

**ALL-PURPOSE 5.25"
TWO-WAY COMPACT
LOUDSPEAKER
SYSTEM**



The little speaker with the big sound! Ideal for applications where "tight space" under-eave, wall or ceiling mounting is required. The CA-5T full range loudspeaker includes everything you need for fast and easy installation. The durable UV-resistant all-weather enclosure includes an internal multi-tap transformer to simplify hookup to any system. The C-bracket assembly attaches to the enclosure's integral "center-of-gravity balanced" threaded studs and oversized knobs, ensuring a positive position-lock. A security retainer allows for wiring to a second mounting point, guarding against dislodging or tampering.

Designed for distributed audio applications, the compact high-fidelity system is equally at home in outdoor or indoor background music and paging applications, in both commercial and recreational environments. For application flexibility, the internal multi-tap transformer includes an easily adjusted bypass switch, allowing direct full range connection for 8 ohm operation.

Enclosure signal connections are accomplished through a 5-way binding post.

For efficiency and reliability, the CA-5T consist of a high power 5.25" weather-resistant woofer and a 1" polymer diaphragm compression driver on a molded Tractrix Horn. A unique feature of the 90° x 60° horn assembly is its ability to be repositioned 90°, providing selectable pattern control.

Power handling and performance efficiency are superb at 75 watts continuous and 94dB sensitivity, with a maximum output of 109dB.

The paintable ABS enclosure is available in black or white finishes, and features all stainless steel hardware and a removable aluminum powder-coated grille for years of maintenance-free duty, no matter the climate or environment.

CA - 5 T



- Compact UV- and weather-resistant full range design
- Adjustable 90° x 60° Tractrix® Horn for flexible pattern control
- Internal 30 W multi-tap transformer with 8 ohm bypass
- Stainless steel hardware and aluminum powder-coated grille
- White or black enclosure paintable to match decor
- 94dB sensitivity, 109dB maximum output (1 meter)
- Only 8.625" x 12" x 8.875" and 10 lbs.

Specifications

FREQUENCY RESPONSE ¹	70Hz-20kHz±4dB
POWER HANDLING ²	75 W (17V)
MAXIMUM CONTINUOUS OUTPUT ³	109dB
SENSITIVITY ⁴	94dB
TRANSFORMER TAPS	70V: 30W, 15W, 7.5W 100V: 30W, 15W Thru Position: 8 ohms
HORIZONTAL COVERAGE	60°±40 3000Hz-20kHz
VERTICAL COVERAGE	80°±40 1600Hz-20kHz
DIRECTIVITY	8±3dB 900Hz-20kHz
NOMINAL IMPEDANCE	8 ohms nominal (3.8 min @ 260Hz)
CROSSOVER FREQUENCY	2.7kHz
COMPONENTS	One K-1109-A 5.25" woofer One K-117-A 1" polymer diaphragm compression driver
INPUT CONNECTORS	5-way binding posts
ENCLOSURE MATERIAL	All-weather ABS plastic
HEIGHT	8.625" (21.9cm)
WIDTH	12" (30.48cm)
DEPTH	8.875" (22.54cm)
NET WEIGHT	10 lbs. (4.54kg)
SHIPPING WEIGHT	24 lbs. (10.89kg)
FINISHES	White or Black
ACCESSORIES	C-Bracket (included), CAsSecurity Kit

¹3M, Half-space anechoic

²AES Standard, continuous pink noise 50Hz-10kHz, 6dB peaks

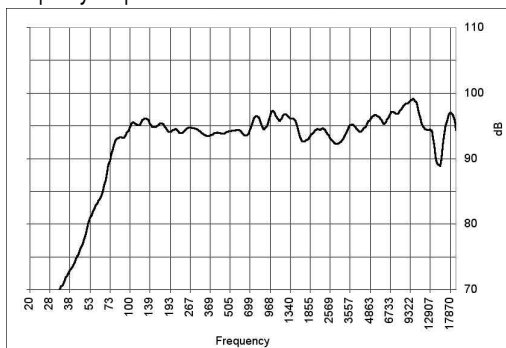
³Calculated at 1M at power handling power input

