

SPECIFICATIONS

All ENTASYS performance data was collected by an independent testing lab. Community is dedicated to providing our customers with honest, real-world specifications data.

ENTASYS™	ENT-FR Full-Range 3-Way Column	ENT-LF Low Frequency Column
Frequency Response:	200 Hz to 20 kHz	200 Hz to 1.6 kHz
Power Handling:	600W RMS, 1500W PGM	600W RMS, 1500W PGM
Recommended Amplifier:	1200W to 1800W	1200W to 1800W
Sensitivity:	Curved (12°V): 93 dB Straight (6°V): 95 dB	90 dB
Max SPL (single unit):	Curved (12°V): 120 dB Straight (6°V): 122 dB	116 dB
Nominal Impedance:	12 ohms	12 ohms
Typical SPL at 100 feet (30 meters):	96 dB	Dependent on LF configuration
Crossover Frequencies:	Mid-Frequency: 1 kHz High-Frequency: 7 kHz	1.6 kHz Low-Pass
Nominal Dispersion** (1kHz - 16kHz):	Horizontal: 120° Vertical: 12° or 6° (user configurable)	Using the LF column(s) enhances vertical pattern control at lower frequencies
Driver Components:	LF: Six 3.5" neodymium MF: Eighteen 2.35" HF: Forty-two 1" (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
Baffle Form:	Configurable: straight, curved, and asymmetric curve	Straight
Input Connection:	Top: (1) Dual Banana (male) Bottom: (1) NL4 locking connector (2) Terminal strip (1) Banana (female)	Top: (1) Dual Banana (male) Bottom: (1) NL4 locking connector (2) Terminal strip (1) Banana (female)
Controls:	None	None
Supplied Accessories:	(1) T-Bar mounting bracket (1) Input wiring cover (1) Top Connector Cover User configurable vertical coverage adjustment spacers	(1) T-Bar mounting bracket (1) Input wiring cover (1) Top Connector Cover
Required Accessories:	Digital Signal Processor / 200 Hz High Pass Filter	Digital Signal Processor / 200 Hz High Pass Filter
Optional Accessories:	ENT-PB Pan Bracket Kit ENT-PT Pan-Tilt Bracket Kit ENT-FK Fly Kit ENT-CB Coupler Bracket ENT-750T 750W autoformer	ENT-PB Pan Bracket Kit ENT-PT Pan-Tilt Bracket Kit ENT-FK Fly Kit ENT-CB Coupler Bracket ENT-750T 750W autoformer
Grille:	Matching black or white metal curved grille	Matching black or white metal curved grille
Enclosure:	Aluminum construction, molded nylon end caps	Aluminum construction, molded nylon end caps
Finish:	Black, white or custom colors	Black, white or custom colors
Height	44.5 inches (1129 mm)	44.5 inches (1129 mm)
Width	5.5 inches (140 mm)	5.5 inches (140 mm)
Depth	7.36 inches (187 mm)	7.36 inches (187 mm)
Weight	40 lbs (18.1 kg)	25 lbs (11.3 kg)

The ENTASYS Full-Range Column is shipped from the factory in "CURVED" configuration with a nominal 12° vertical dispersion. For further information on dispersion with different system configurations, reference the **Community ENTASYS Application Guide at www.communitypro.com.

APPLICATIONS

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

FEATURES

- 3-way column line-array with true line-source 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 or white finishes
- Custom color options
- Simple installation using a variety of versatile mounting accessories
- Integrated T-Bar mounting bracket included with each column
- Cost-effective, passive design
- Five-year warranty



DESCRIPTION

The ENTASYS column line-array system delivers true line-source 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 forty-two 1" HF drivers contained within 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 column line-arrays.

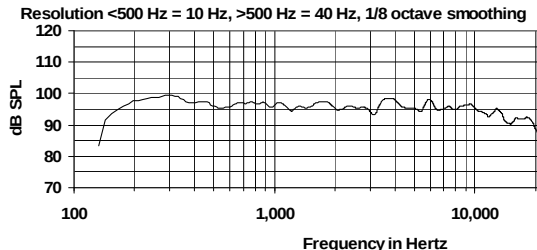


True to Specification

ENTASYS™

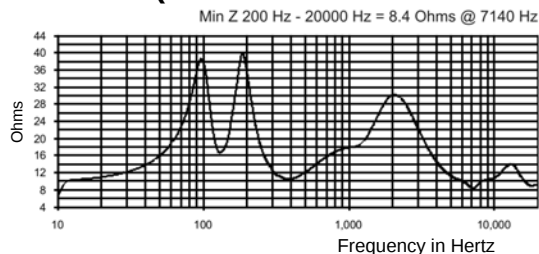
HIGH PERFORMANCE COLUMN LINE-ARRAY SYSTEM

