

NEAR® ORBIT Speakers

ORBIT Pendant Speakers OPS1

N · E · A · R.

OPS1W
(White)



OPS1B
(Dark Gray)



The **NEAR Orbit Pendant Speakers** provide an ideal sound solution for open space environments that require clear, quality sound evenly distributed throughout the area. These speakers offer a pleasing industrial design, mount from above, and feature NEAR's unique MDT™ and MLS™ metal-alloy speaker driver technologies (see page 19) to deliver clean, intelligible audio.

Product Features:

- Specially designed to provide full-range bass in open space environments
- Easy-to-use cable suspension system includes three suspension cables with attached forged eyebolts
- 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
- Large cabinet volume and computer-matched venting system for superior bass output
- Snap-lock input connector for easy wiring to drop cables
- Connector provides loop-through to next speaker
- For 16-ohm, 70V, and 100V systems
- Frequency response: 60 Hz to 19 kHz
- Sensitivity: 89.5 dBspl
- Low-resonance cabinet structure
- Threaded brass insert point for optional safety cable eyebolt
- Color-matched suspension cables & hardware
- Powder-coated, perforated sturdy steel grille
- Available in black and white textured, paintable finish
- Fire-rated (94-5VB) enclosure

Technical Specifications:

Impedance	Power Handling	Dimensions	Product Weight
16 ohms	100W	9-1/4" D x 15" diameter	10 lb.
70V	32, 16, 8, 4, 2, & 1 W taps		
100V	32, 16, 8, 4, & 2 W taps		

Accessories

CK10B
10 ft. Cable
Kit (Black)



CK10W
10 ft. Cable
Kit (White)



CK10
10 ft. Cable
Kit (Silver)

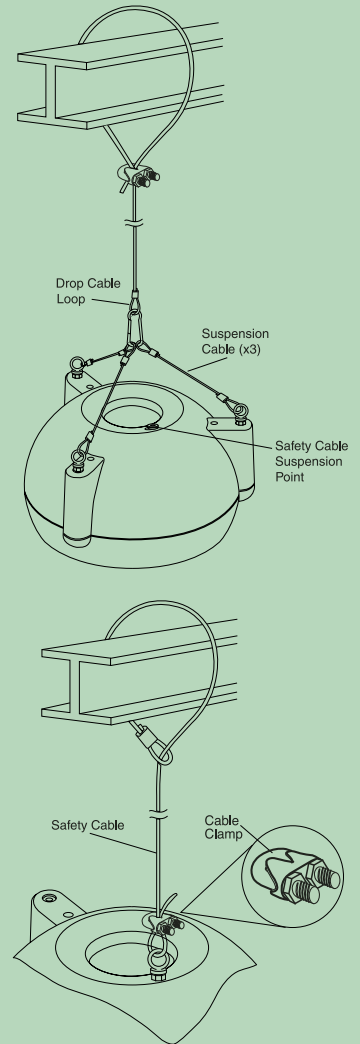


Overhead Mounting

The OPS1 was designed for use in open spaces or in pavilion-style structures where the ceilings are high but sound needs to be further down, closer to the audience/listener.

Mounts Safely

The CK10 cable kit accessory (sold separately) can be used as a safety or main drop cable. This flexibility allows the speaker to be secured in a building in a variety of ways.



An integral safety cable suspension point on the speaker provides additional safety. A secondary cable can be connected to this suspension point and run alongside the primary (weight-bearing) cable as a backup.

2 COLOR CHOICES*:

 **DARK GRAY**

 **WHITE**

*Actual color may vary from these catalog samples.

NEAR Armadillo Speakers

Form follows function in the A-Series, a.k.a., the “armadillo” line. Its unique rounded ends and side corrugations, which give the speakers their characteristic “armadillo” shell, are constructed of mineral-filled polypropylene. This heavy molded material creates an extremely durable cabinet with excellent acoustic properties. Cabinet and components are impervious to salt spray and dust.

Tough, Through and Through

The A-Series is made of premium material components: die-cast aluminum frames, hard anodized aluminum cones, black anodized aluminum voice coil formers, compounded rubber cone surrounds, high-temperature adhesives, UV-inhibited mineral-filled polypropylene enclosure, powder-coated aluminum, perforated PVC plastic grilles, threaded brass inserts, and gold-plated connectors. These are the most durable materials used in any speaker in the industry!

Accessories



ASTB4 Terminal Block Electrical Cover
(Protects wires and connections from water and effects of weather)

3 COLOR CHOICES:



BLACK GREEN WHITE

*Actual color may vary from these catalog samples.

NEAR® A-Series Loudspeakers



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A2, A2T



A6, A6T



A8, A8T

NEAR® A-Series speakers set the standard for smooth, accurate sound, attractive appearance, constant and reliable high performance, and rugged construction. Designed to perform beautifully under the toughest conditions, the A-Series combines outstanding aesthetic design with patented speaker technology for unsurpassed audio quality and weatherproof durability, ideal for music or paging.

