



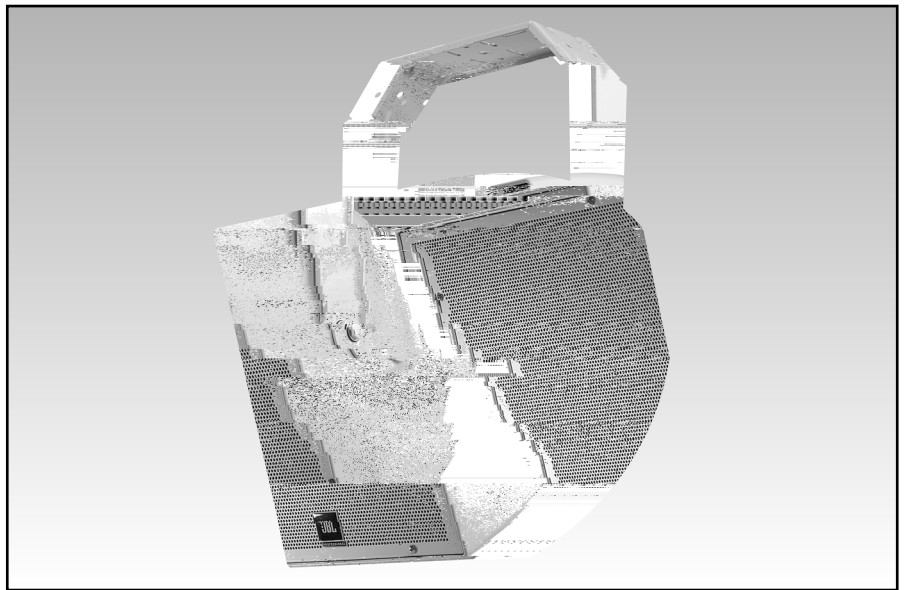
by HARMAN

# AWC159 All-Weather Compact 2-Way Coaxial Loudspeaker with 15" LF

## Professional Series

### Key Features:

- ▶ High fidelity, IP56 rated
- ▶ Crossover: 90 Hz high pass, 380 Hz low pass
- ▶ Crossover: 75 Hz high pass, 38 Hz low pass
- ▶ Efficient: 98 dB (1 W, 1 m)
- ▶ Available in 2-way or 3-way configurations
- ▶ 500 W (300 W) power handling
- ▶ High SPL: 125 dB (1 W, 1 m)
- ▶ 52 Hz - 20 kHz frequency response
- ▶ 300 W (150 W) power handling



### Applications:

The AWC159 is a compact, high-fidelity, 2-way or 3-way coaxial loudspeaker. It is designed for use in a wide variety of applications, including outdoor and indoor environments. The speaker is IP56 rated, making it suitable for use in wet or dusty environments. It features a high-pass crossover at 90 Hz and a low-pass crossover at 380 Hz. The speaker is available in 2-way or 3-way configurations. It has a power handling of 500 W (300 W) and a maximum SPL of 125 dB (1 W, 1 m). The frequency response is 52 Hz - 20 kHz. It is also available in a 3-way configuration with a power handling of 300 W (150 W).

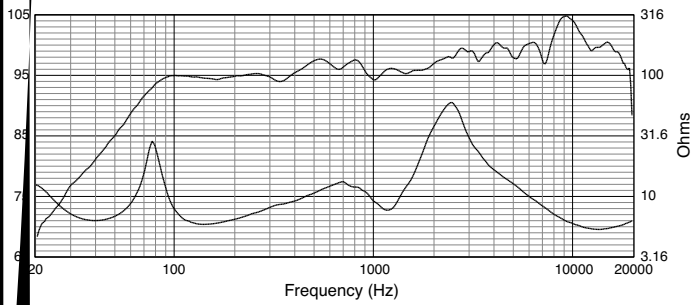
### Specifications:

System:	
F	Ra (-10 B): 52 H 20 H
F	R (3 B): 80 H 20 H
C	a Pa <sup>2</sup> : 90 90
D	Fa: 11.1 (1 H 16 H)
D	I (DI): 9.7 B (1 H 16 H)
L -T S P	Ra (IEC): 500 W (2000 W a), 2 300 W (1200 W a), 100
S	(2.83V @ 1 ): 98 B (A : 80 H 20 H)
Ma	SPL: D 8Ω: 125 B ( a 131 B) 300 W Ta : 123 B ( a 129 B)
C N	: 1.5 H, 4 (24 B/ ) - a a HF, 2
N a I a	: 8
T a	Ta : 70V: 300W, 150W, 75W, 38W 100V: 300W, 150W, 75W
Transducers:	
L F D	: K a - a a , 75 (3 )
H F D	: 2408H-2 38 (1.5 ) a a a a , a a
Physical:	
E	: ABS Ga , a a
A a	: T M10 ( - a ) U- a . M6
G	: C - a a - a a - a a
I C	: CE- 8 a 4 - a Ba (#6 #8) 2.5 <sup>2</sup> (12 AWG) a . T a a a 9.0 a a 4.0 (0.16") a (0.36")
E a	: IP56 IEC529, a 5 a a a a & UV, a E M S 810 a a a ASTM G85 a a (168 )
D	: 486 486 479 (19.1 19.1 18.8), a 507 (19.9 ) a a 546 (21.5 ) a a
C	: A a a a ( a Pa 420C) a a (-BK)
N W	: 20.6 (45.5 ) 23.4 (51.5 ) - a
S W	: 27.7 (61.0 )
C	: A a a a ( a Pa 420C) a a (-BK)
I A	: U- a , a a ( a a ) , - a

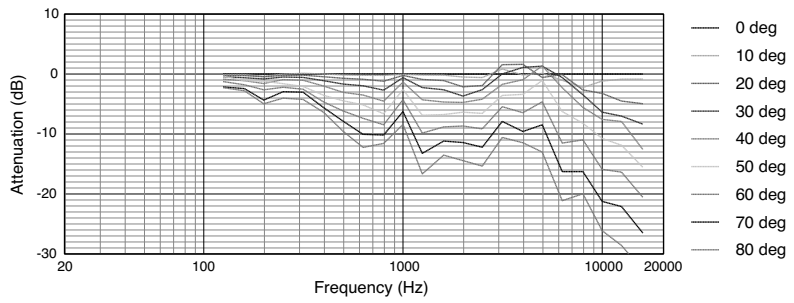
<sup>1</sup> F - a ( - )  
<sup>2</sup> A a 1 H 10 H  
<sup>3</sup> IEC a a a a 6 B a  
<sup>4</sup> Ca a a a a a a - a

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## Frequency Response and Impedance



## Off-Axis Frequency Response



## Beamwidth

