L 2406T

THREE-WAY SPEAKER COLUMN ARRAY

DESCRIPTION

The L2406-T is a full range high intelligibility compact 3 way column speaker array with vertical controlled directivity for medium to large size installations.
It is equipped with six 5" woofers and four 1" dome tweeters mounted in front of the two central woofers. This particular design permits coherent sound dispersion minimizing lobing in a very compact enclosure.
The two central woofers are controlled differently from the other four because of the tweeters in front of them, in order to improve the directivity providing a true cardioid column operation.The wide coverage horizontal angle and the controlled vertical dispersion allow correct sound reproduction serving a wide area and assistance in limiting feedback and reverberated sound. A speech filter can be activated for enhancing the voice frequencies and improving speech intelligibility. The crossover is designed to avoid secondary lobing creation. Mounting accessories are provided and are designed to keep the column as close as possible to the wall and simplify the installation allowing suitable tilting. The L2406-T can be used connected to a low impedance amplifier to

FEATURES

- 200 W RMS power handling
- 126 dB max SPL
- 100 ÷ 20000 Hz frequency range
- 150° x 30° constant directivity coverage angle
- 6 x 5" woofers
- 4 x 1" dome tweeters
- Baltic birch plywood cabinet
- Speech enhancer filter
- Built-in wall mounting accessories

TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response (-10dB)	100 Hz ÷ 20000 Hz
	Max SPL @ 1m	126 dB
	Horizontal coverage angle	150°
	Vertical coverage angle	30°
	Directivity index Q	9
	System Sensitivity	97 dB
Power section	Amplification	Full Range
	Nominal Impedance	8 ohm
	Power Handling	200 W
	Peak Power Handling	800 W PEAK
	Protections	Dynamic active mosfet
	Crossover Frequencies	2000 Hz
	Recommended Amplifiers	DMA 162, DMA 162P, DMA 504, DMA 82, IPS 1.5K, IPS 2.5K, QPS 6.0K
Transducers	Dome Tweeter	4 x 1.0", 1.0" v.c
	Woofer	6 x 5.0", 1.0" v.c
Input/Output section	Input connectors	Euroblock
	Constant Voltage Transformer	100 V
	Power selection 1	60 W - 167 ohm
	Power selection 2	30 W - 333 ohm
	Power selection 3	15 W - 667 ohm
	Power selection 4	10 W - 1000 ohm
Standard compliance	Safety agency	CE compliant
Physical specifications	Hardware	4 x M5 inserts
	Color	Black, White
Size	Height	826 mm / 32.52 inches
	Width	135 mm / 5.31 inches
	Depth	140 mm / 5.51 inches
	Weight	12.8 kg / 28.22 lbs
Shipping information	Package Height	994 mm / 39.13 inches
	Package Width	219 mm / 8.62 inches
	Package Depth	219 mm / 8.62 inches
	Package Weight	14.4 kg / 31.75 lbs

