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 handle 200 W RMS power. It also includes a 60 W line transformer for 100 V systems. The crossover is equipped with a circuit to protect the four 1" dome tweeters.

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

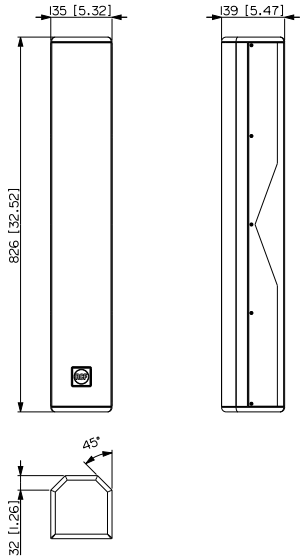
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Part Number	13000169	L 2406T	Black - RAL 9005	EAN 8024530008499
Line Art 2D	13000177	L 2406T W	White - RAL 9003	EAN 8024530008536

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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	KPS SERIES
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

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Physical specifications	Cabinet/Case Material	Baltic birch plywood
	Hardware	4 x M5 inserts
	Grille	Steel
	Color	Black - RAL 9005, White - RAL 9003
Size / Weight	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