



RENKUS-HEINZ

CT SERIES 15" LF Enclosure

CT8LO



Shown without metal grille

Fully Horn Loaded 15" LF Enclosure

The CT8LO's fully horn loaded, low frequency enclosure was developed as a companion to other CT8 Series loudspeakers in large-venue, high-level entertainment systems.

It provides high definition bass with excellent directivity and outstanding transient response from a 40° trapezoidal cabinet that is a perfect match for other CT8 series loudspeakers.

Heavy Duty 15" Woofer

The heavy duty 15" woofer used in the CT8LO features a 4" edge-wound, copper-ribbon voice coil, weather resistant paper cone and massive magnetic structure in a long-throw design that assures linear movement even at high power levels. It easily handles 1400 Watts of program power.

Heavy Duty Enclosure

The CT8LO's enclosure is ruggedly constructed from 13-ply hardwood to withstand the abuse it will receive in portable applications. It is rigidly braced and lined with fiberglass to suppress resonances and rattles and to assure low-distortion, high-level performance. A heavy-gauge perforated steel grille provides further protection from damage.

FULLY HORN LOADED LF ENCLOSURE

provides 137 dB peak SPL low frequency performance

HIGH POWER 15" WOOFER

with massive motor structure easily handle 1400 watts of program power

HEAVY-DUTY ENCLOSURE

is constructed from 13-ply hardwood and rigidly braced to eliminate rattles and withstand abuse

40° TRAPEZOIDAL CABINET

has the same footprint as other CT8 Coherent Topology series enclosures.

CHOICE OF RIGGING METHODS

choose between Aeroquip track fittings and 12-point universal mounting hardware.

CHOICE OF FINISHES

choose between durable black carpet, black or white paint or natural finishes

TRAP (TRue Array Principle) Design

The CT8LO features a 40° trapezoidal cabinet that has the same footprint as other CT8 series cabinets. This allows it to be used with other CT8 series loudspeakers in TRAP (TRue Array Principle) arrays. TRAP arrays represent a major step forward in cluster design by assuring coincident acoustic centers for all cabinets in tight-packed arrays. In an array, each module combines smoothly with the adjacent module(s) and adds 40° to the horizontal coverage.

Custom Flexibility

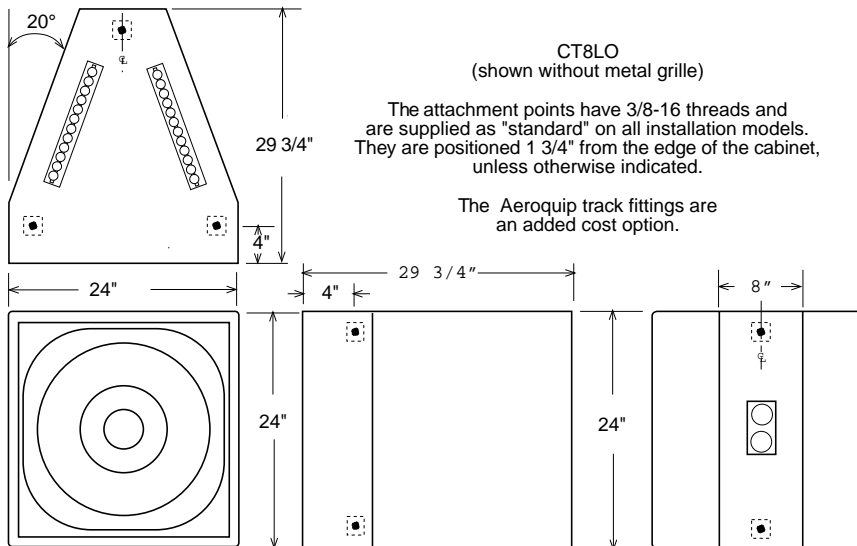
The CT8LO is available for either portable use or for permanent installations. Portable models are normally carpeted in black and provided with handles and Neutrik connectors. Fixed installation models are usually painted black and supplied with screw terminals and universal mounting hardware in place of the handles and connectors. The universal mounting hardware provides twelve 3/8-16 attachment points that allow the CT8LO to be easily flown in any plane.

Top and bottom mounted Aeroquip track fittings are available as an added cost option. Optional finishes include white paint, black carpet and "natural" (unfinished) to allow customizing. Weather resistant models are also available.

CT8LO TECHNICAL SPECIFICATIONS
Specifications subject to change without notice

SENSITIVITY:	103 dB (1w/1m) @ 300 Hz	GRILLE:	Perforated metal grille with moisture resistant foam insert
MAXIMUM SPL:	134 dB program 137 dB peak	FINISH OPTIONS:	Black, white or custom color paint, black carpet, natural, weather resistant
FREQUENCY RESPONSE:	60 Hz to 350 Hz	HARDWARE OPTIONS:	3/8-16 12-point univ. mtg. hdw., Aeroquip track (top & bottom), handles
LOW FREQUENCY DRIVERS:	SSL15-7, 15" cone driver, 700 Watts RMS, 1400 Watts program	DIMENSIONS:	24 " H x 24" W x 29 3/4" D (61 cm x 61 cm x 75.6 cm)
POWER RATING:	1400 Watts program power @ 8 Ohms, 700 Watts RMS	NET WEIGHT:	121 Lbs. (54.9 Kg)
CONNECTOR OPTIONS :	4-pin Neutrik, screw terminals	ASSOCIATED EQUIPMENT:	R-H System Specific power amplifiers and Loudspeaker Specific processor modules, X series controllers, D26A digital processor.
ENCLOSURE:	13 ply hardwood, heavily braced		

DIMENSIONAL INFORMATION



NOTE:
 For more detailed dimensional information, please refer to the 2D/3D drawing files on our web site or to the R-H Configurator.

ARCHITECTS AND ENGINEERS SPECIFICATIONS

The loudspeaker shall be a Renkus-Heinz Model CT8LO or approved equal 15" low frequency enclosure.

The 15" woofer shall have been designed specifically for use in high power low frequency enclosures. It shall have 4" edge wound voice coils with long excursion characteristics, a rigid cast-alloy frame and weather resistant treated paper cone.

Each woofers power handling capacity shall be no less than 700 Watts RMS @ 8 Ohms (1400 Watts program); sensitivity shall be no less than 103 dB @ 1w,1m. Maximum program SPL shall be at least 134 dB with a peak rating of 137 dB. Frequency response shall be 60 Hz to 350 Hz.

The enclosure shall be trapezoidal in shape and constructed from 13 ply birch, heavily braced and lined with fiberglass to suppress resonances. It shall be no larger than 24" high and 24" wide, and be no deeper than 29 3/4", and weigh no more than 121 Lbs.

A matching perforated metal grille backed with protective foam shall be included. The finish shall be (black carpet) (black paint) (white paint) (natural) (weather resistant). Connectors shall be (4-pin Neutrik) (screw type terminals). [The enclosure shall be equipped with (handles) (universal mounting hardware offering 12 3/8-16 attachment points) (Aeroquip track fittings top and bottom mounted).]

