SPEAKER

LUCASACS

WEATHERPROOF IP66 OUTDOOR SPEAKER

OHS6IT
OHS8IT
OHS10IT
OHS12IT
OHS12WIT/W
OHS1010
OHS1010SUB
OHS15IT
OHS15WIT



OVERVIEW

The **OHS Series** compact coaxial loudspeaker system is designed to provide high quality soundreproduction in applications requiring extreme weather resistance. All cabinets are built from water-resistant polyvinyl board with tough texture coating. The hydrofobically-treated grill, moisture-sealedcrossover and waterproof connector makes it reliable under long-term exposure to toughenvironmental conditions.

The **OHS Series** consists of full range 6"/8"/10"/12" coaxial speakers and a dual 10" subwoofer.

Ideal for bars, restaurants, patios, hospitality venues, theme parks, and more, the OHS8IT delivers high-performance sound, rugged durability, and versatile installation options for any environment.

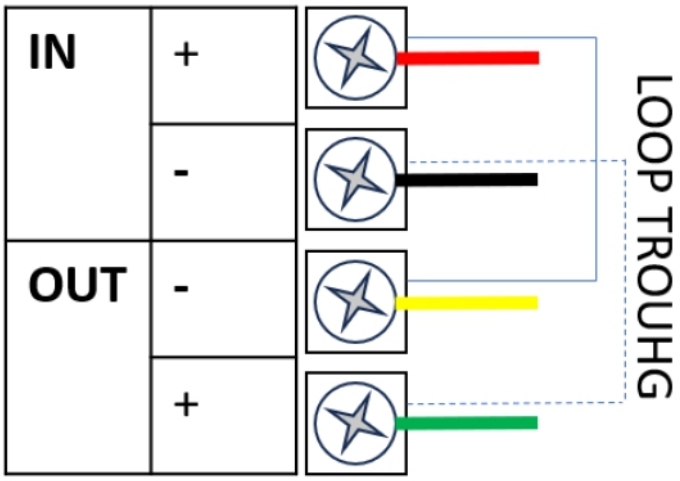
Technical Specifications

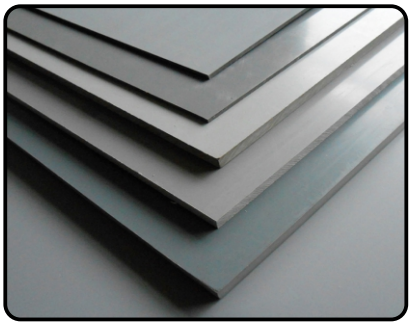
	OHS6IT	OHS8IT	OHS10IT	OHS12IT	OHS12WIT/W
Frequency Response:	80 Hz - 20K Hz	75 Hz - 20K Hz	70 Hz - 20K Hz	65 Hz - 20K Hz	50Hz - 20K Hz
Sensitivity	105 db	108 db	109 db	111 db	111 db
Spl Max:	127 db	131 db	133 db	135 db	136 db
Loudspeaker Data:					
Transducer:	LF: 1 x 6.5", HF: 1" Compression driver (coaxial)	LF: 1 x 8", HF: 1" Compression driver (coaxial)	LF: 1 x 10", HF: 1-3/8" Compression driver (coaxial)	LF: 1 x 12", HF: 1-3/4" Compression driver (coaxial)	LF: 1 x 12", HF: 1-3/4" ext Compression driver (coaxial)
Impedance:	8Ω Nominal				
Power Handling (passive):	150W RMS / 300W Program	200W RMS / 400W Program	250W RMS / 500W Program	400W RMS / 800W Program	800W RMS / 1600W Program
70v:	60W/30W/15W/7.5W	120W/60W/30W/15W	200W/100W/50W/25W	300W/200W/100W/50W	400W/200W/100W
100v:	60W/30W/15W	120W/60W/30W	200W/100W/50W	300W/200W/100W/50W	400W/200W/100W
Connectors:	Water-proof 4 pin terminal strip connector				
Physical:					
Cabinet Construction:	Water-resistant polyvinyl board IP66				
Mounting:	U bracket				
Finish:	Texture coating				
Grill:	Aluminum with anti-corrosion coat				
Dimensions (mm / Inch):	256 W*275 D*251 H 10 W*10.8 D*10 H	299 W*310 D *299 H 1.7 W*12.2 D*11.7 H	330 W*370 D*330 H 13 W*14.6 D*13 H	409 W*450 D*409 H 16.1 W*17.7 D*16.1 H	409 W*450 D*409 H 16.1 W*17.7 D*16.1 H
Weight:	9.2 kg / 20 lbs	11.5 kg / 25.4 lbs	15.3 kg / 33.7 lbs	19.5 kg / 43 lbs	20.5 kg / 45 lbs

