

DIVA

REDEFINE THE COMPACT PORTABLE LINE ARRAY

ADVANCED ACTIVE LOUDSPEAKER



PRECISION DRIVE

PLUG & PLAY

DIVA IS DESIGNED TO WORK WITH BASS MODULE BY SIMPLE OPERATION FOR DYNAMIC LIVE MUSIC PERFORMANCE.



SUPERB ACOUSTIC DESIGN

25MM HIGH-FREQUENCY DRIVER IS MADE WITH A HEAT-TREATED TITANIUM FILM WITH EXTREMELY HIGH YOUNG'S MODULUS WHICH IS COMBINED WITH AN EDGE WOUNDED VOICE COIL TO ACHIEVE EXTREMELY HIGH SENSITIVITY AND HIGH-QUALITY SOUND REPRODUCTION AND IT IS LOADED WITH A PATENTED WAVEGUIDE DESIGN THAT ACHIEVES A COMBINATION OF 120 DEGREE HORIZONTAL AND 10 DEGREE VERTICAL COVERAGE.

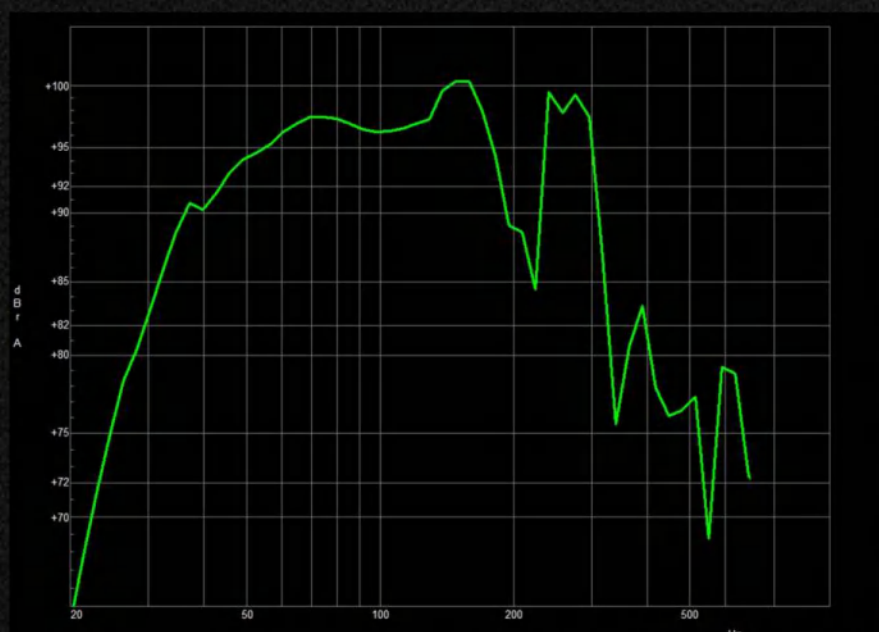
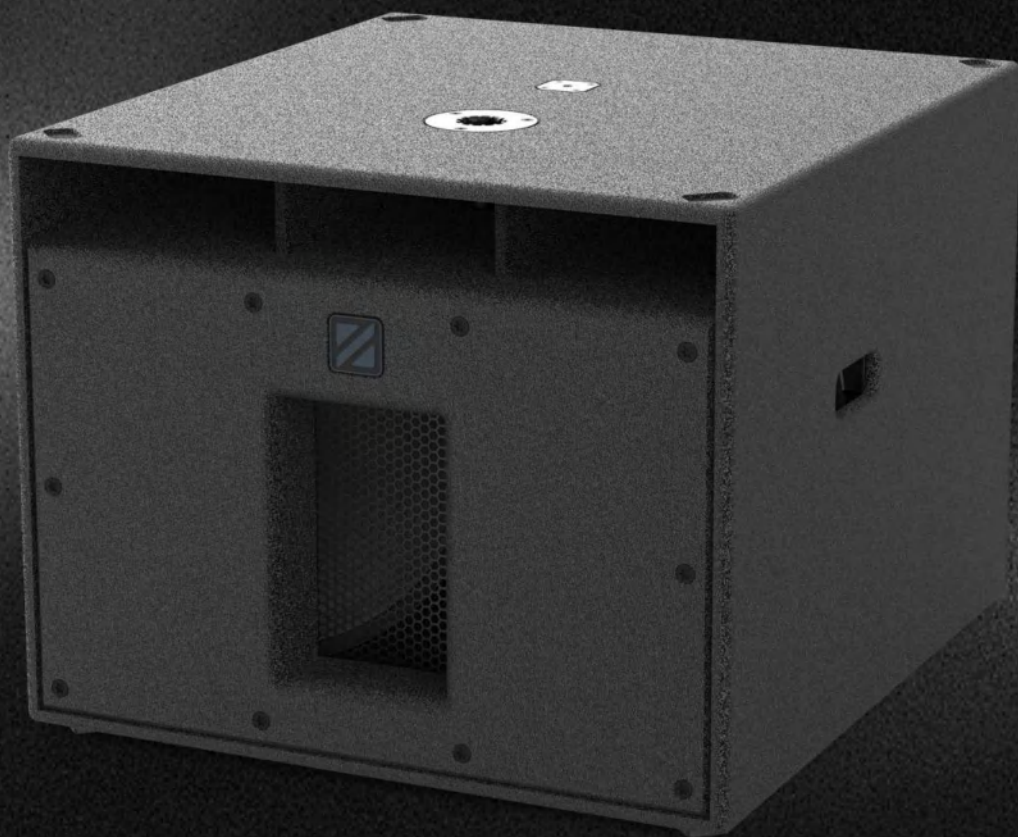
12" LIGHTWEIGHT NEODYMIUM TRANSDUCER WITH A HIGH SENSITIVITY OF 94DB/M*W AND FLAT FREQUENCY RESPONSE.