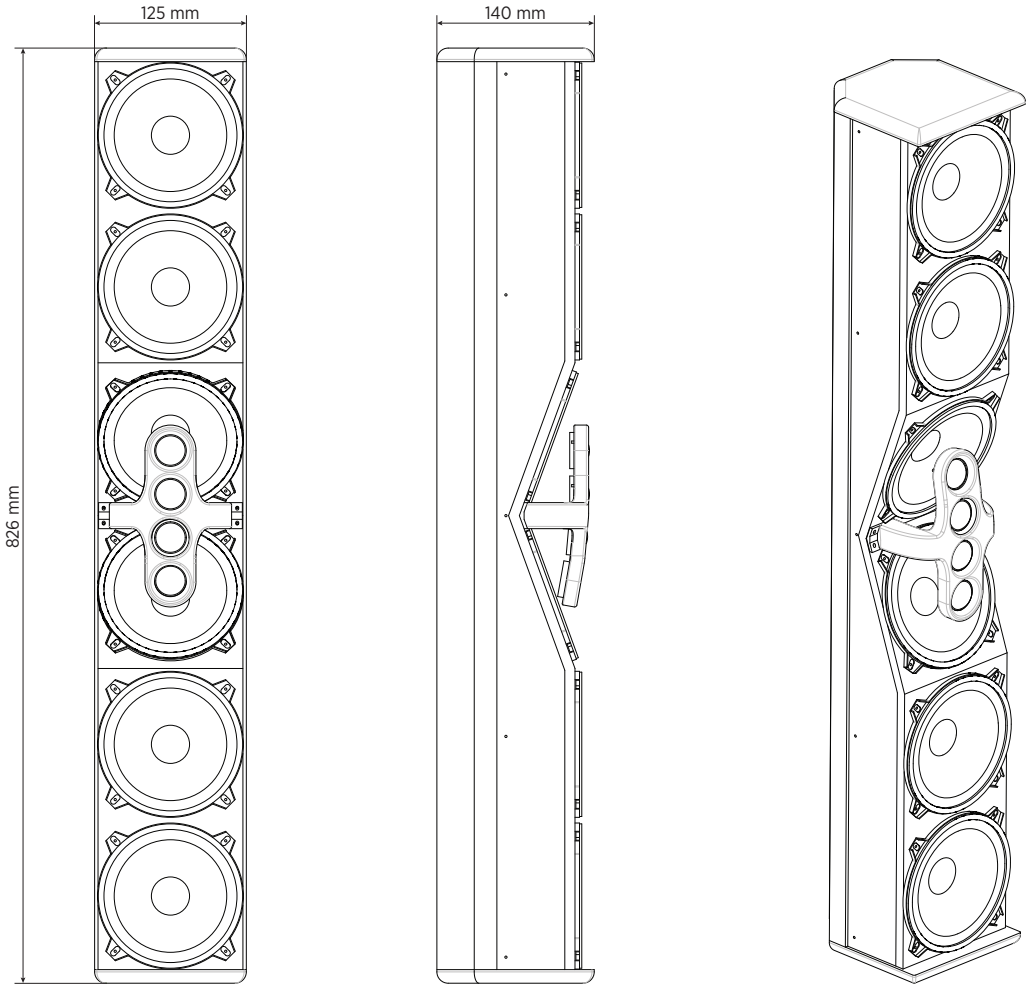
RCF products are continually improved. All specifications are therefore subject to change without notice.

PART NUMBER

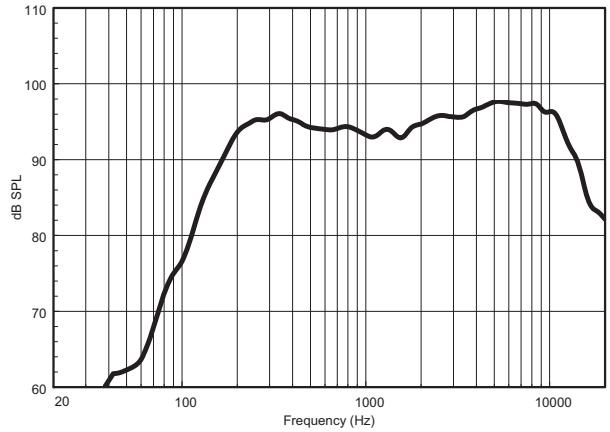
- **13000177**
  L 2406T W
  White
  EAN 8024530008536
- **13000169**
  L 2406T
  Black
  EAN 8024530008499