⁴SPL at 1M, half-space anechoic with 2.83V input

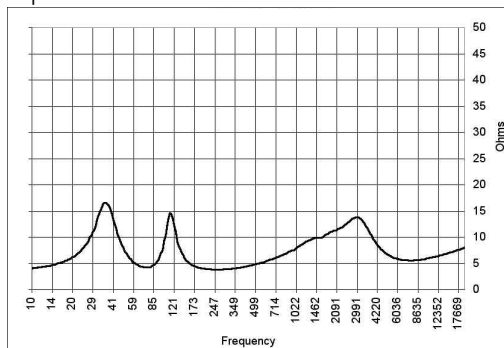
CA-5T

COMPACT 5.25" TWO-WAY SPEAKER SYSTEM

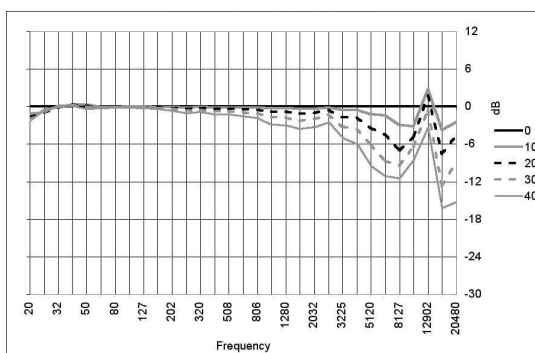
Frequency Response



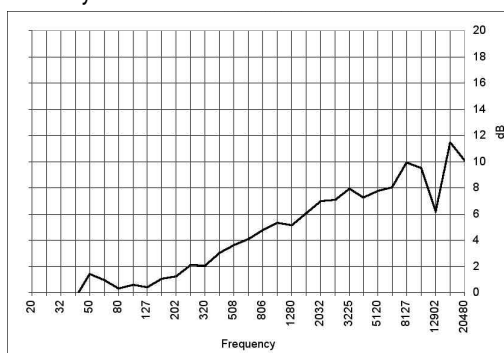
Impedance



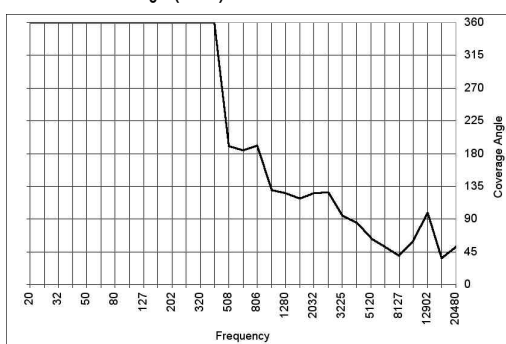
Horizontal Off-Axis Transfer Function



Directivity Index



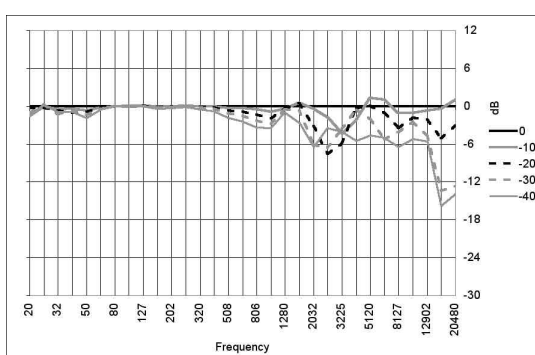
Horizontal Coverage (-6dB)



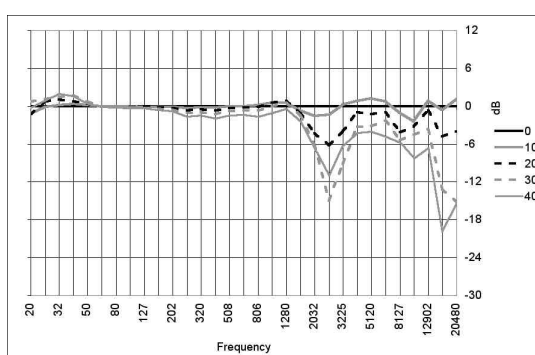
Vertical Coverage (-6dB)