PRECISION DRIVE

SIX-ORDER BANDPASS SUBWOOFER DESIGN

SUBWOOFER MODULE USES TWO LONG-EXCURSION 15 INCH WOOFERS WITH A 6 ORDER BANDPASS CABINET DESIGN, FOR HIGH OUTPUT SOUND PRESSURE AND SMALL, LIGHTWEIGHT DESIGN GOALS.



PRECISION DRIVE

CARDIOID CONTROL TECHNOLOGY

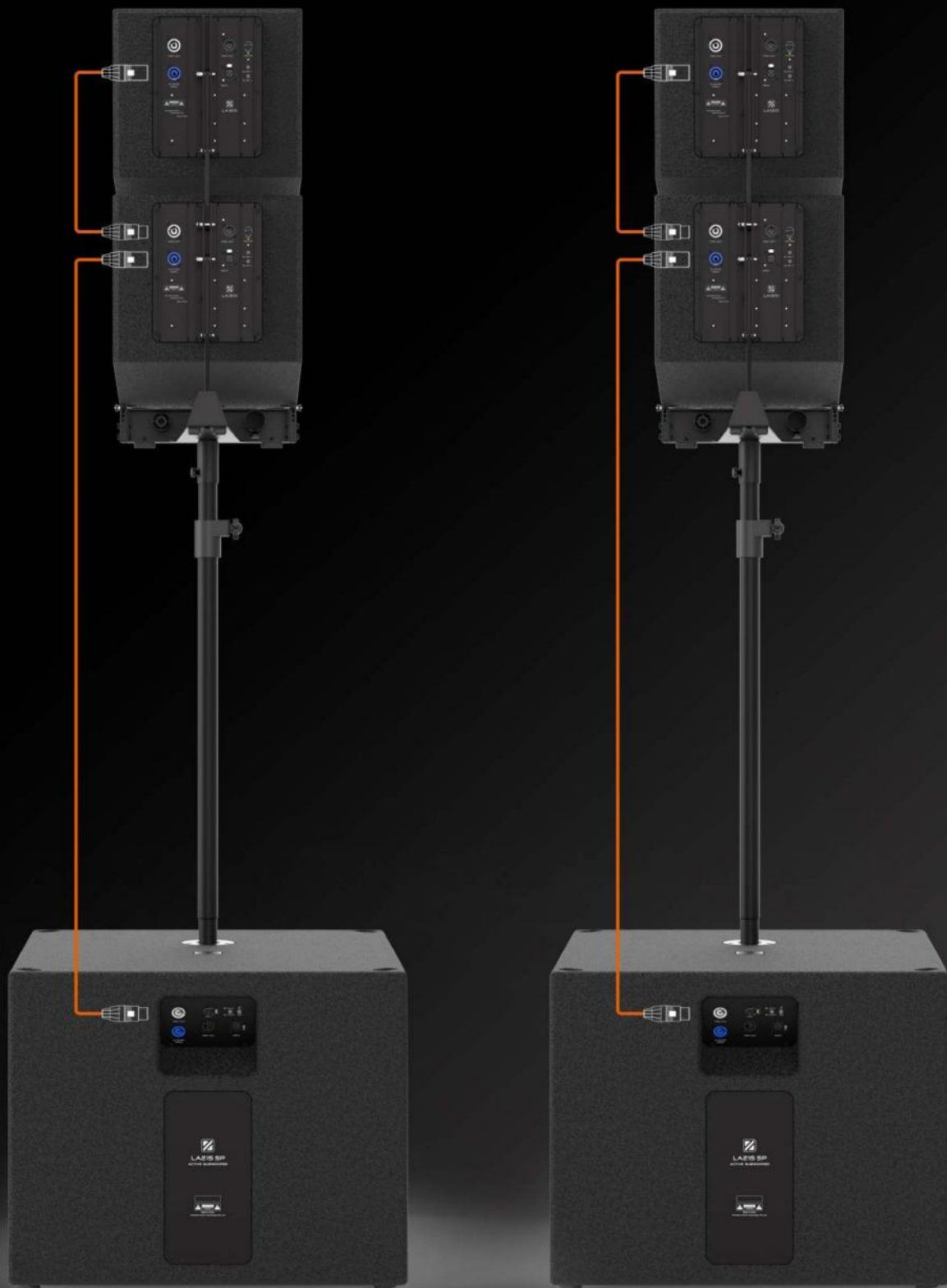
THE LA215SP SUBWOOFER HAS CARDIOID ARRAY PROCESSING ORIGINALLY DEVELOPED FOR CONCERT SUBWOOFER SYSTEMS. CARDIOID SUBWOOFER ARRAYS CAN BE USED TO DIRECT THE OUTPUT OF AN ARRAY OF SUBWOOFERS IN ORDER TO LIMIT EXCESSIVE AMOUNTS OF BASS IN UNDESIRED AREAS. THESE ARRAYS CAN BE USED TO KEEP BASS OFF OF A STAGE, PROVIDE MORE CONSISTENT BASS COVERAGE IN THE AUDIENCE, AND REDUCES BASS IN THE SURROUNDING AREA.

MULTIPLE LA215SP SERIES SUBS CAN BE ARRAYED TO CREATE A CARDIOID POLAR PATTERN. SEE CARDIOID PATTERN TOP VIEW. THE CARDIOID SETTING IN THE DSP IS OPTIMIZED TO PRODUCE A REAR REJECTION OF UP TO 35 DB WITHOUT ANY ADDITIONAL PROCESSING.