FREQUENCY RESPONSE (1/2 SPACE)

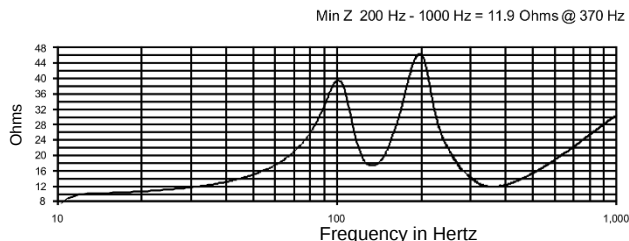


With recommended Digital Signal Processing
(contact Community's TAG Team for settings)

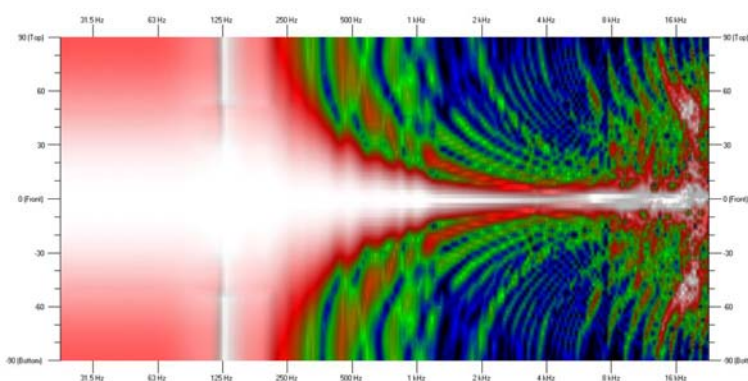
IMPEDANCE (SINGLE FULL-RANGE COLUMN)



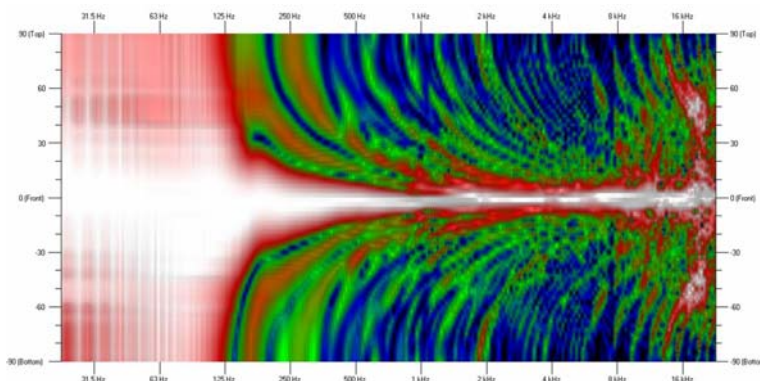
IMPEDANCE (LOW FREQUENCY COLUMN)



VERTICAL DIRECTIVITY

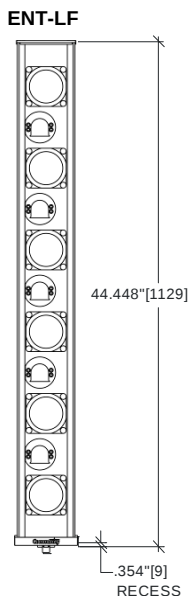
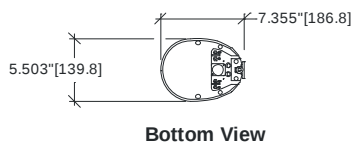
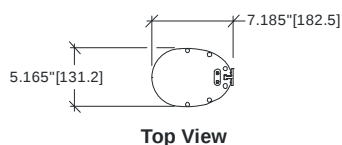


ENT-FR: SINGLE FULL-RANGE
(1/24 Octave Resolution)

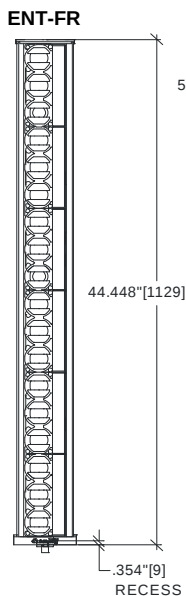


ENT-FR + ENT-LF + ENT-LF:
(1) FULL-RANGE, (2) LOW FREQUENCY
(1/24 Octave Resolution)

