package Weight:	71.5 kg / 157.63 lbs

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

PART NUMBER

- **13000424**

  TTL 55-A WP STADIUM

  220-240V

  EAN 8024530012106

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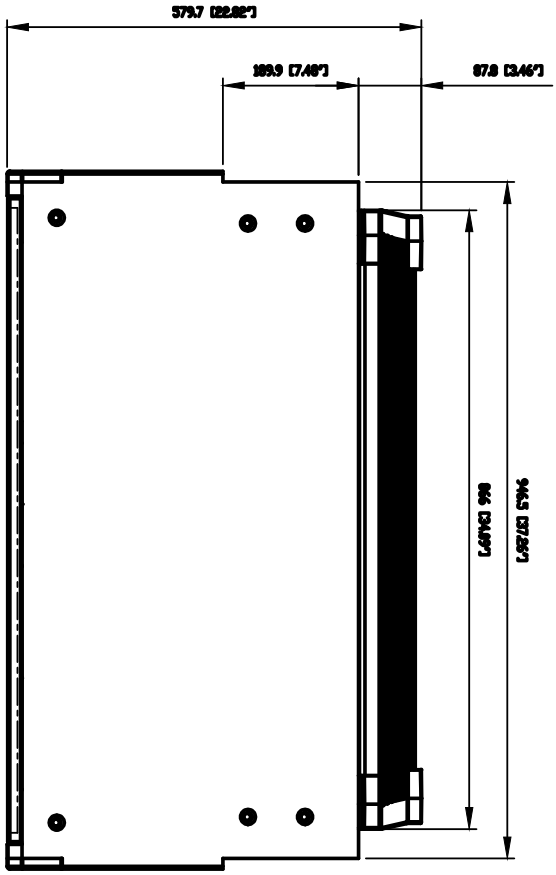

