

LARES

L A R E S L C F - 4 9 9 L O U D S P E A K E R

The LARES LCF-499 is a full range, high output, three way loudspeaker that provides excellent power uniformity and output capacity. It is designed for high ceilings, stages, outdoor applications, and situations where greater overall LARES power output is required.

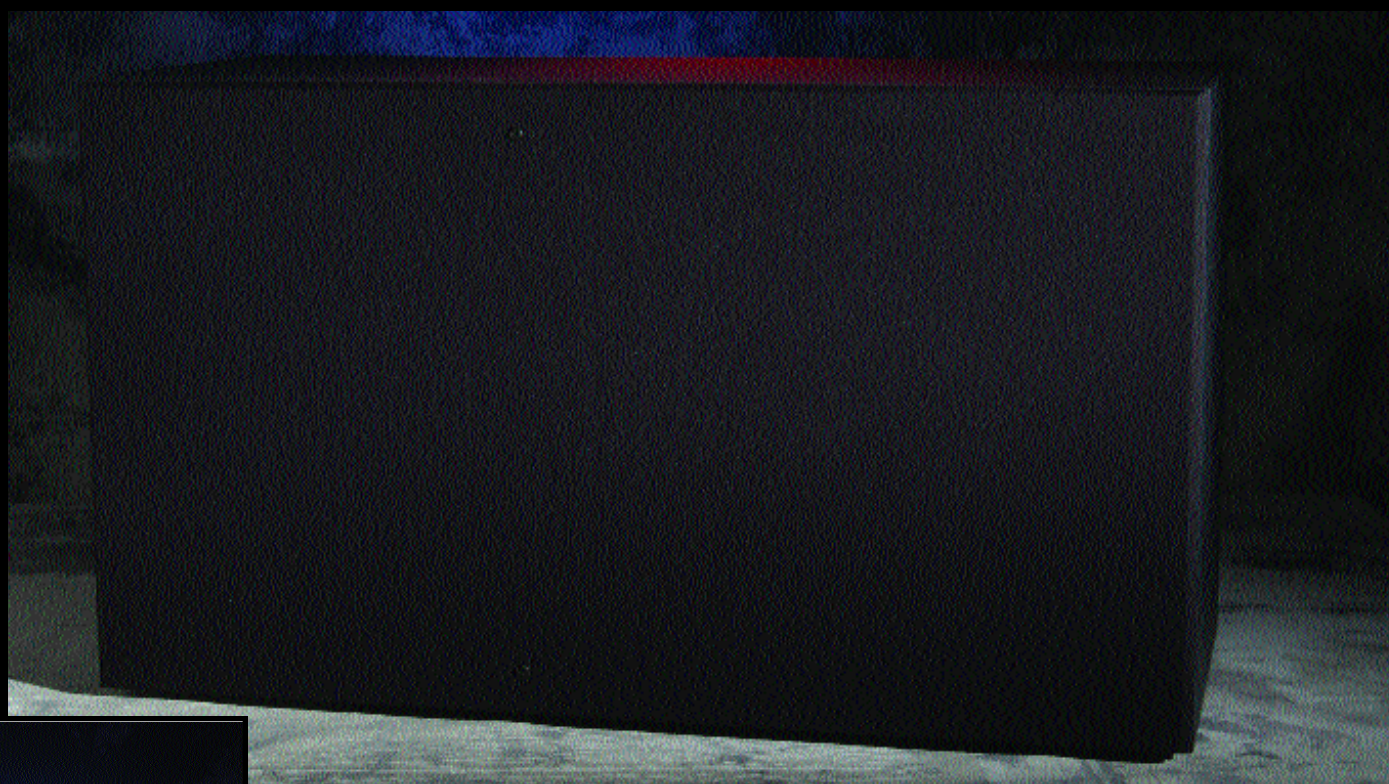
The LARES LCF-499 is unique in its use of horns for mid and high frequency sections. They behave acoustically as a single device, resulting in a crossover transition that is seamless at any angle. This feature is essential in maintaining power uniformity over the widest possible range of frequencies. The HF horn incorporates a new multi-transitional shape that eliminates high-frequency beaming. This horn shape not only eliminates off-axis high

frequency loss, but also overcomes crossover-range response anomalies common to alternative devices.

Thus, the LCF-499 will generate high fidelity full range sound over their entire coverage area. This is critical when designing LARES systems that provide the intimacy and warmth of the best musical environments.



LARES LCF-499 LOUDSPEAKER



SPECIFICATIONS

Bandwidth:
50Hz-15kHz +/- 3.5 dB

Sensitivity:
(2.83vrms/1m) 97 dB SPL

Impedance:
(Nom./Min.) 8W/5.6W

Power Handling:
350 Watts

Input Connection:
Recessed Barrier Strip, Neutrik Speakon optional

Transducers:
1 ea. 8" (203mm) MF, 1 ea. 1" (25mm) HF driver (ferrofluid cooled), 1 ea. 12" (305mm) LF

Crossover Frequencies:
200Hz, 1700 Hz

Directivity:
(Octave Averaged)

Frequency Coverage (H x V) Q
500Hz 115° Conic 4.5
1kHz 100° Conic 6.9
2kHz 135° Conic 5.1
4kHz 110° Conic 8.7
8kHz 135° Conic 4.7

Enclosure:
(Indoor) MDF panels, GRPhorns; (Outdoor) marine plywood panels, GRP horns.

Finish:
Black paint

Dimensions:
17 5/8" (387mm) x 33 5/8" (880mm) x 12" (203mm)D

Weight:
102lb (46.4 kg)

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