

## PRELIMINARY SPECIFICATIONS

ENTASYS™	Full-Range 3-Way Column	Low Frequency Column
<b>Frequency Response:</b>	200 Hz to 20 kHz	200 Hz to 1 kHz
<b>Power Handling:</b>	600W RMS, 1500W PGM	600W RMS, 1500W PGM
<b>Recommended Amplifier:</b>	1200W to 1800W	1200W to 1800W
<b>Sensitivity:</b>	Curved (12°V): 93 dB Straight (6°V): 95 dB	90 dB
<b>Max SPL (single unit):</b>	Curved (12°V): 120 dB Straight (6°V): 122 dB	116 dB
<b>Nominal Impedance:</b>	12 ohms	12 ohms
<b>Typical SPL at 100 feet (30 meters):</b>	96 dB	Dependent on LF configuration
<b>Crossover Frequencies:</b>	Mid-Frequency: 1 kHz High-Frequency: 7 kHz	1.8 kHz
<b>Dispersion** (1kHz - 16kHz):</b>	Horizontal: 120° Vertical: 12° or 6° (user configurable)	Using the LF column(s) enhances pattern control at lower frequencies
<b>Driver Components:</b>	LF: Six 3.5" neodymium MF: Eighteen 2.35" HF: Forty-two 1" (or six 7" long by 1" wide patent-pending planar-coupled Compact Ribbon Emulators)	LF: Six 3.5" drivers with optimized spacing, allows extension of the narrow vertical beamwidth into the lower frequencies
<b>Baffle Form:</b>	Configurable: straight, curved, and asymmetric curve	Straight
<b>Input Connection:</b>	Top: (1) NL4-compatible locking connector; (2) terminal strip Bottom: (1) NL4-compatible locking connector; (2) terminal strip	Top: (1) NL4-compatible locking connector; (2) terminal strip Bottom: (1) NL4-compatible locking connector; (2) terminal strip
<b>Controls:</b>	User configurable vertical coverage adjustment spacers	None
<b>Supplied Accessories:</b>	Straight "flush" mounting wall-hugger bracket	Straight "flush" mounting wall-hugger bracket
<b>Required Accessories:</b>	High pass filter	High pass filter
<b>Optional Accessories:</b>	<b>ENT-PB</b> Pan Bracket Kit <b>ENT-PT</b> Pan-Tilt Bracket Kit <b>ENT-FK</b> Fly Kit <b>ENT-CB</b> Coupler Bracket <b>ENT-750T</b> 750W autoformer	<b>ENT-PB</b> Pan Bracket Kit <b>ENT-PT</b> Pan-Tilt Bracket Kit <b>ENT-FK</b> Fly Kit <b>ENT-CB</b> Coupler Bracket <b>ENT-750T</b> 750W autoformer
<b>Grille:</b>	Matching metal curved grille	Matching metal curved grille
<b>Enclosure:</b>	Aluminum construction, molded plastic end caps, inherently weather-resistant	Aluminum construction, molded plastic end caps, inherently weather-resistant
<b>Finish:</b>	Black or white; custom colors also available	Black or white; custom colors also available
<b>Height</b>	44.5 inches (1129 mm)	44.5 inches (1129 mm)
<b>Width</b>	5.5 inches (140 mm)	5.5 inches (140 mm)
<b>Depth</b>	7.36 inches (187 mm)	7.36 inches (187 mm)
<b>Weight</b>	38.5 lbs (17.4 kg)	24 lbs (10.9 kg)

\*\*The ENTASYS Full-Range Column comes from the factory in "curved" form with a 12° vertical dispersion when using a single column. Adjust the spacers to achieve 6° vertical dispersion ("straight" form) from a single Full-Range Column. The actual vertical dispersion of an ENTASYS system is configuration-dependent on the total height of the Full-Range Columns used. Using one or more Low Frequency Columns enhances pattern control at low frequencies.

## APPLICATIONS

- Houses of worship
- Auditoria, live theaters
- Gymnasiums, athletic facilities
- Convention centers, museums
- Meeting rooms and conference rooms
- Airports, train stations, stadium concourses
- Multipurpose outdoor and indoor venues
- Challenging acoustic spaces
- Architecturally sensitive environments

## FEATURES

- 3-way column line-array with true line-array performance to 16 kHz
- Modular design for versatile coverage, free of unwanted lobes
- Wide frequency range and high output level
- Highly intelligible voice reproduction and excellent musical sound quality
- Stylish, compact and unobtrusive appearance
- Weather-resistant for outdoor installation
- Available in standard black and white finishes, custom colors also available
- Simple installation using a variety of versatile mounting accessories
- Cost-effective, passive design
- Five-year warranty



## DESCRIPTION

The new ENTASYS three-way full-range column line-array loudspeaker system delivers true line-array performance in a compact weather-resistant package. Designed for permanent installation applications including auditoria, airports and train stations, conference centers, houses of worship, stadium concourses and museums, ENTASYS offers high output and high power handling capability that outperforms comparable systems, boasting multiple low frequency, midrange and high frequency drivers for consistent coverage, delivering a uniform, constant vertical beamwidth from 800 Hz to 16 kHz.