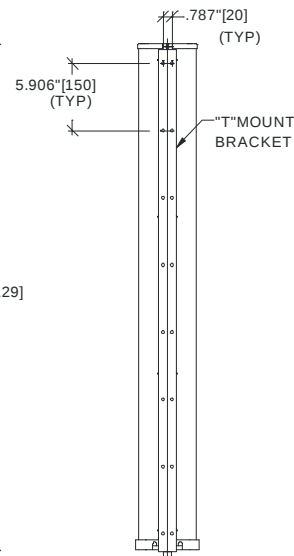
DIMENSIONS



Front View
LF Module
Grille Removed



Front View
Full-Range Module
Grille Removed



Rear View



All ENTASYS systems are available in standard black or white. Custom color options are also available as special order items at an additional fee.

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

communitypro.com

ENTASYS [12DEC2009]

Community

INNOVATIVE DESIGN. LEGENDARY SOUND.

ENTASYS™ - OPTIONAL MOUNTING BRACKETS

ENT-PT

ENTASYS PAN-TILT BRACKET

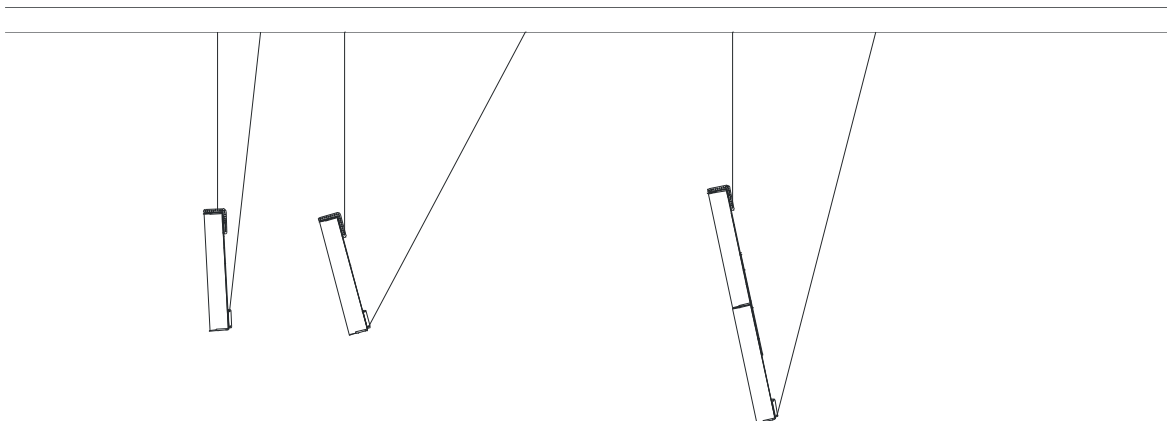
- Enables ENTASYS to pan left and right up to 160° and/or to be tilted downwards
- Use with single-columns and column-assemblies (up to 5 columns)
- 1-to-3 column-assemblies may be tilted down at up to a 10° downward tilt
- 4-to-5 column-assemblies may be tilted down at up to a 5° downward tilt
- When 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

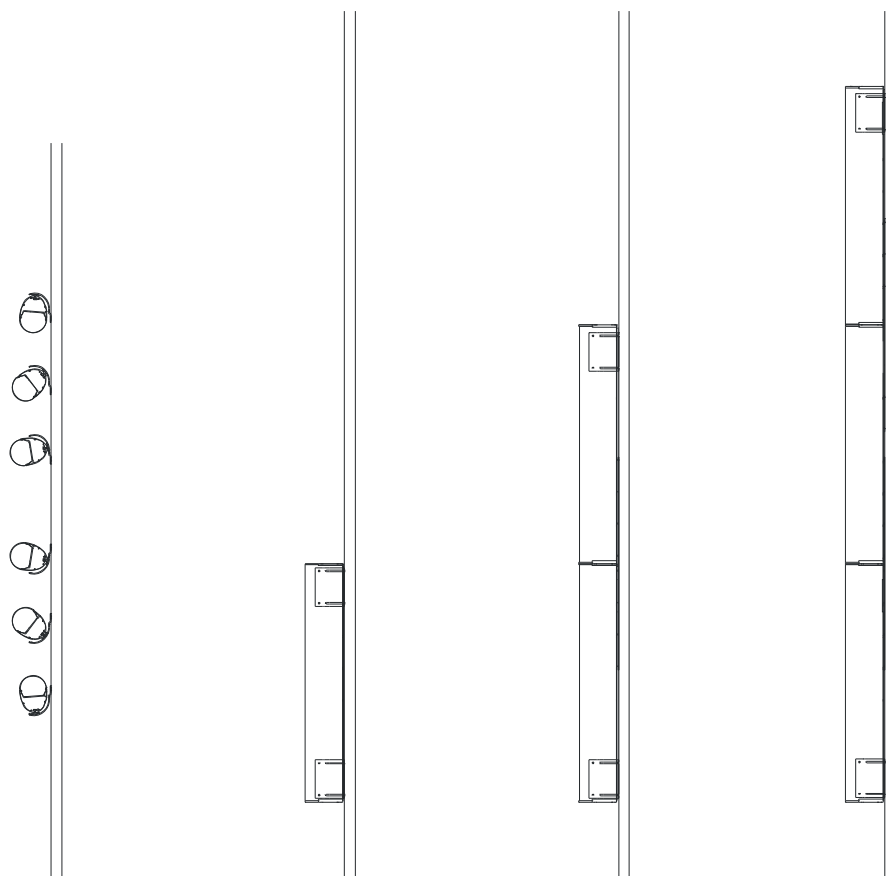
- Enables ENTASYS to be flown from the ceiling in an open space
- Use with single-columns and column-assemblies (up to 5 columns)
- When installing loudspeaker assemblies with two or more columns, a coupler bracket (ENT-CB) must be used to join multiple columns together
- Available in black and white