PRECISION DRIVE

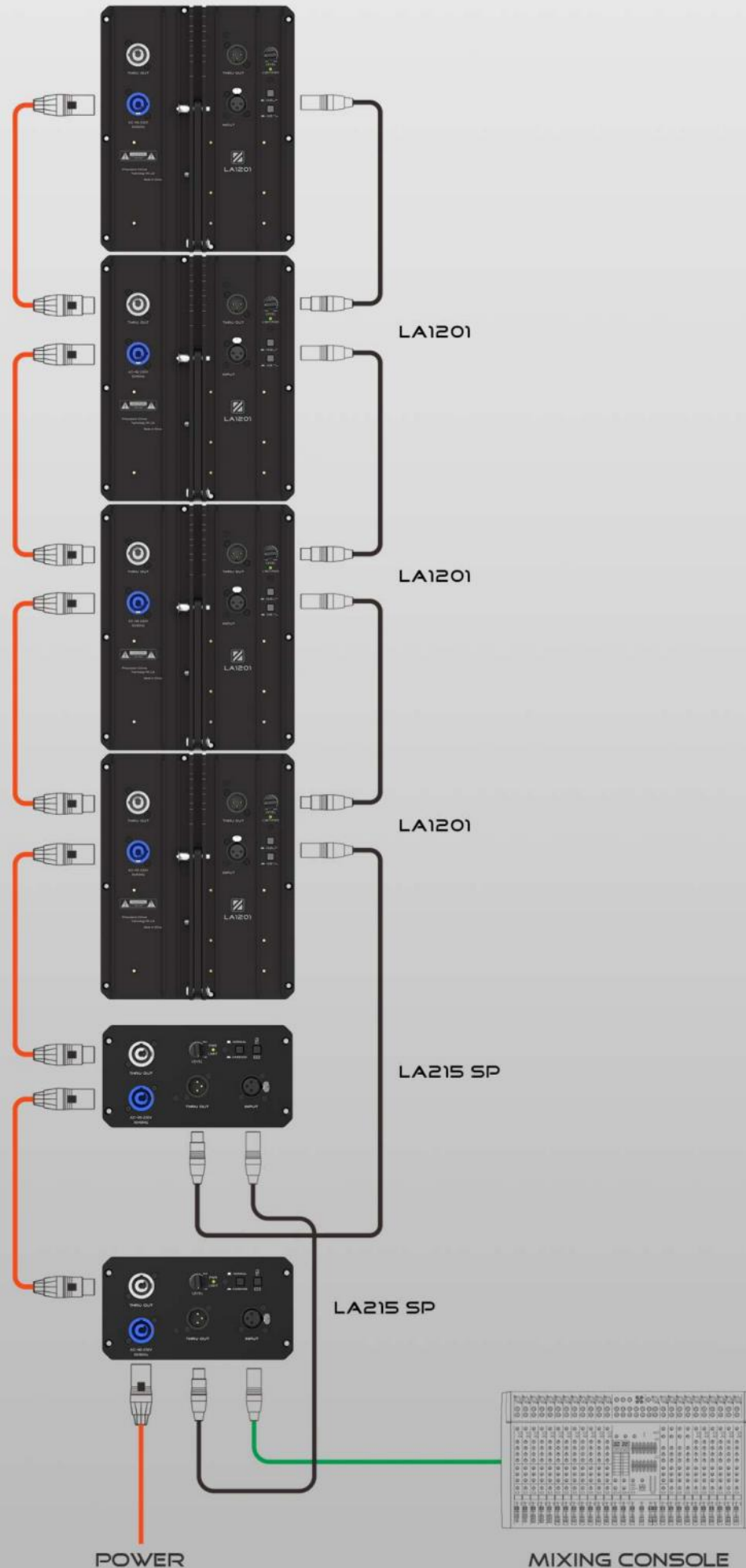
POWERCON SOCKET FOR DAISY-CHAIN POWER SUPPLY