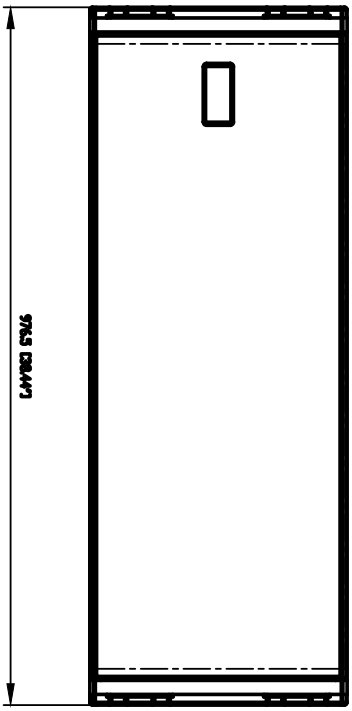

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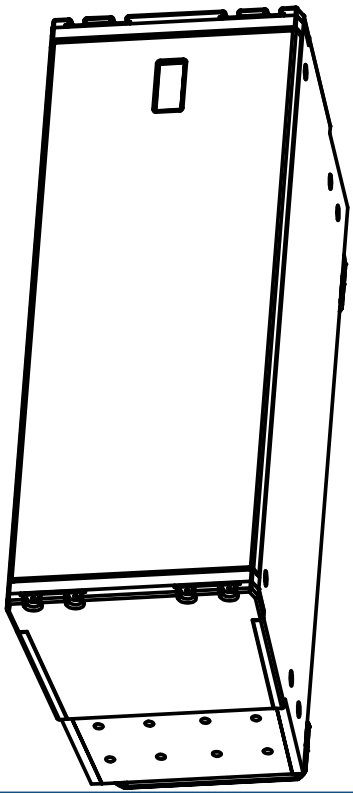
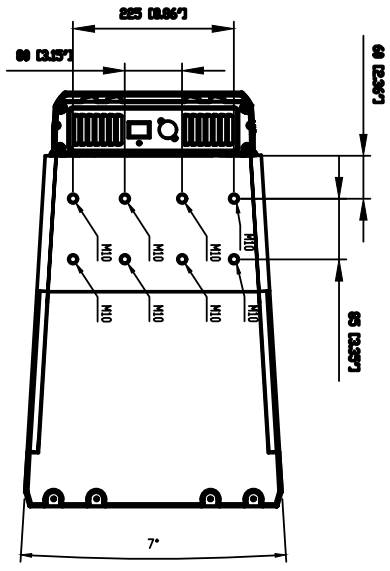
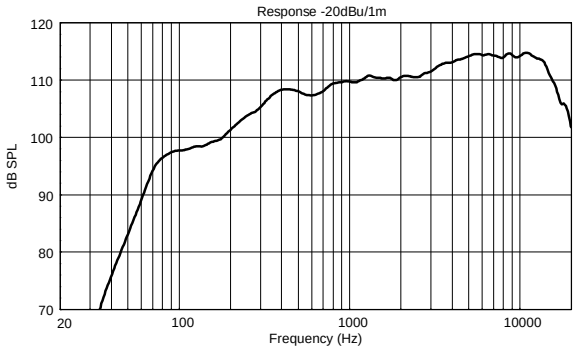
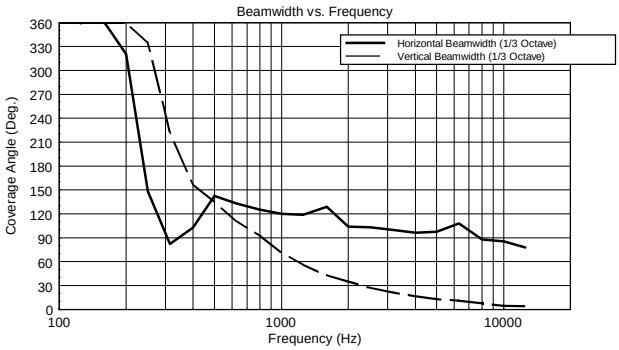
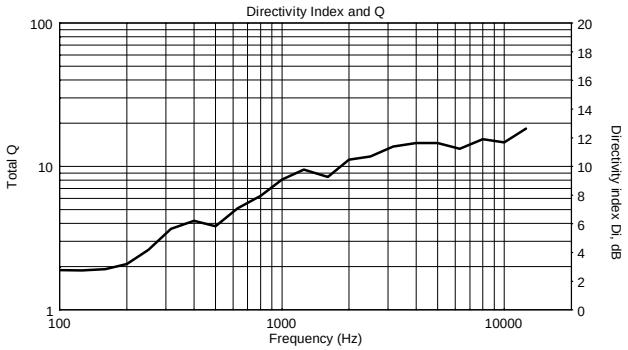
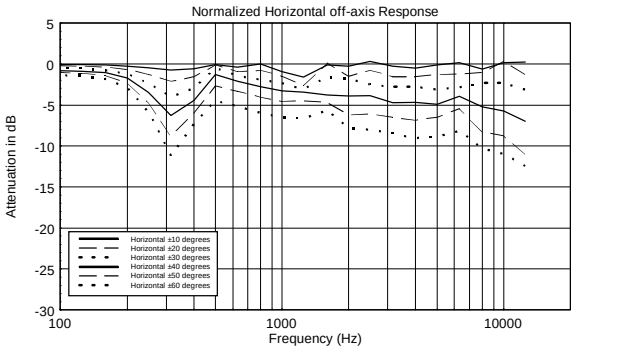


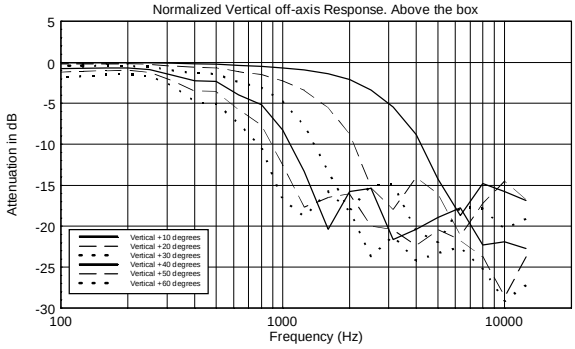


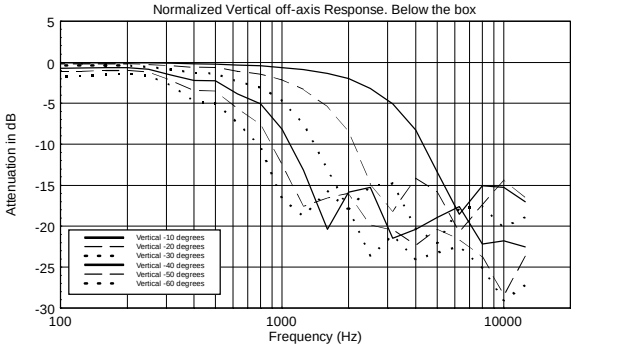

Response -20dBu/1m
dB SPL
Frequency (Hz)

