



by HARMAN

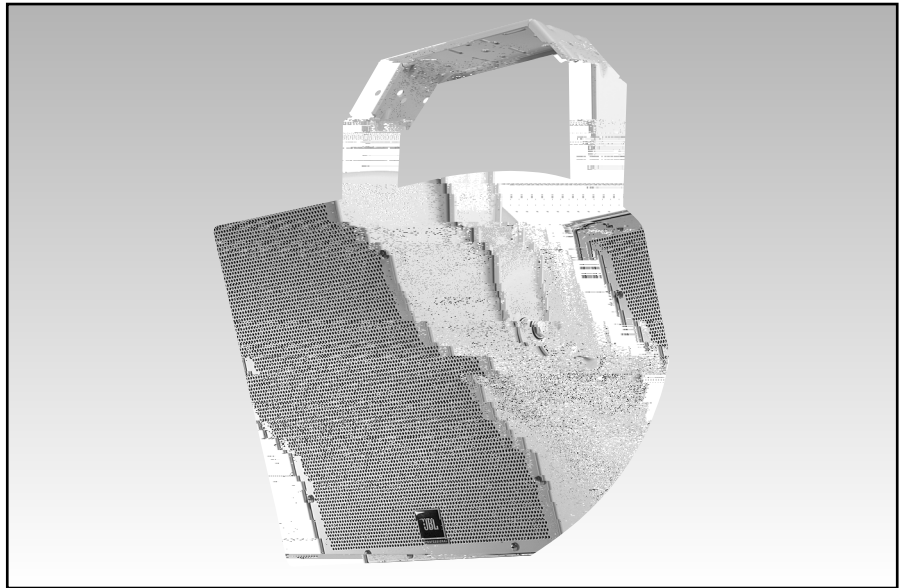
# AWC159

## All-Weather Compact 2-Way Coaxial Loudspeaker with 15" LF

### Professional Series

### Key Features:

- ▶ High performance IP56 rating
- ▶ Continuous 90° x 90° rotation
- ▶ Crossover: 380 Hz (15 dB) tweeter, 75 Hz (3 dB) 38" (1.5") driver
- ▶ Efficient 2-way coaxial design
- ▶ Available in 15" and 18" sizes
- ▶ 500 Watts (1200W peak) @ 1% THD
- ▶ 52 Hz - 20 kHz frequency response
- ▶ 300 Watts (70V/100V) @ 8Ω



### Applications:

The AWC159 is a compact, all-weather, 2-way speaker designed for outdoor use. It features a high-performance IP56 rating, making it suitable for harsh environments. The speaker is available in two sizes: 15" and 18". It is designed for high efficiency and power handling, with a 500-watt (1200W peak) rating at 1% THD. The frequency response is 52 Hz to 20 kHz, and it has a 300-watt (70V/100V) rating at 8Ω. The AWC159 is perfect for outdoor applications such as stadiums, arenas, and outdoor venues. It is also suitable for use in public areas, schools, and universities. The speaker is designed for easy installation and maintenance. It is available in two sizes: 15" and 18". The 15" size is suitable for use in smaller venues, while the 18" size is suitable for use in larger venues. The AWC159 is a high-performance, all-weather, 2-way speaker that is perfect for outdoor applications. It is available in two sizes: 15" and 18". The 15" size is suitable for use in smaller venues, while the 18" size is suitable for use in larger venues. The AWC159 is a high-performance, all-weather, 2-way speaker that is perfect for outdoor applications. It is available in two sizes: 15" and 18". The 15" size is suitable for use in smaller venues, while the 18" size is suitable for use in larger venues.

### Specifications:

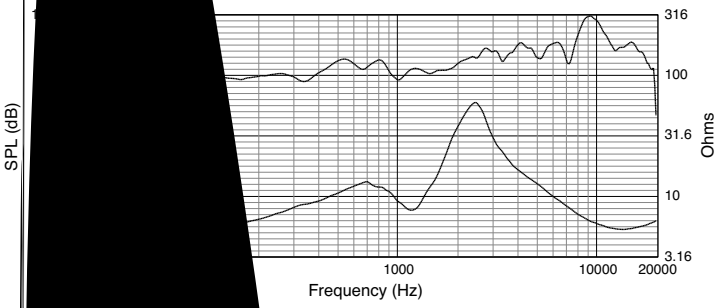
<b>System:</b>	
Frequency Range (-10 dB):	52 Hz - 20 kHz
Frequency Response (3 dB):	80 Hz - 20 kHz
Cross Axis: 90° x 90°	
Driver: 15" (1.5")	16" (1.6")
Driver: 16" (1.6")	16" (1.6")
Linearity: 500 W (2000 W peak), 2 r.r.	300 W (1200 W peak), 100 r.r.
Sensitivity (2.83V @ 1 m):	98 dB (A) @ 80 Hz - 20 kHz
Maximum SPL:	125 dB (1200 W peak), 131 dB (300 W peak), 123 dB (1200 W peak), 129 dB (300 W peak)
Crossover:	1.5 kHz, 4th order (24 dB/oct) - passive, LF
Number of Drivers:	8
Transformer Tap:	70V: 300W, 150W, 75W, 38W 100V: 300W, 150W, 75W
<b>Transducers:</b>	
Low Frequency Driver:	15" (1.5") driver
High Frequency Driver:	2408H-2 38" (1.5") driver
<b>Physical:</b>	
Enclosure:	ABS
Mounting:	U-rail, M6
Grille:	3" x 3" (1.5") driver, 3" x 3" (1.5") driver
Input Connector:	CEC-4 (12 AWG) wire, 4-pin, 2.5" (63.5 mm) diameter, 9.0" (228.6 mm) length, 0.36" (9.14 mm) diameter
Environment:	IP56 per IEC529, 5° to 40° C, 95% RH, UV, and ASTM G85 (168 hr)
Dimensions:	486 (19.1), 486 (19.1), 479 (18.8), 507 (19.9), 546 (21.5) mm
Weight:	20.6 (45.5) lbs, 23.4 (51.5) lbs
Shipping Weight:	27.7 (61.0) lbs
Input Connector:	CEC-4 (12 AWG) wire, 4-pin, 2.5" (63.5 mm) diameter, 9.0" (228.6 mm) length, 0.36" (9.14 mm) diameter

<sup>1</sup> Full power (1% THD)  
<sup>2</sup> At 1 Hz - 10 kHz  
<sup>3</sup> IEC standard, 1% THD, 6 dB re 1 μV @ 1 m  
<sup>4</sup> Crossover network is passive

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# 8" All-Weather Compact 2-Way Coaxial Loudspeaker with 15" LF

## Frequency Response and Impedance



## Off-Axis Frequency Response