	OHS1010	OHS1010SUB
Frequency Response:	52Hz - 19kHz	40Hz - 500 Hz
Sensitivity	110 db	105 db
Spl Max:	137 db	132 db
Dispersion (h X V):	120°x 60°	Omnidirectional
Loudspeaker Data:		
Configuration:	Dual 10" full-range coaxial loudspeaker	Dual 10" Weather-Resistant Subwoofer
Transducer:	LF: 2 x 10" woofer, HF: 1.75" compression driver	LF: 2 x10" Woofer, HF : --
Impedance:	8Ω Nominal	4Ω Nominal
Power Handling (passive):	500/1000W	500 / 1000W
Connectors:	2 x 4-pin speakon	4 PIN SPEAKERON
Physical:		
Cabinet Construction:	Weatherproof IP66	Fiber Glass
Mounting:	U Bracket	U Bracket
Finish:	Texture coating	Texture coating
Grill:	Aluminum with anti-corrosion coat	Aluminum with anti-corrosion coat
Dimensions （mm / Inch):	770 W - 320 D - 418 H / 30.3 W - 12.6 D - 16.5 H	770 W - 320 D - 418 H / 30.3 W - 12.6 D - 16.5 H
Weight:	65.0 lbs / 29.5 kg	60.2 lbs / 27.3 kg

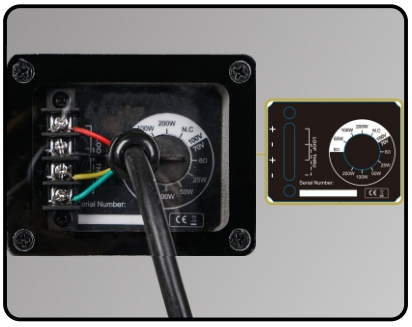
Feature	OHS15WIT	OHS15IT
Frequency Response:	45 Hz - 300 Hz	50 Hz - 18000 Hz
Sensitivity	101 db (1W/1m)	105 db (1W/1m)
Spl Max:	136 db	138 db
Dispersion (h X V):	Omnidirectional	80° x 80°
Loudspeaker Data:		
Configuration:	Passive subwoofer (vented)	2-way passive, on-ceiling / on-wall speaker
Transducer:	1 × 15" woofer, 3" voice coil	LF – 1 × 15" woofer (3" voice coil); HF – 1 × 1.4" compression driver (3" voice coil)
Impedance:	8 Ω nominal; also compatible with 100V line systems	8Ω Nominal; public address systems 100V
Power Handling (passive):	500W RMS / 1000W Program	1000W RMS / 2000W Program
70v:	N/A	N/A
100v:	75W / 150W / 300W (selectable via switch)	75W / 150W / 300W / 400W RMS (selectable via rotary switch)
Connectors:	Screw terminal (input)	Screw terminal (input)
Physical:		
Dimensions （mm / Inch):	490 W - 520 D - 500 H / 19.3 W - 20.5 D - 19.7 H	468 W - 595 D - 500 H / 18.4 W - 23.4 D - 19.7 H
Weight:	24.8 kg / 54.7 lbs	30.55 kg / 67.3 lbs