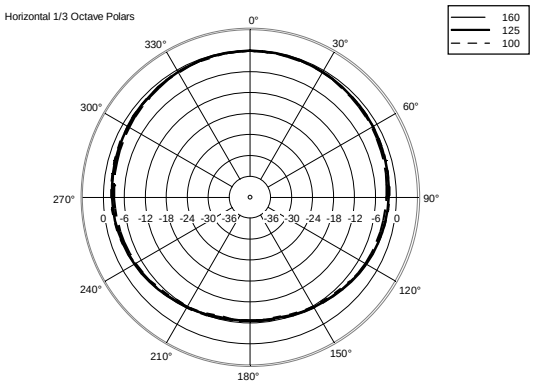

Beamwidth vs. Frequency
Horizontal Beamwidth (1/3 Octave)
Vertical Beamwidth (1/3 Octave)
Coverage Angle (Deg.)
Frequency (Hz)

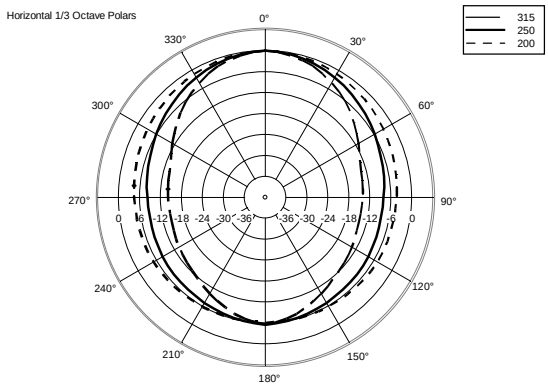

Directivity Index and Q
Total Q
Directivity index DI, dB
Frequency (Hz)

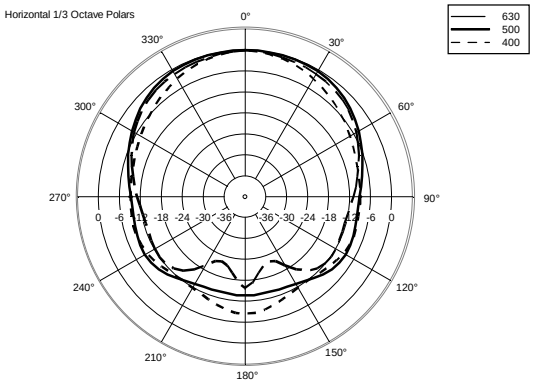

Normalized Horizontal off-axis Response
Attenuation in dB
Horizontal ±10 degrees
Horizontal ±20 degrees
Horizontal ±30 degrees
Horizontal ±40 degrees
Horizontal ±50 degrees
Horizontal ±60 degrees
Frequency (Hz)

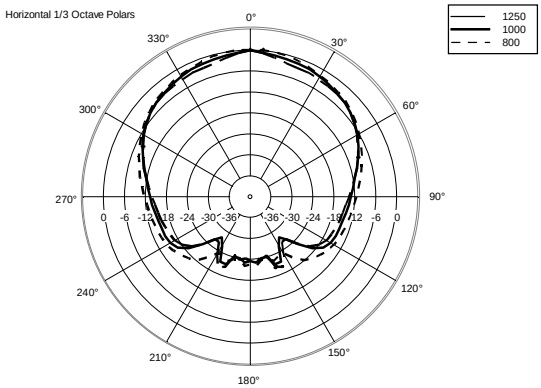

Normalized Vertical off-axis Response. Above the box
Attenuation in dB
Vertical +10 degrees
Vertical +20 degrees
Vertical +30 degrees
Vertical +40 degrees
Vertical +50 degrees
Vertical +60 degrees
Frequency (Hz)

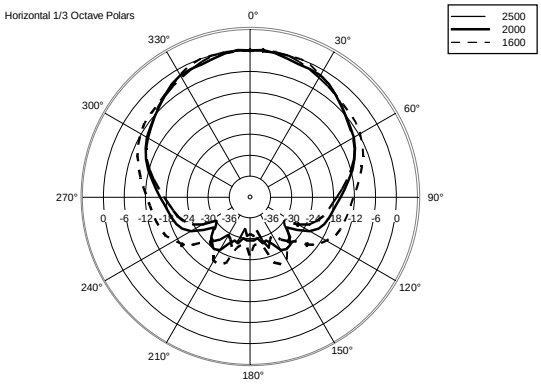

Normalized Vertical off-axis Response. Below the box
Attenuation in dB
Vertical -10 degrees
Vertical -20 degrees
Vertical -30 degrees
Vertical -40 degrees
Vertical -50 degrees
Vertical -60 degrees
Frequency (Hz)