ENT-PB

ENTASYS PAN BRACKET

- Enables ENTASYS to pan left or right up to 80°
- 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.



Application Solutions

ENTASYS™

HIGH PERFORMANCE COLUMN LINE-ARRAY SYSTEM

ARCHITECTURAL SPECIFICATIONS

ENTASYS FULL-RANGE COLUMN (ENT-FR)

The loudspeaker system shall be a three-way, full-range column line-array system with six 3.5-inch (89mm) neodymium low frequency drivers, eighteen 2.35-inch (60mm) mid-range drivers and forty-two 1-inch (25mm) high frequency drivers contained within six 7-inch long x 1-inch wide (178mm long x 25mm wide) planar-coupled patent-pending Compact Ribbon Emulator (CRE) high frequency elements. The mid-range and high frequency drivers shall be connected to integral crossovers with a crossover frequency of 1 kHz and 7 kHz respectively. There shall be two 2-terminal barrier strips, one NL4-compatible locking connector and male and female banana connectors. The loudspeaker enclosure shall be of extruded aluminum construction with molded nylon end caps in a black or white powder coat finish. The front of the enclosure shall be fitted with a matching black or white metal curved grille. The system shall have an amplitude response of 200 Hz to 20 kHz, input capability of 85V RMS / 12 ohms nominal impedance. The nominal dispersion of the loudspeaker system shall be configurable by the installation contractor at either 120°H x 12°V (curved baffle) or 120° H x 6°V (straight baffle) from 1 kHz to 16 kHz. The sensitivity at one meter shall be 93 dB when the vertical dispersion is adjusted to 12 degrees, and 95 dB when the vertical dispersion is adjusted to 6 degrees. The loudspeaker shall be 44.5 inches (1129 mm) high x 5.5 inches (140 mm) wide x 7.36 inches (187 mm) deep and weigh 38.5 lbs (17.4 kg). The loudspeaker shall be the Community ENTASYS ENT-FR.

ENTASYS LOW FREQUENCY EXTENSION COLUMN (ENT-LF)

The loudspeaker system shall be a low frequency device with six 3.5-inch (89mm) neodymium low frequency drivers with optimized spacing, designed to be used in conjunction with a full-range column line-array device to allow extension of the loudspeaker array system's narrow vertical beamwidth into the lower frequencies. The drivers shall be connected to an integral crossover with a crossover frequency of 1.6 kHz. There shall be two 2-terminal barrier strips, one NL4-compatible locking connector and male and female banana connectors. The loudspeaker enclosure shall be of extruded aluminum construction with molded nylon end caps in a black or white powder coat finish. The front of the enclosure shall be fitted with a matching black or white metal curved grille. The system shall have an amplitude response of 200 Hz to 1.6 kHz, input capability of 85V RMS / 12 ohms nominal impedance, and 90 dB sensitivity at one meter. The loudspeaker shall be 44.5 inches (1129 mm) high x 5.5 inches (140 mm) wide x 7.36 inches (187 mm) deep and weigh 24 lbs (10.9 kg). The loudspeaker shall be the Community ENTASYS ENT-LF.