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

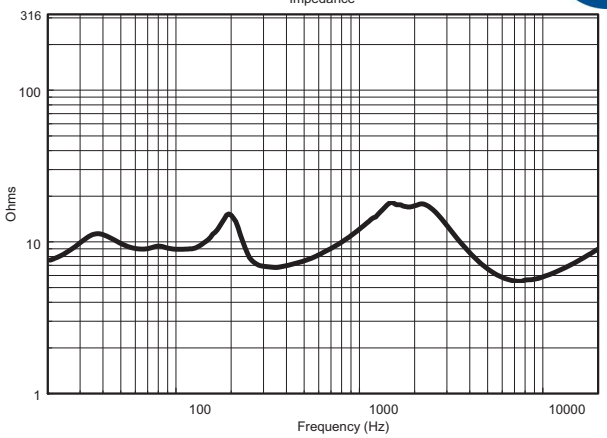
DRAWINGS



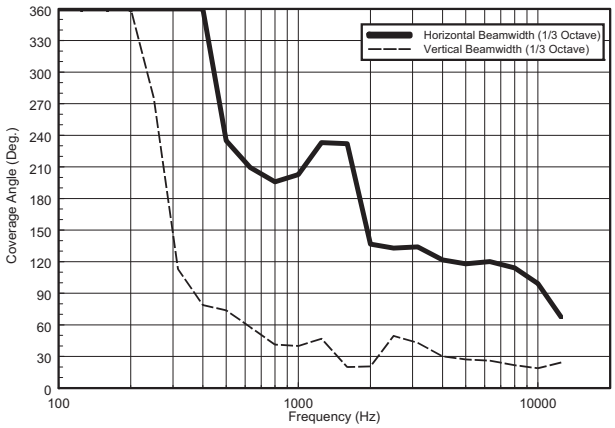
Response 1W/1m



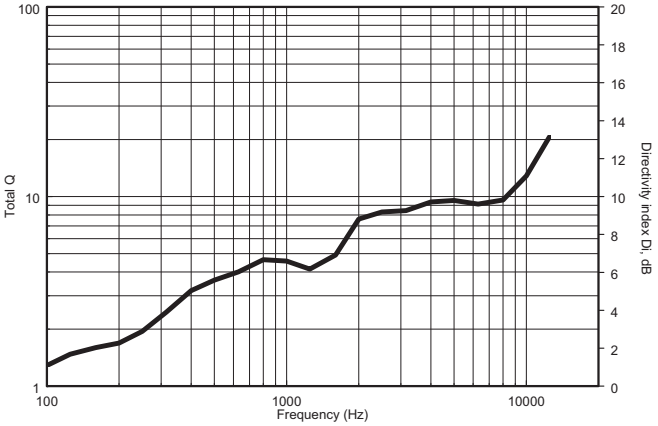
Impedance



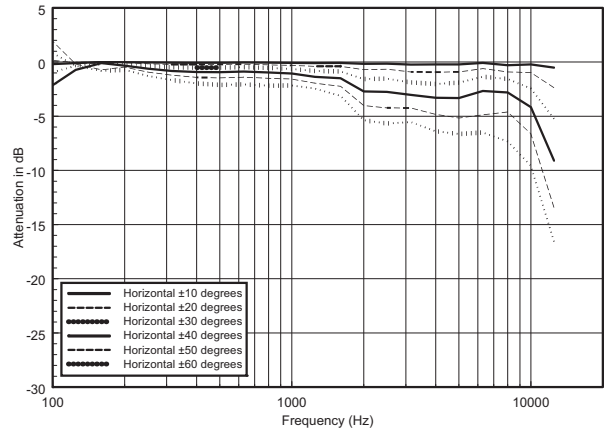
Beamwidth vs. Frequency



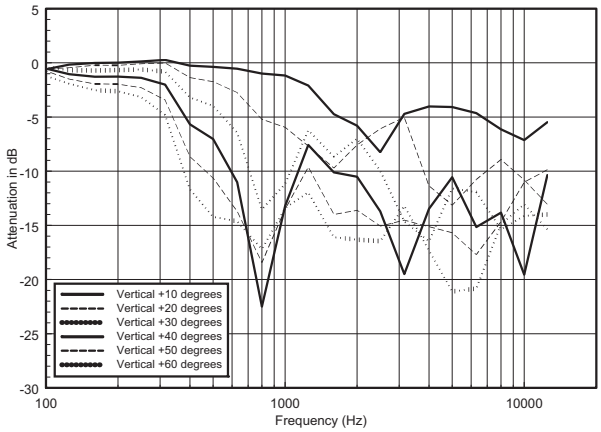
