

Designer Sleeve (DS31-EZ)

High-performance speakers with a contemporary versatile look

Preliminary Version



Description

The Designer Sleeve DS31-EZ pendant speakers were developed to offer varying aesthetic options for near space applications that require a design element to meet décor needs. The speaker can be used with or without the sleeve based on the desired look with multiple contemporary slide-on sleeves to match any aesthetic. The speakers blend well with drop lighting and are available in silver (DS31-EZ-SL), black (DS31-EZ-BK), and white (DS31-EZ-WH).

Features

- Full-range pendant speaker with multiple color and style options
- Hanging hardware included
- Powder-coated seamless magnetic grille
- Three color options available: Black, White, or Silver
- Two sleeve options available: Tapered or Cylindrical (Cylindrical Sleeve has two configurations)

DS31-EZ PRODUCT SPECIFICATIONS

System Type	3" wide-range pendant speaker with multiple colors and style options
Impedance (Nominal) ¹	8 Ω
Sensitivity dB @ 2.83 V / 1 M	85 dB
Sensitivity dB @ 1 W / 1 M ²	85 dB
Frequency Response (±3 dB) ³	115 Hz to 14 kHz
Frequency Response (±10 dB) ³	80 Hz to 20 kHz
Max. Program Power ⁴	60W RMS
Max. Continuous Power RMS ⁵	30W RMS
Max. Power SPL @ 1 M ⁶	92 dB SPL RMS, 123 dB SPL Peak
Coverage Angle (±6 dB @ 2 kHz)	70°
Coverage Angle (±6 dB @ 10 kHz)	45°
Coverage Angle (Avg. 2-10 kHz)	85°
Directivity Factor (Q)	4.9 (averaged 100Hz - 10 kHz) 7.1 (2 kHz)
Directivity Index (DI)	5.1 dB (averaged 100Hz - 10 kHz) 8.5 dB (2 kHz)
Tap Selector	Six Position Rotary with Transformer Bypass
Wide-Range Driver	3" Polycone with Rubber Surround
Enclosure Material	Molded ABS
Grille	Steel Powder Coated with Magnetic Attachment
Inputs	Hardwire leads with included wire nuts
Colors	Metallic Black, White, and Silver (Paintable)
Height	7.5" Internal Body only 8.25" with Tapered Sleeve 8.5" with Cylindrical Sleeve
Diameter	4.5" Internal Body only 4.75" with Tapered Sleeve 5.5" with Cylindrical Sleeve
Weight	2.4 lbs. Internal Body only 2.8 lbs. with Tapered Sleeve 3.4 lbs. with Cylindrical Sleeve
Shipping Weight	6 lbs.
Packaging	One Per Box
Included Accessories	Hanging Hardware, Magnetic Grille, slide-on Designer Sleeve
Certifications	CE, RoHS

¹ Impedance listed per IEC 60268-5 with a minimum less than 80% the nominal impedance

² 1 W/1 M sensitivity determined using nominal impedance

³ Frequency response measured in half or full space as dictated by speaker mounting configuration

⁴ Max program power is 3 dB above max continuous power

⁵ Continuous power rating, EIA-426-B test

⁶ Max output based on max continuous power

	I	II	III	IV	V
100V	*	20W	10W	5W	2.5W
70V	20W	10W	5W	2.5W	1.3W
25V	5W	2.5W	1.3W	0.72W	0.36W

Tap Settings