Each ENTASYS full-range column includes six low frequency neodymium drivers, eighteen 2.35-inch midrange drivers and six 7-inch long x 1-inch wide planar-coupled patent-pending Compact Ribbon Emulator (CRE) high frequency elements. ENTASYS is designed to be modular, allowing the installer to use multiple ENTASYS full-range columns and low frequency extension columns to create extremely narrow focused vertical coverage previously only possible using powered, steered arrays.



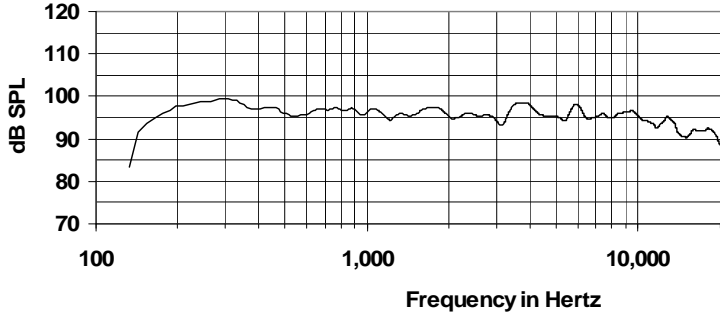
True to Specification

# ENTASYS™

HIGH-PERFORMANCE INDOOR/OUTDOOR  
COLUMN LINE-ARRAY SYSTEM

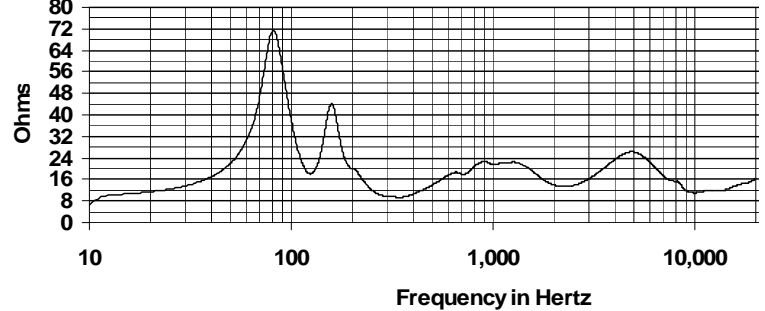
## FREQUENCY RESPONSE (1/2 SPACE)

Resolution <500 Hz = 10 Hz, >500 Hz = 40 Hz, 1/8 octave smoothing



## IMPEDANCE (SINGLE FULL-RANGE COLUMN)

Min Z 200 Hz - 20000 Hz = 9.3 Ohms @ 340 Hz



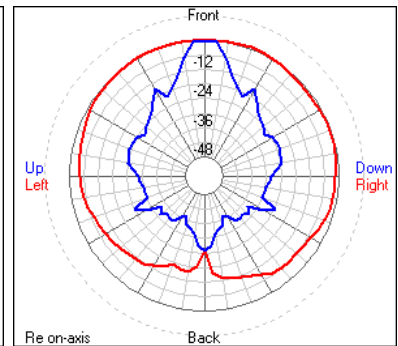
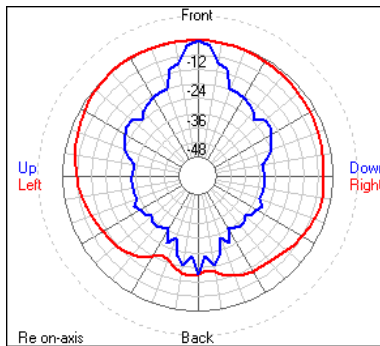
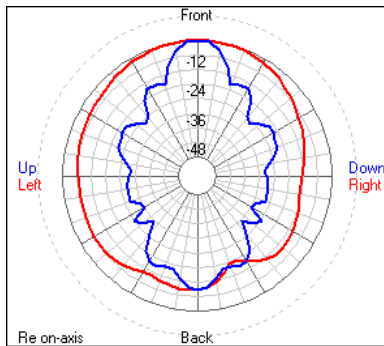
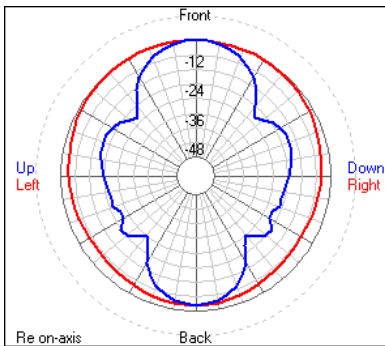
## BEAMWIDTH