Directivity Index and Q



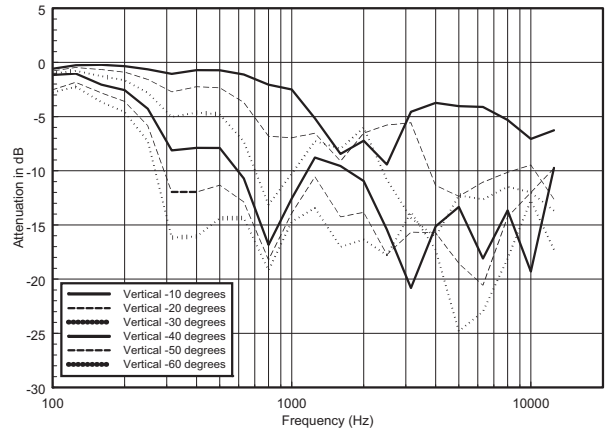
Normalized Horizontal off-axis Response



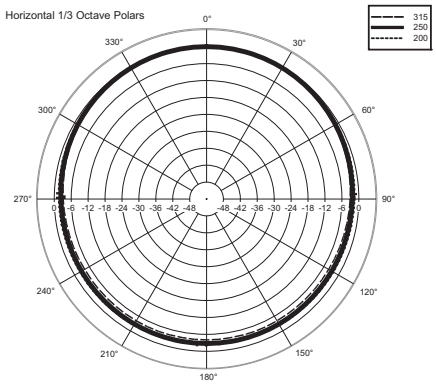
Normalized Vertical off-axis Response. Above the box



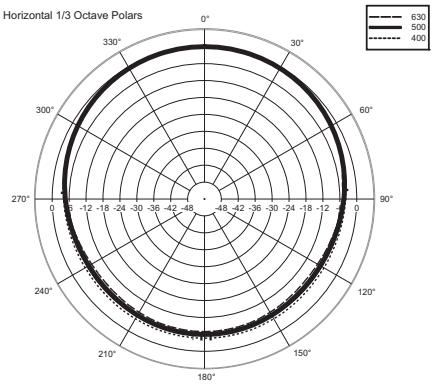
Normalized Vertical off-axis Response. Below the box