CONNECTIONS





Water-resistant Polyvinyl Board

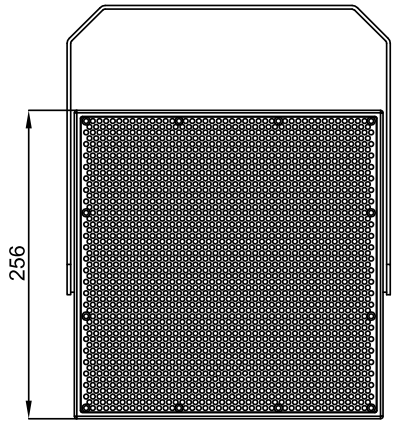


6"~10" Multi-tap Constant Voltage Transformer

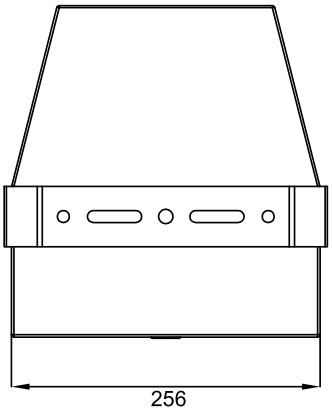


Water-proof Connector

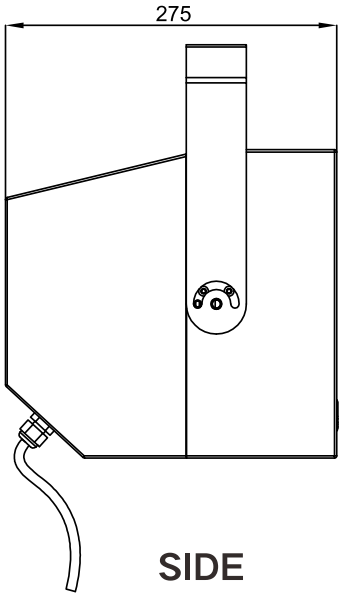
OHS6IT



FRONT

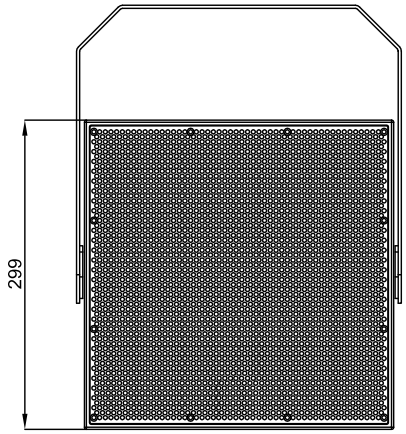


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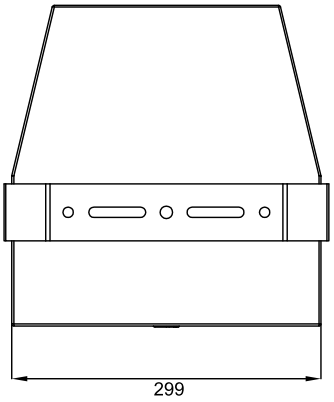


SIDE

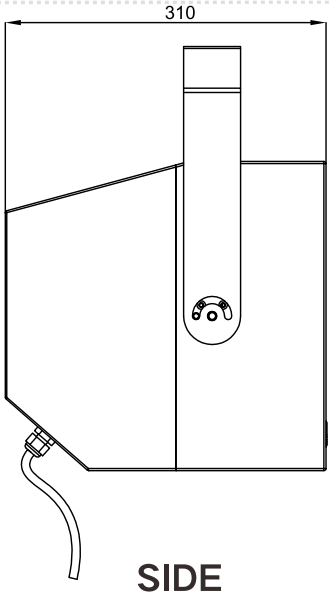
OHS8IT



FRONT

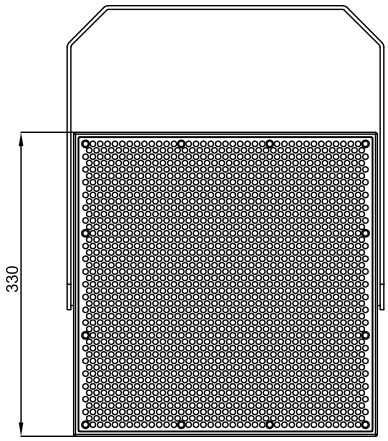


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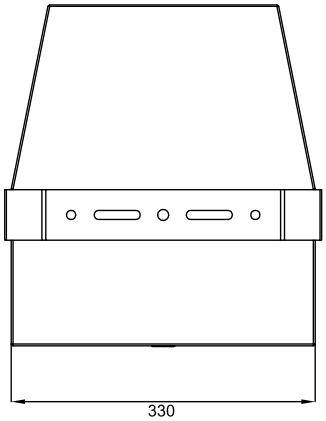


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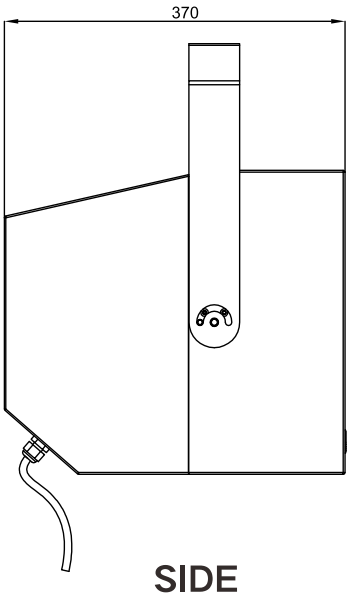
OHS10IT