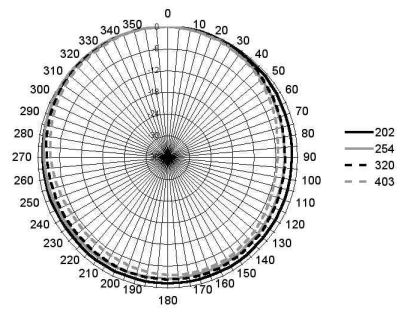
Vertical Off-Axis Transfer Function UP



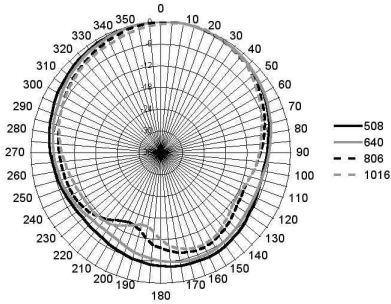
Vertical Off-Axis Function DOWN



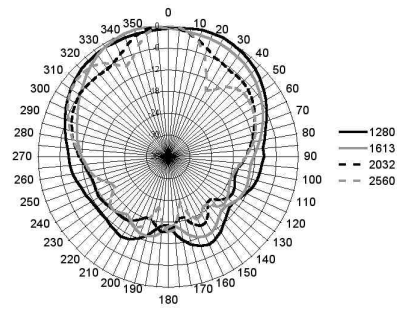
Vertical $\frac{1}{3}$ Octave Polars



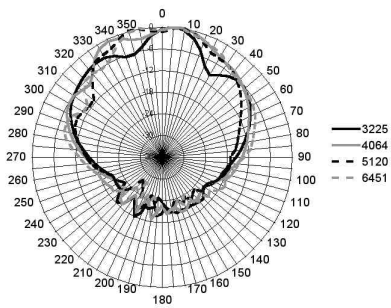
— 202
— 254
- - 320
- - 403



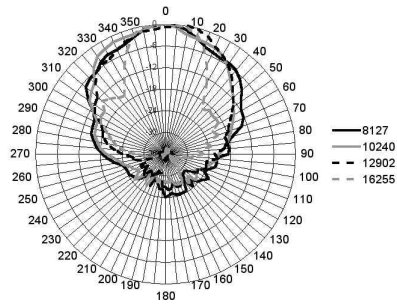
— 508
— 640
- - 806
- - 1016



— 1280
— 1613
- - 2032
- - 2560

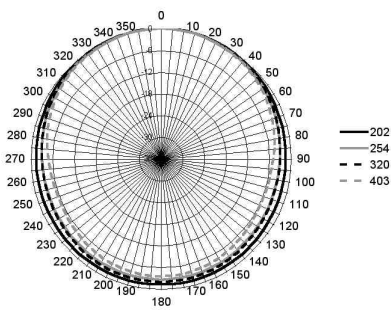


— 3225
— 4064
- - 5120
- - 6451

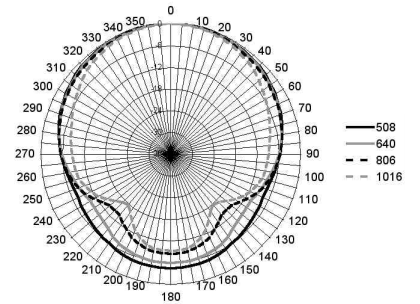


— 8127
— 10240
- - 12902
- - 16255

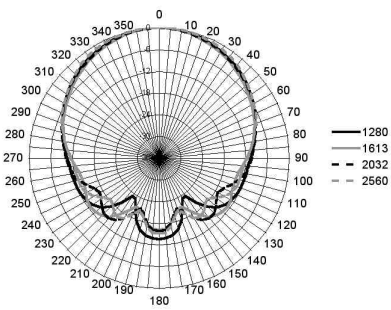
Horizontal $\frac{1}{3}$ Octave Polars



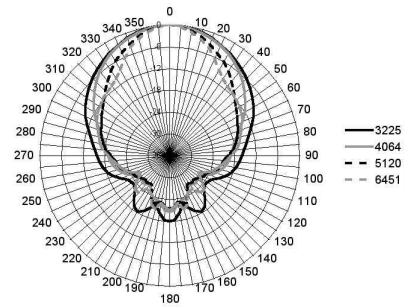
— 202
— 254
- - 320
- - 403



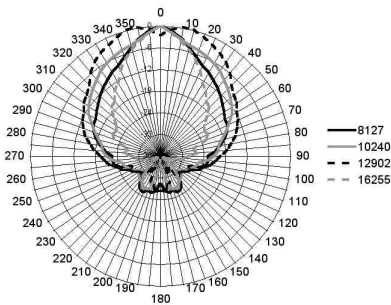
— 508
— 640
- - 806
- - 1016



— 1280
— 1613
- - 2032
- - 2560



— 3225
— 4064
- - 5120
- - 6451



— 8127
— 10240
- - 12902
- - 16255

Architectural Specifications

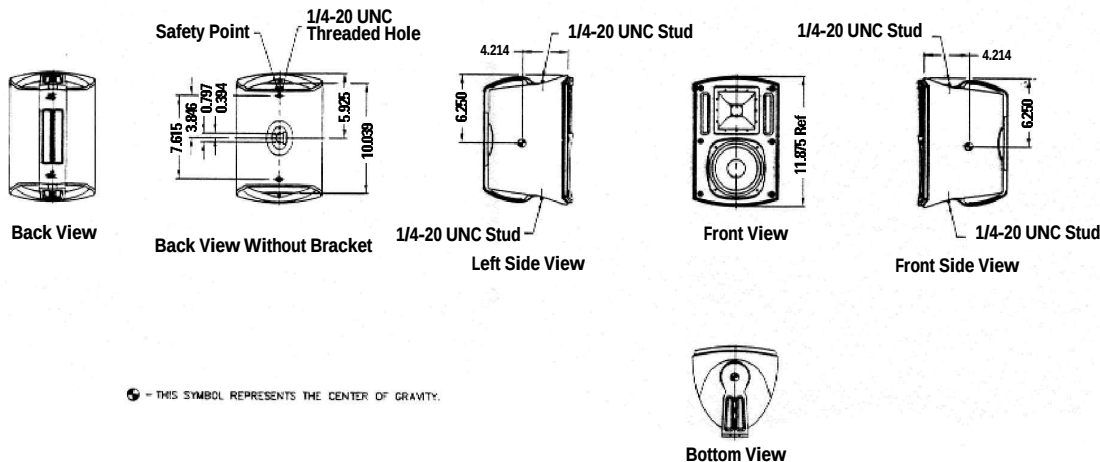
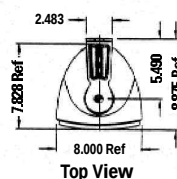
The CA-5T all-purpose two-way compact loudspeaker system shall include a 5.25" (13.34cm) K-1109-A woofer and a 1" (2.54cm) K-117-A polymer diaphragm compression driver mounted on a Tractrix Horn. Signal shall be provided to the transducers via a passive internal frequency dividing network, with a 2.7kHz crossover frequency. The enclosure tuning shall be dual port bass reflex.