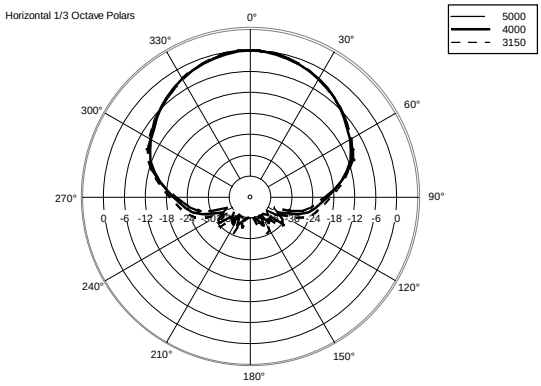

Horizontal 1/3 Octave Polars
160
125
100

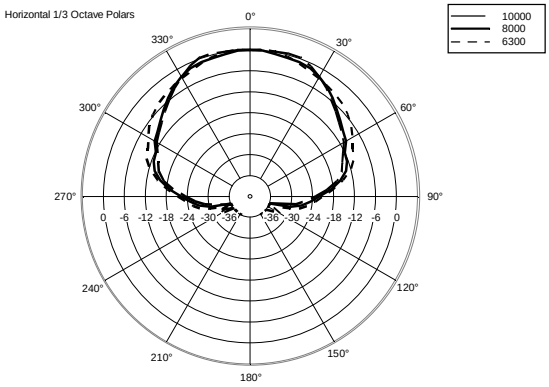

Horizontal 1/3 Octave Polars
315
250
200

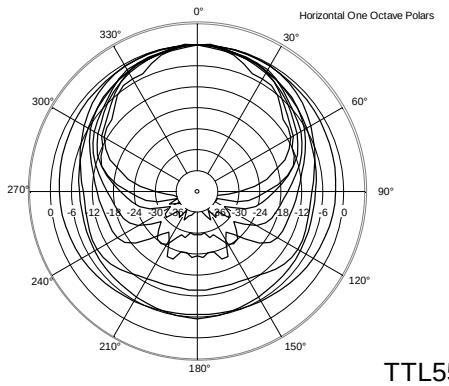

Horizontal 1/3 Octave Polars
630
500
400

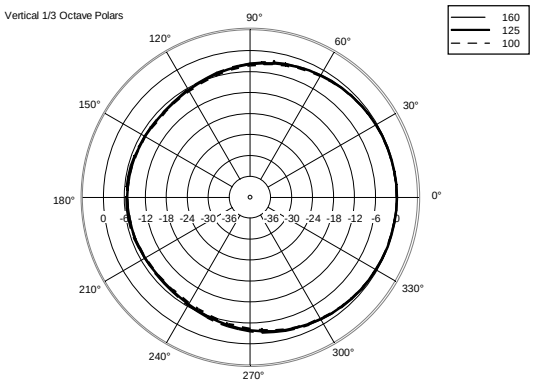

Horizontal 1/3 Octave Polars
1250
1000
800

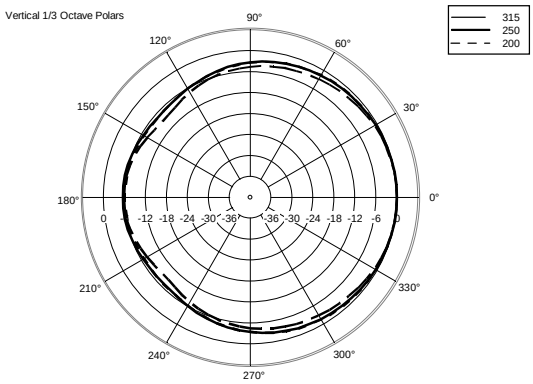

Horizontal 1/3 Octave Polars
2500
2000
1600

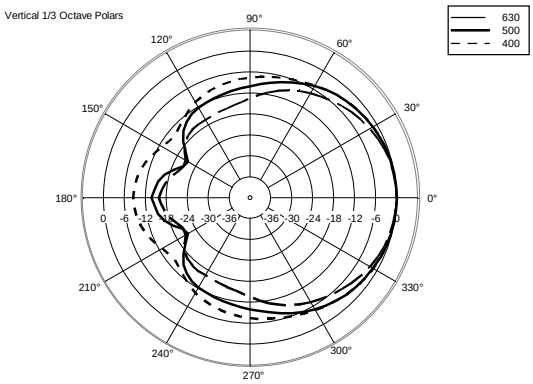

Horizontal 1/3 Octave Polars
5000
4000
3150

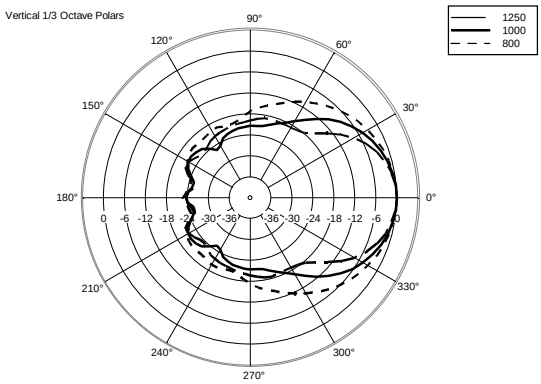