FRONT

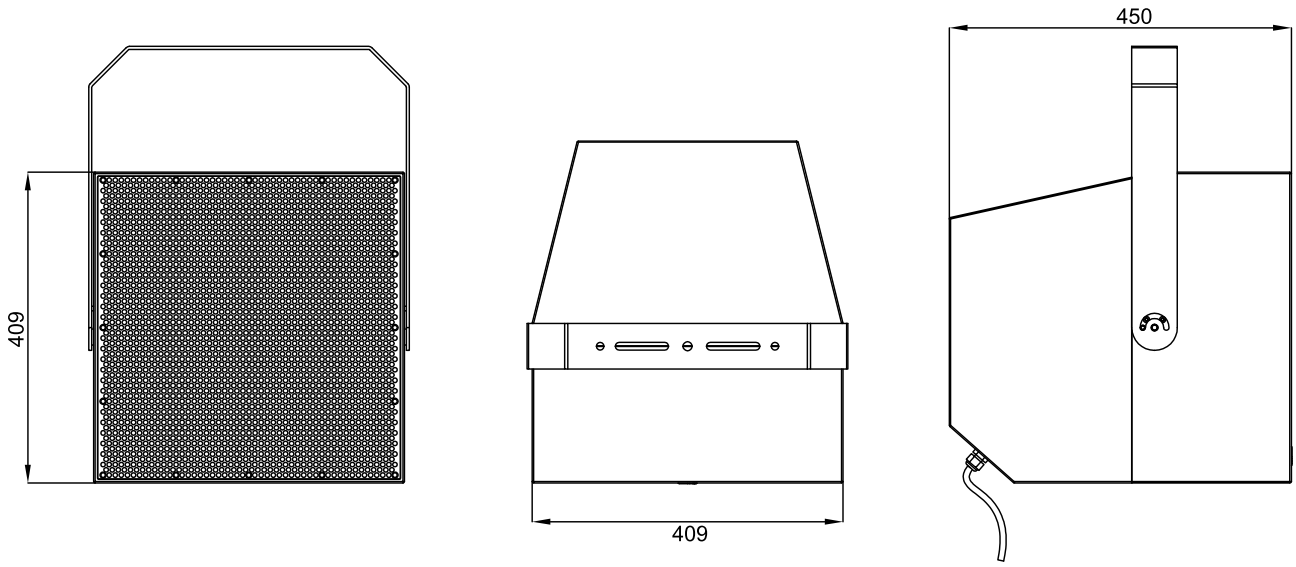


TOP



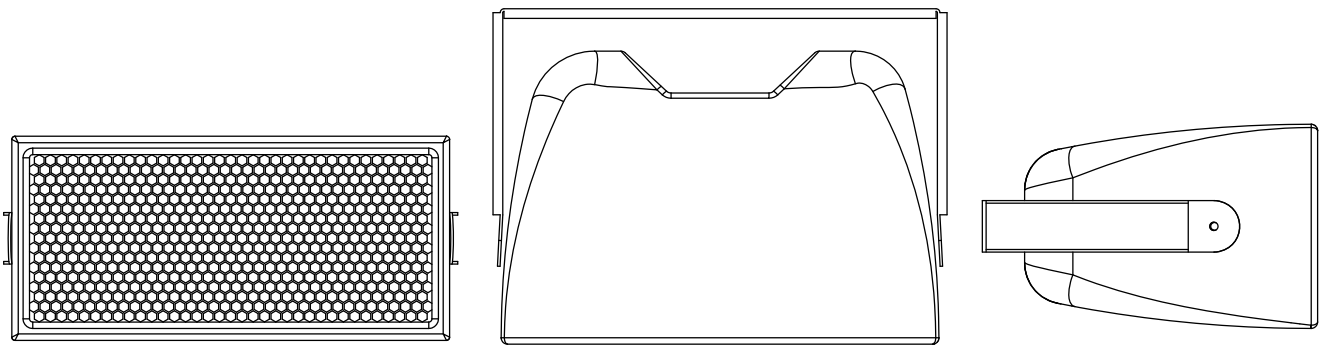
SIDE

OHS12IT
OHS12WIT/W



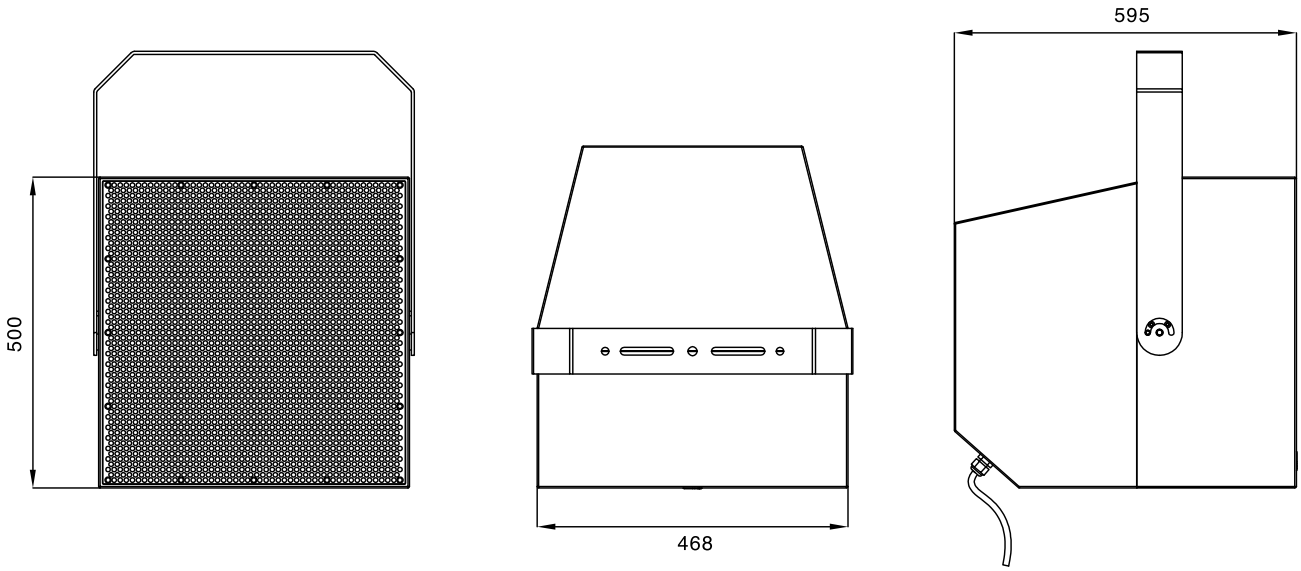
