SPEAKER

LUCASACS

DS Series

DS12ADSP

DS15ADSP

DSSUB15ADSP

DSSUB18ADSP

DSMN10DSP



OVERVIEW

Sound Town DS Series: A Fully Integrated Professional Audio System

The DS Series is a comprehensive lineup of powered audio components engineered for seamless integration, professional clarity, and robust performance. Designed for mobile entertainers, live musicians, and permanent installations, this cohesive ecosystem delivers a complete sound solution, from foundational bass to precise stage monitoring and powerful main reinforcement.

Foundation-Shaking Bass
The series' active subwoofer delivers the deep, impactful low end essential for any full-range system. Driven by a powerful Class-D amplifier and a high-performance transducer, it produces articulate, powerful bass. Housed in a rugged wooden enclosure designed to minimize distortion, it ensures reliability at high output levels. Its comprehensive connectivity includes combo XLR/1/4" inputs and dedicated outputs for seamless system integration, along with a built-in pole socket for secure stacking.

Precision Stage Monitoring
Achieve exceptional on-stage clarity with the series' active coaxial stage monitor. Its custom high-efficiency coaxial driver provides consistent, focused sound coverage for performers. Powered by a dedicated Class-D amplifier within a low-profile, durable cabinet, it delivers detailed sonic performance. It offers versatile connectivity with switchable inputs and outputs, built-in EQ presets, and tone controls. Global voltage support and daisy-chainable power connectors make it a robust solution for any touring or installed environment.

Powerful Full-Range Reinforcement
The series' flagship active main speaker is a feature-rich solution for primary sound reinforcement. A high-power Class-D amplifier and integrated DSP provide optimized full-range response, precise control, and wide dispersion. It features a versatile input panel including combo jacks and Bluetooth with wireless stereo pairing capability. Constructed from durable plywood with integrated handles, a pole socket, and multiple mounting points, it is built for both portable use and fixed installation.

Seamless System Integration
The core strength of the DS Series is its inherent interoperability, designed to work as a unified system:

Cohesive Signal Flow: Components connect intuitively—the subwoofer's dedicated outputs feed the main speakers, while monitors daisy-chain from a dedicated mix send—creating a streamlined and professional signal path.

Physical Compatibility: The integrated pole socket on the subwoofer is engineered to securely support the main speaker, creating a stable, classic PA configuration. Multiple mounting points across the lineup allow for flexible deployment.

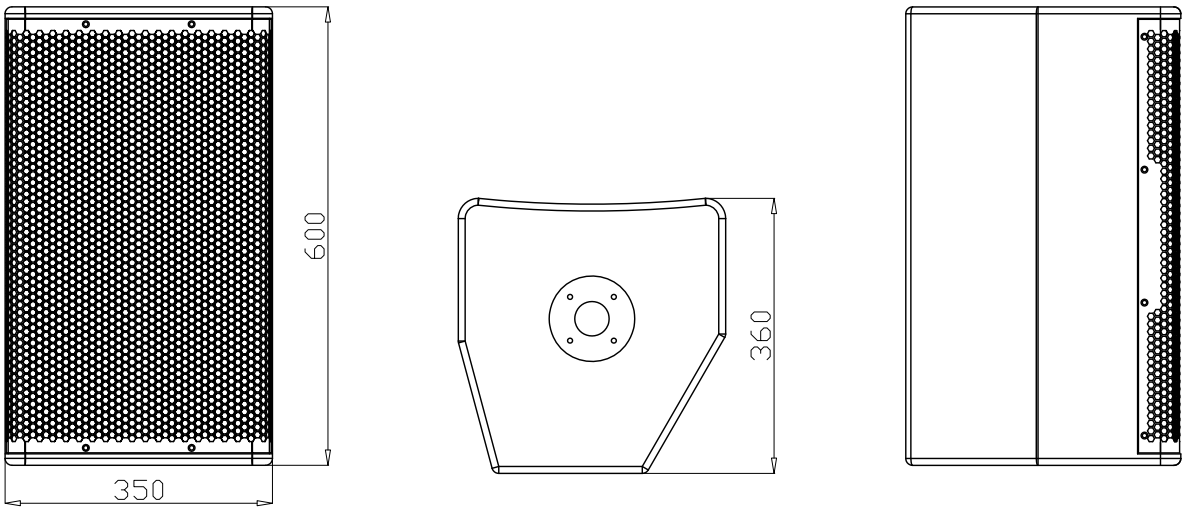
Unified Professional Build: The series shares a commitment to durability, featuring robust enclosures, protective steel grilles, and textured finishes suitable for touring and permanent use.