Horizontal 1/3 Octave Polars
10000
8000
6300

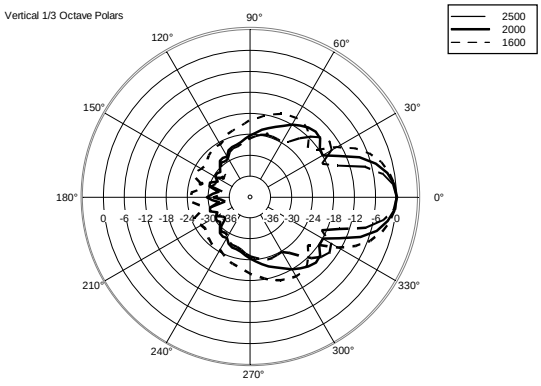

Horizontal One Octave Polars

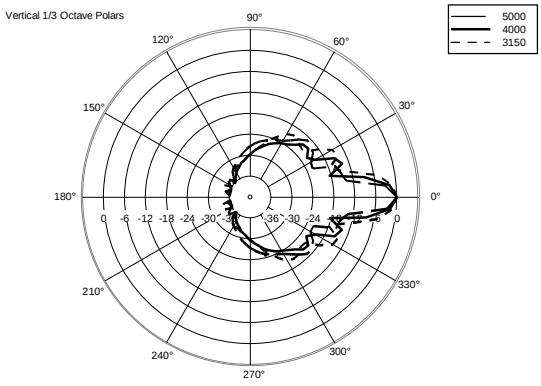

Vertical 1/3 Octave Polars
160
125
100

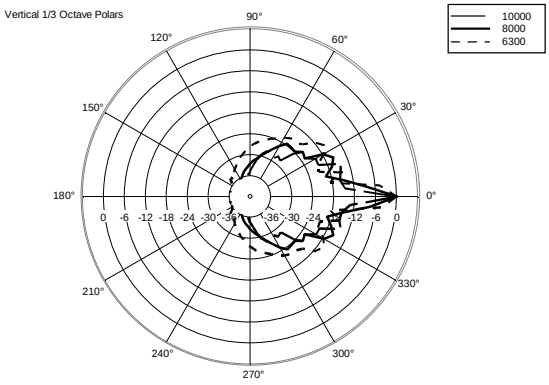

Vertical 1/3 Octave Polars
315
250
200

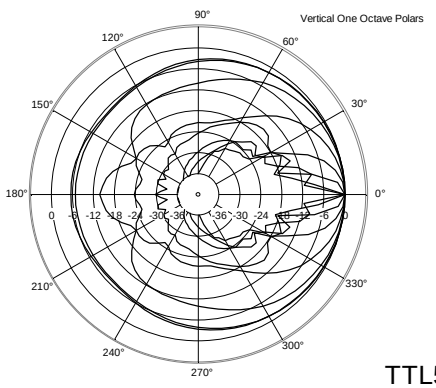

Vertical 1/3 Octave Polars
630
500
400


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

ACCESSORIES

AC XLR-3M3F XLR CONN. 3MALE3FEMALEXCABLE

PART NUMBER **13360102**
EAN: 8024530006402