FRONT TOP SIDE

OHS1010
OHS1010SUB

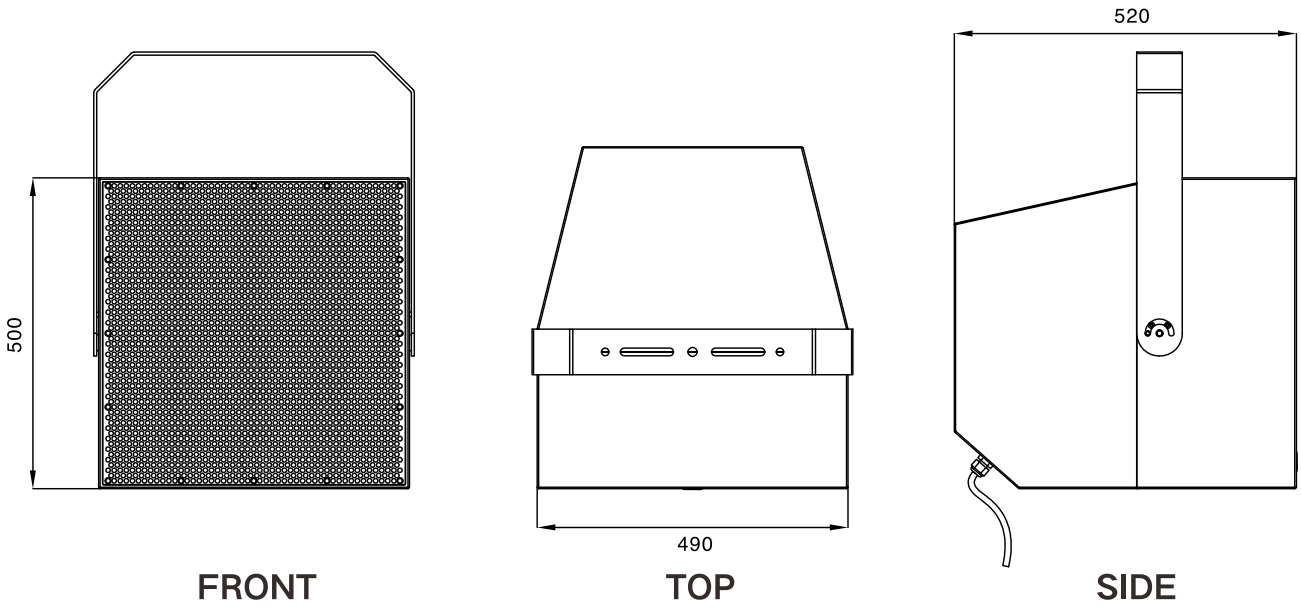


FRONT BEHIND SIDE

OHS15WIT



OHS15IT



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