500 Hz

1 kHz

2 kHz

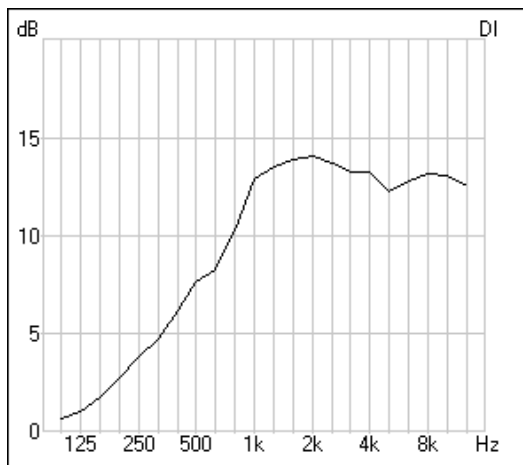
4 kHz



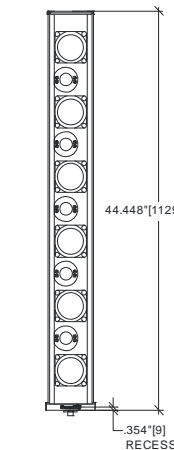
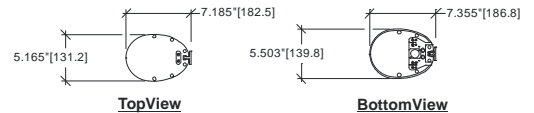
Horizontal

Vertical

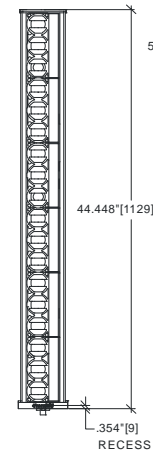
## AXIAL DIRECTIVITY INDEX



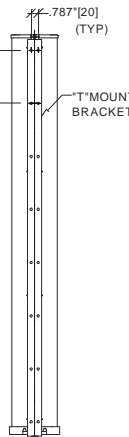
All ENTASYS systems are available in black or white.



Front View  
LF Module  
Grille Removed



Full-Range Module  
Front View  
Grille Removed



Rear View

Community strives to improve its products on a continual basis. Specifications are therefore subject to change without notice.

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ENTASYS [2008-07-02]

**Community**

INNOVATIVE DESIGN. LEGENDARY SOUND.

## ENTASYS MOUNTING BRACKETS

### ENT-PT

#### ENTASYS PAN-TILT BRACKET

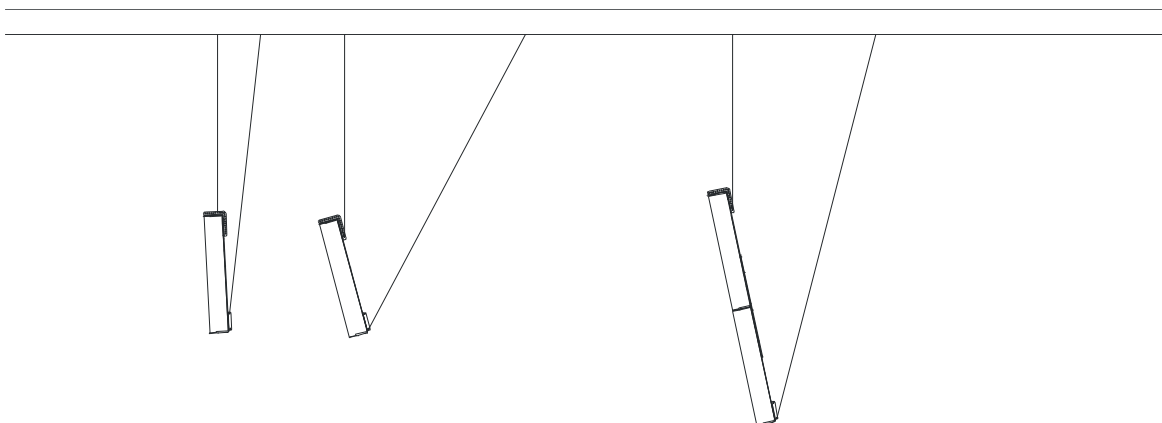
- Enables ENTASYS to pan left and right up to 160° and/or to be tilted downwards
- Use with single-columns and column-assemblies (up to 5 columns)
- 1-to-3 column-assemblies may be tilted down at up to a 10° downward tilt
- 4-to-5 column-assemblies may be tilted down at up to a 5° downward tilt
- When installing loudspeaker assemblies with two or more columns, a coupler bracket (ENT-CB) must be used to join multiple columns together
- Available in black and white