A Complete Solution for Every Venue
Ideal for live sound, mobile DJ performances, and installed applications in venues from clubs and houses of worship to schools and conference centers, the DS Series provides a powerful, reliable, and perfectly integrated audio foundation.

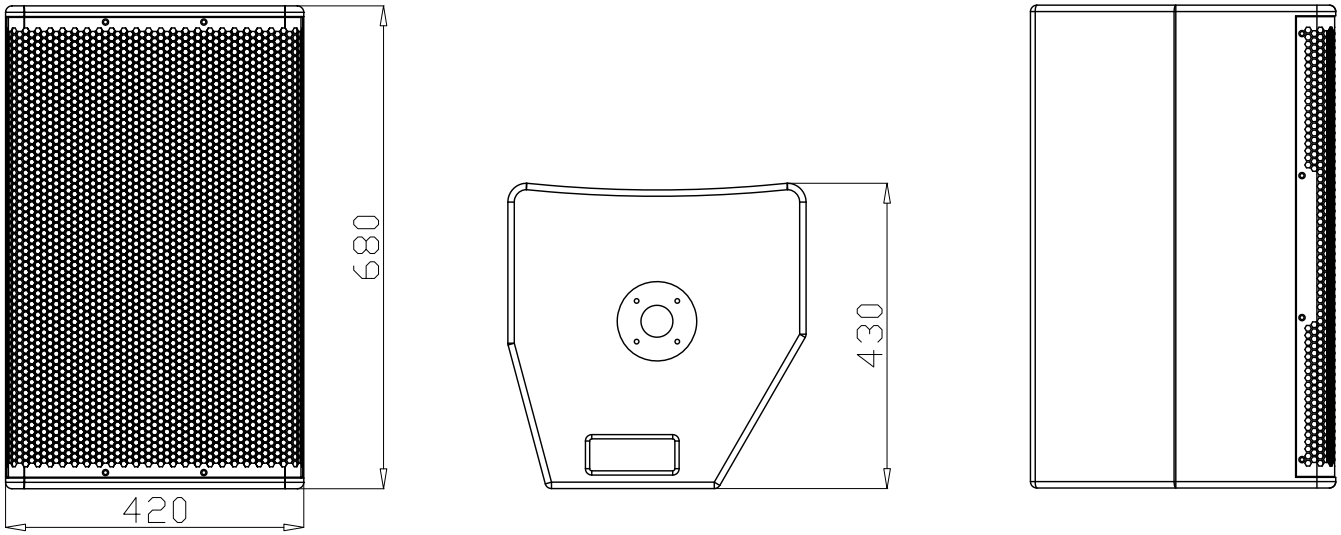
Technical Specifications

	DS12ADSP	DS15ADSP	DSSUB15ADSP	DSSUB18ADSP	DSMN10DSP
Frequency Response:	50 Hz - 19K Hz	45 Hz - 19K Hz	35 Hz - 180K Hz	30 Hz - 180K Hz	52 Hz - 20K Hz
Sensitivity	106 db		104 db		98 db
Spl Max:	134 db	135 db	133 db	134 db	123 db
Dispersion:	90° x 60°		Omnidirectional		100° conical
Configuration:	12" powered full range	15" powered full range		18" powered full range	10" compact 2-way active monitor
Transducer:	LF: 1 x 12", HF: 1 x 1-3/8" titanium compression driver	LF: 1 x 15", HF: 1 x 1-3/8" titanium compression driver	LF: 1 x 15"	LF: 1 x 18"	LF: 1 × 10" , HF: 1" co-axial compression driver
Impedance:	8Ω Nominal				
Power Handling	700W / 1400W	800W / 1600W		1000W / 2000W	300 / 600W
Cabinet Construction:	High grade 100% birch plywood				
Mounting:	Metal stand mount on bottom		Metal stand mount on top		Optional U-bracket
Finish:	Texture coating				Texture coating (RAL colors available)
Grill And Rigging Component:	Steel with anti-corrosion coat				
Dimensions	350 W - 360 D - 600 H	420 W - 430 D - 680 H	430 W - 460 D - 510 H	530 W - 550 D - 600 H	400 W - 281 D - 305 H
(mm / Inch):	13.8 W - 14.2 D - 23.6 H	16.5 W - 16.9 D - 26.8 H	16.9 W - 18.1 D - 20 H	20.8 W - 21.6 D - 23.6 H	15.7 W - 11.1 D - 12 H
Weight:	18.4 kg / 40.5 lbs	23.6 kg / 52 lbs	28.1 kg / 62 lbs	36.3 kg / 80 lbs	11.5 kg / 25.4 lbs
Amplifier:	Class-D amp. with onboard DSP		Class-D with DSP		Class-D amplifier with DSP
Input:	2 Channel 1/4" & XLR combo, 1/8" AUX, TWS bluetooth		2 × 1/4" & XLR combo		1/4″ & XLR (Mic/Line), 1/8″ Aux
Output:	XLR (mix out)		2 × XLR		XLR Line out
Control:	2-channel input gain, Onboard DSP (Mode, EQ, Bass boost, Delay, etc.)		Volume, Polarity, Xover, Output Mode		Volume, EQ, Gain
Indicator:	LCD display		Power, Limit, Signal		Power, Limit
Voltage:	100~240V, 50/60 Hz				