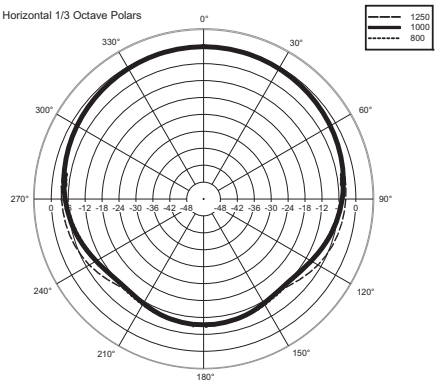
Horizontal 1/3 Octave Polars



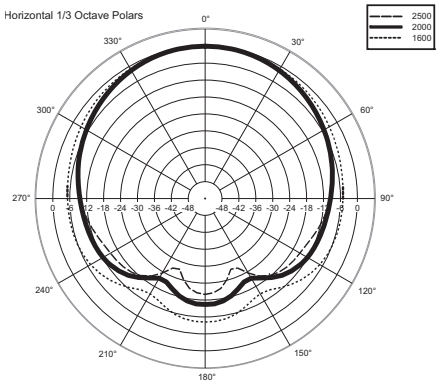
Horizontal 1/3 Octave Polars



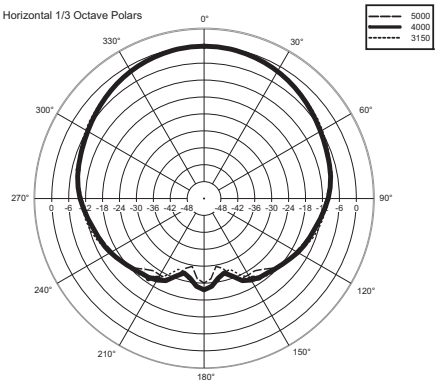
Horizontal 1/3 Octave Polars



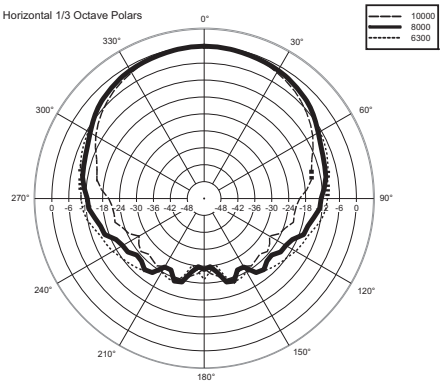
Horizontal 1/3 Octave Polars



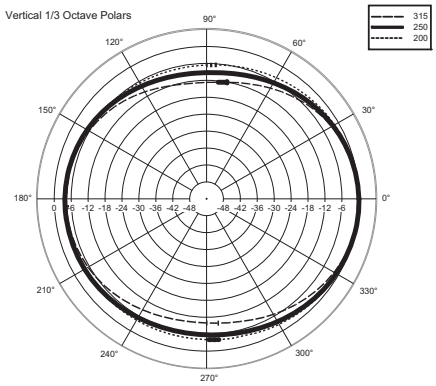
Horizontal 1/3 Octave Polars



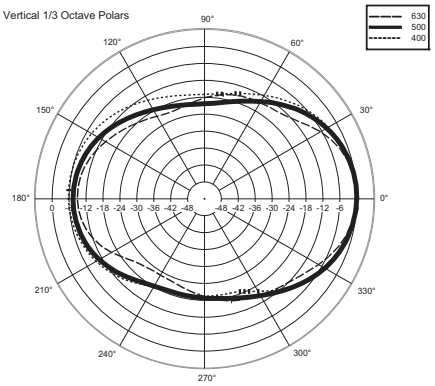
Horizontal 1/3 Octave Polars



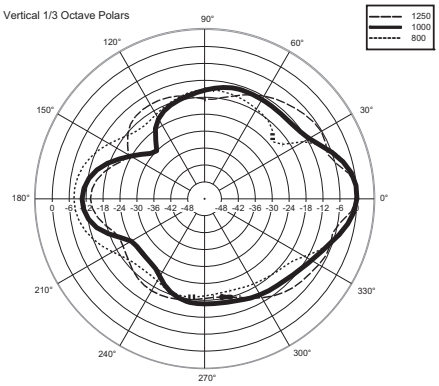
Vertical 1/3 Octave Polars



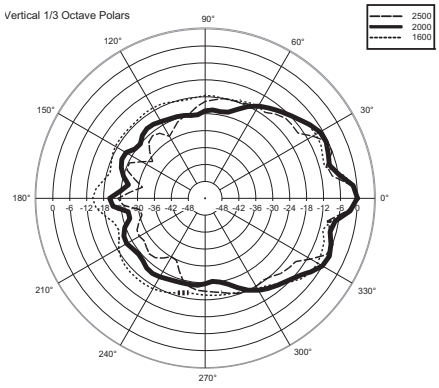
Vertical 1/3 Octave Polars



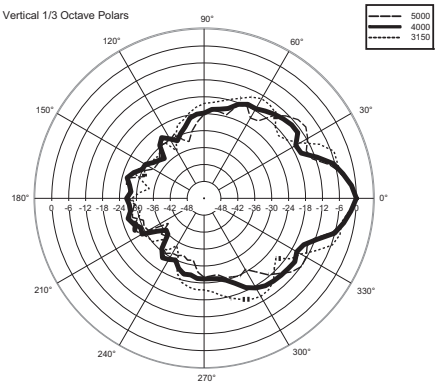
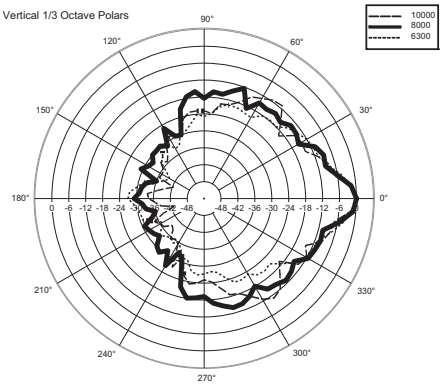
Vertical 1/3 Octave Polars



Vertical 1/3 Octave Polars



Vertical 1/3 Octave Polars



Vertical 1/3 Octave Polars