

# Mackie C300z Overview

*The Mackie **C300Z** is a mid-priced 2-way speaker with a 12" woofer and a 1.75" compression driver housed in a wide-dispersion constant directivity horn, with a 300 Watt average power handling capacity.*

The asymmetrical design and internal damping of the **C300Z** contribute toward a natural sound reproduction free of phase anomalies, and the rugged enclosure may be pole-mounted, flown, or used as a floor monitor. C series speakers are tuned exclusively by the renowned EAW design team, and offer design concepts applied to elite loudspeaker systems at a fraction of the cost.

Portable Passive loudspeaker with 1.75" HF compression driver and 12" LF transducer

750W peak power handling

HF compression driver mounted on multi-celled aperture, with constant directivity horn for wide 90° x 45° dispersion angle

Accurate reproduction of upper mid-range and high frequencies, tuned Low Impedance Compensated Crossover(LICC) for matching driver beamwidth patterns

Asymmetrical monocoque design with no parallel surfaces, causes reflection of mid and high frequency resonances at angles into internal damping materials, minimizes phase anomalies and other signal distortion

Equally viable as floor monitor or mounted/flown PA speaker with natural frequency response and dispersion, free from feedback-causing transient spikes

Dynamic protection for compression driver, 2nd order high-pass filter for over-excursion protection

Inputs and thruputs for parallel connection of up to 2 sets of speakers from single amp channel or powered mixer

Rugged impact-resistant enclosure with sturdy side handles, pole-mount, and integrated rigging points for "flying" the speakers