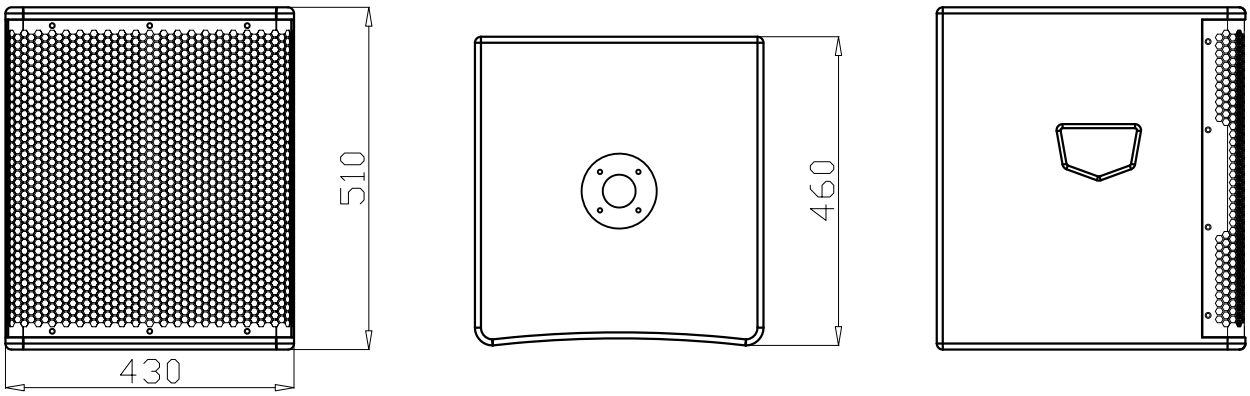
DS12ADSP



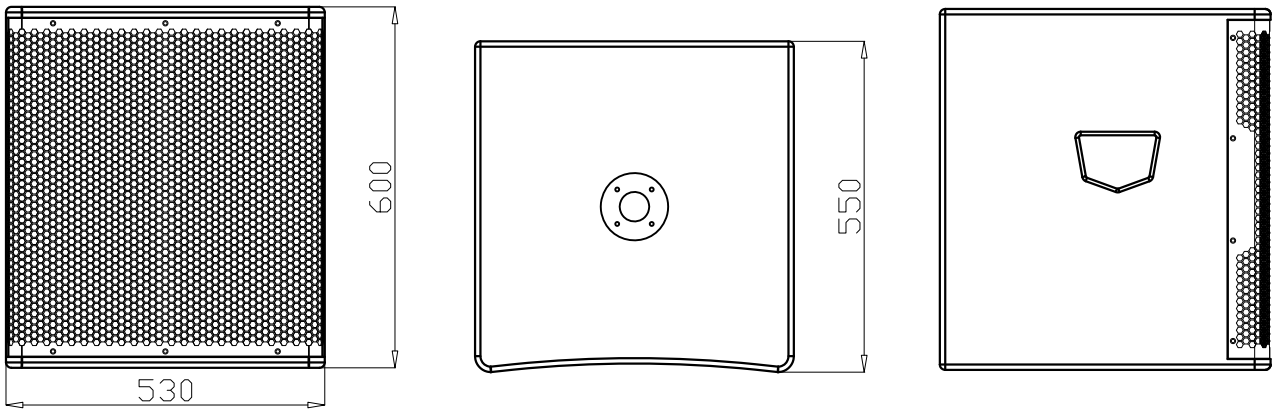
DS15ADSP



DSSUB15ADSP



DSSUB18ADSP



DSMN10DSP