Product Features:

- Maximum speaker power capacities of 100, 150, and 175 watts at 8-ohms; and 16, 32, and 64 watts at 70V (T versions)
- Coaxial and 2-way capability
- 8-ohm or 70V models
- High-precision, high-performance sound
- Long-term power handling for constant use
- Reduced distortion at all output levels
- Unsurpassed sound quality
- High dispersion of sound (80 degrees on A2 models, 100 degrees on A6 and A8 models)
- Completely weatherproof, fully-sealed cabinet for indoor and outdoor applications
- Withstands harsh weather conditions including sun, wind, rain, freezing temperatures, ice, and snow without affecting audio clarity or intelligibility
- Corrosion-resistant mounting hardware
- Rugged and durable construction
- Metal-alloy low-frequency drivers
- Special rubber driver surrounds
- Dual-layer aluminum voice coils, combined with fluid, provide efficient heat-sinking under long-term, high power situations
- Over-sized mounting knobs to secure mounting easily

A-Series Mounting Bracket



- Quick and easy mounting brackets have slots for the speaker to slide in with side knobs attached
- Color (black, green, or white) finish matches speaker cabinet
- Heavy-gauge aluminum brackets (stainless steel on A8 models) are powder-coated to resist chipping and scratching

Model*	Drivers	Frequency Response**	Sensitivity (1W @ 1 meter)	Dispersion	Impedance	Power Handling	System Capability	Dimensions	Shipping Weight
A2	6" metal-alloy hard anodized woofer;	55 Hz-20 kHz	88 dBspl	Horizontal: 90 degrees;	8-ohm	100 watts	Coaxial	9" dia. x 8" D	10 lb.
A2T	1/2" polycarbonate tweeter			Vertical: 90 degrees					70V
A6	6" metal-alloy hard anodized woofer;	50 Hz-20 kHz	89 dBspl	Horizontal: 110 degrees;	8-ohm	150 watts	2-way	13-7/16" W x 7-1/8" H x 7-11/16" D	14 lb.
A6T	1-1/8" pure titanium low diffraction inverted tweeter			Vertical: 45 degrees (up), 35 degrees (down)					70V
A8	8" metal-alloy hard anodized woofer;	45 Hz-20 kHz	91 dBspl	Horizontal: 100 degrees;	8-ohm	175 watts	2-way	17-13/16" W x 10-3/16" H x 10-7/8" D	21 lb.
A8T	1-1/8" pure titanium low diffraction inverted tweeter			Vertical: 45 degrees (up), 35 degrees (down)					70V

*Colors specified by adding suffix to model number: BLK (black), GRN (green), or WHT (white) **(-10dB)

NEAR® Rock Landscape Loudspeakers

Rock Loudspeakers R8, R8T

N · E · A · R.

The **NEAR® Rocks** are landscape loudspeakers designed to blend in with outdoor scenery, using the NEAR acoustical technology. They deliver superior sound even if continuously or suddenly exposed to heat, cold, wind, rain, ice, snow, sleet, sun, or salt spray.



Product Features:

- Works with 70V and 8-ohm speaker systems
- 2-way design
- Completely weatherproof
- Rich, full-bodied sound
- Ultra-low distortion
- Wide, elevated sound dispersion
- Rugged, heavy, and realistic
- Available in two natural cabinet colors

2 COLOR CHOICES*:



SANDSTONE GRANITE

*Actual surface color may vary from these catalog samples.

Model**	Drivers	Frequency Response	Sensitivity (1W @ 1 meter, 8-ohm)	Dispersion	Power Handling	Orientation	Dimensions	Product Weight
R8	8" MDT mid-bass; 1-1/8" Titanium tweeter	60 Hz- 20 kHz	90 dBspl	Horizontal: 100 degrees;	175 watts	Vertical	23" W x 16" H x 15" D	64 lb.
R8T				Vertical: 45 degrees	64 watts (3 taps in -3 dB increments)			67 lb.

** Colors specified by adding suffix to model number, i.e., **G** (granite) or **S** (sandstone).

What Makes NEAR® Speakers So Unique?

- **MDT™ Technology – Metal Diaphragm Technology** uses metal-alloy drivers (not paper and plastic) for extremely stable speaker cones, even after long periods of time. MDT is light-weight, strong, and produces natural sound, significantly better phase response, musical accuracy, and fine detail of sound with ultra-low distortion.
- **MLS™ Design – Magnetic Liquid Suspension** uses the speaker's own magnetic field to precisely center the voice coil in the magnet gap. This eliminates the need for distortion-causing voice coil spiders found in conventional speakers and allows longer speaker excursion. A proprietary Ferrofluid® seals the magnet gap and voice coil against moisture and corrosion and heatsinks the voice coil to the magnet structure for greater power handling, assuring long speaker life under difficult environmental conditions. With MLS, the centering actually becomes more accurate as the music becomes louder.

Unparalleled Performance

NEAR speakers lead the industry in metal speaker technology.

A NEAR speaker is unique because of its:

- 1 Advanced rubber compound cone surround
- 2 Metal Diaphragm Technology
- 3 Magnetic Liquid Suspension
- 4 Cast Aluminum Basket
- 5 Sealed Magnet



NEAR (New England Audio Resource) is a brand of Bogen Communications, Inc.