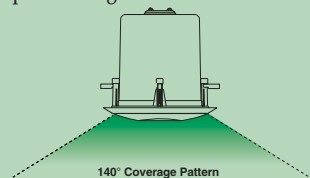


**Greater Coverage**

NEAR Orbit Speakers offer an extremely wide, even coverage pattern up to 140 degrees.



**Metal-Alloy Cone**

NEAR's metal-alloy cone structures eliminate cone flex or "break up" in the operating ranges which have traditionally been a problem with conventional speakers that have a paper or plastic cone. In addition, NEAR speakers provide an additional thermal path for the voice coil to stay cool, as well as an extremely stable cone structure unaffected by the surrounding environment.

**"Spider-Free" Technology**

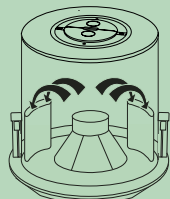
Like all NEAR speakers, the Orbits were designed with Magnetic Liquid Suspension (MLS), which includes a "spiderless" woofer. Sound is clear and less congested versus conventional drivers with spiders.

Conventional woofers have cloth spiders. The advantages to NEAR's "spider-free" speaker technology include continuous, automatic voice coil alignment adjustments, extended linear excursion, and the most efficient path for cooling the voice coil. MLS features a high-gauss ferrofluid that guides the voice coil through the magnetic field.

**Dual Venting Ports**

Dual venting ports reduce port turbulence, thus allowing lower distortion levels. The larger surface area afforded by the dual ports means that the air moving through the vents is less restricted than in a smaller, single port; thereby, not creating as much noise when operating, especially at louder levels.

NEAR Orbit Dual Vent System



**Accessories**



**CK10**  
10 ft.  
Cable Kit



**TBCR**  
Tile Bridge  
Support Ring

**NEAR® ORBIT Loudspeakers**



**ORBIT Ceiling Speaker  
OCS1**



N · E · A · R.

The NEAR Orbit Ceiling Speaker is the ideal choice for installations where the quality of music and vocal reinforcement are crucial. The Orbit Ceiling Speaker features NEAR's unique MLS™ and MDT™ technologies (see page 19), which improve sound quality and increase operating reliability.

*Product Features:*

- 140-degree wide-dispersion coaxial driver for broad even coverage
- Stable, high definition metal-alloy woofer cone
- 6-1/2" MDT metal-alloy cone delivers detailed sound; 3/4" polycarbonate tweeter
- MLS voice coil centering system
- High-efficiency drivers deliver superior performance
- Extremely good off-axis response
- Computer-matched venting system and large back can provide exceptional full bass output
- Easy wiring with snap-on connector
- For 16-ohm, 70V, and 100V systems
- Front-mounted tap selector under grille
- Frequency response: 60 Hz to 19 kHz
- Sensitivity: 89.5 dBspl
- Connector provides loop-through to next speaker
- Attachment point for seismic (safety) cable
- Input terminal cover with knockouts provides protection for connections
- Integral swing-out clamps secure installation in the ceiling
- Heavy-gauge plated steel back can
- Attractive heavy-gauge steel grille assembly with fine perforations
- White textured finish, paintable
- Fire-rated (94V0) ABS baffle

*Technical Specifications:*

Impedance	Power Handling	Dimensions	Product Weight
16 ohms	100W	12" D X 12-3/8" Diameter	10 lb.
70V	32, 16, 8, 4, 2, & 1 W taps		
100V	32, 16, 8, 4, & 2 W taps		