### ENT-FK

#### ENTASYS FLY KIT

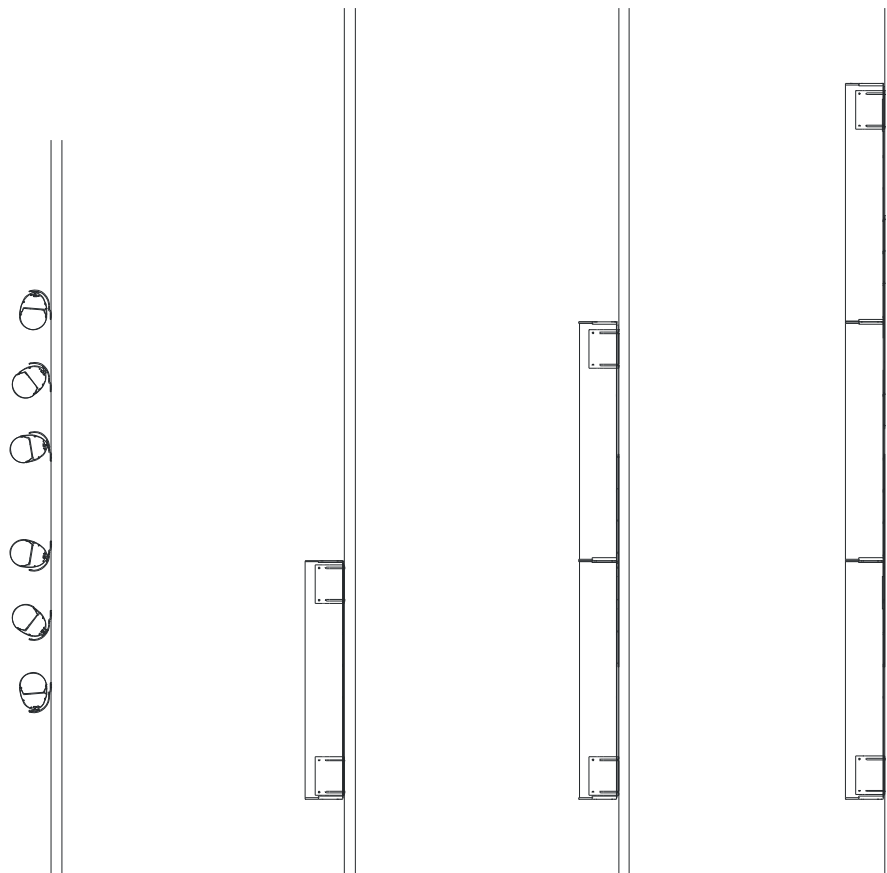
- Enables ENTASYS to be flown from the ceiling in an open space
- Accommodates zero to 180 degrees of downward tilt
- Use with single-columns and column-assemblies (up to 5 columns)
- When installing loudspeaker assemblies with two or more columns, a coupler bracket (ENT-CB) must be used to join multiple columns together
- Available in black and white



## ENT-PB

### ENTASYS PAN BRACKET

- Enables ENTASYS to pan left and right up to 160°
- Use with single-columns and column-assemblies (up to 5 columns)
- When installing loudspeaker assemblies with two or more columns, a coupler bracket (ENT-CB) must be used to join multiple columns together
- Available in black and white



**CAUTION:** Installation of loudspeakers should only be performed by trained and qualified personnel. It is strongly recommended that a licensed and certified professional structural engineer approve the mounting design.

#### WAIVER OF LIABILITY

Whenever Community Light and Sound, Inc. (CLS), dba Community Professional Loudspeakers is requested to provide advice or material regarding the design or installation of its equipment such advice or material is intended and provided for information purposes only. The advice or material is only intended to familiarize the user with various options for design, coverage and installation. User expressly agrees that CLS shall not be liable for any damages, whether in tort, contract, strict liability or otherwise consequential, incidental or otherwise to person or property as a result, directly or indirectly, of the use of any advice or material. The user of any advice or material provided by CLS assumes all risk and liability for the use thereof. Without limitation to the above, CLS does not accept liability or responsibility for the performance of any manufacturer, design, method, use, material or technique employed by the acoustic designer and/or installation company. All advice, information or material is subject to field variations and environmental conditions. All advice, information, or material given is offered on the assumption that common or standard practices for installation used in the construction trades is applied to all phases of the user's project. Actual assembly or configuration must be performed only by persons with knowledge of mechanical trades and rigging, where applicable. Any installation method must be certified by a Professional Engineer licensed in the state in which assembly or configuration is located.