Frequency response shall be 70Hz to 20kHz, ± 4 dB, with the -10dB down point at 60Hz, measured at one meter, half space anechoic. The dispersion angle shall be 90° by 60° nominal (refer to graph). Sensitivity shall be 94dB SPL, measured at one meter, half space anechoic, with a 2.83V input. Power handling shall be 75 watts (17volts), to AES standards, continuous pink noise, 50Hz to 10kHz, 6dB peaks. Calculated maximum continuous output at one meter shall be 109dB SPL. Nominal impedance shall be 8 ohms, with a 3.8 ohm minimum at 260Hz. Full-range connections shall be made via 5-way binding posts.

A removable powder-coated aluminum grille shall be provided for protection of the transducers from tampering or damage. The enclosure shall be UV- and weather-resistant ABS plastic, available in black or white, with dimensions of 8.625" (21.9cm) high by 12" (30.48cm) wide, by 8.875" (22.54cm) deep. Net weight shall be 10 lbs. (4.54kg).

Mounting shall be via protruding stainless steel threaded studs on the side enclosure panels, mating to large external knobs for positive attachment to the C-shaped mounting bracket (included).

The system shall be a Klipsch CA-5T loudspeaker.



3502 Woodview Trace, Suite 200 • Indianapolis, IN 46268
137 County Road 278 • Hope, AR USA71801
1-888-600-5776 • www.klipsch.com