PRECISION DRIVE

MULTIPLE CONNECTION OPTIONS

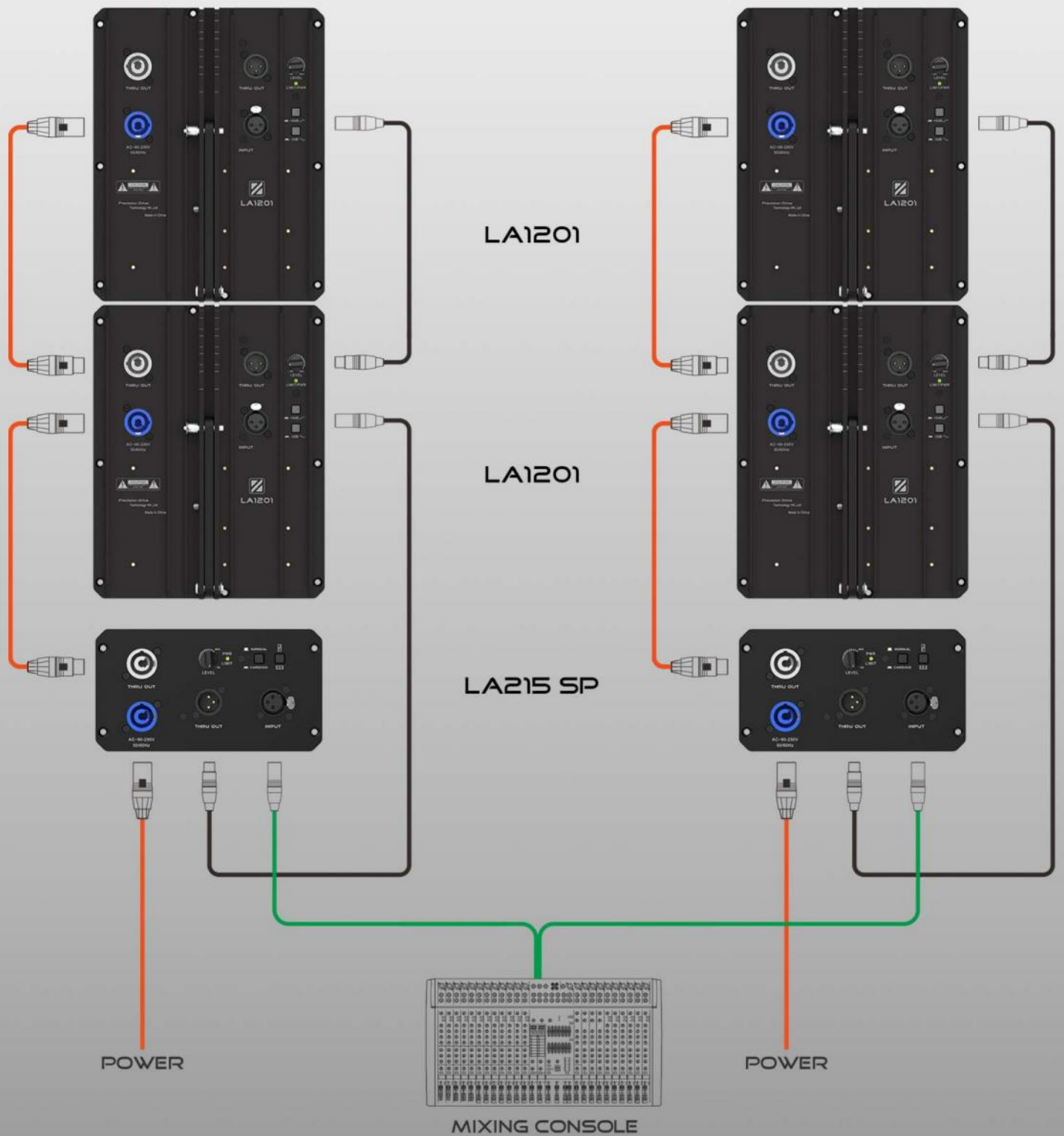
DIVA SYSTEM'S SIGNAL CONNECTIONS ARE VERY SIMPLE AND DIVERSE, EITHER INPUT FROM THE SUBWOOFER, ALL THE WAY TO THE TOPS, OR INPUT FROM THE TOP'S ALL THE WAY DOWN TO THE SUBWOOFERS.



POWER

MIXING CONSOLE

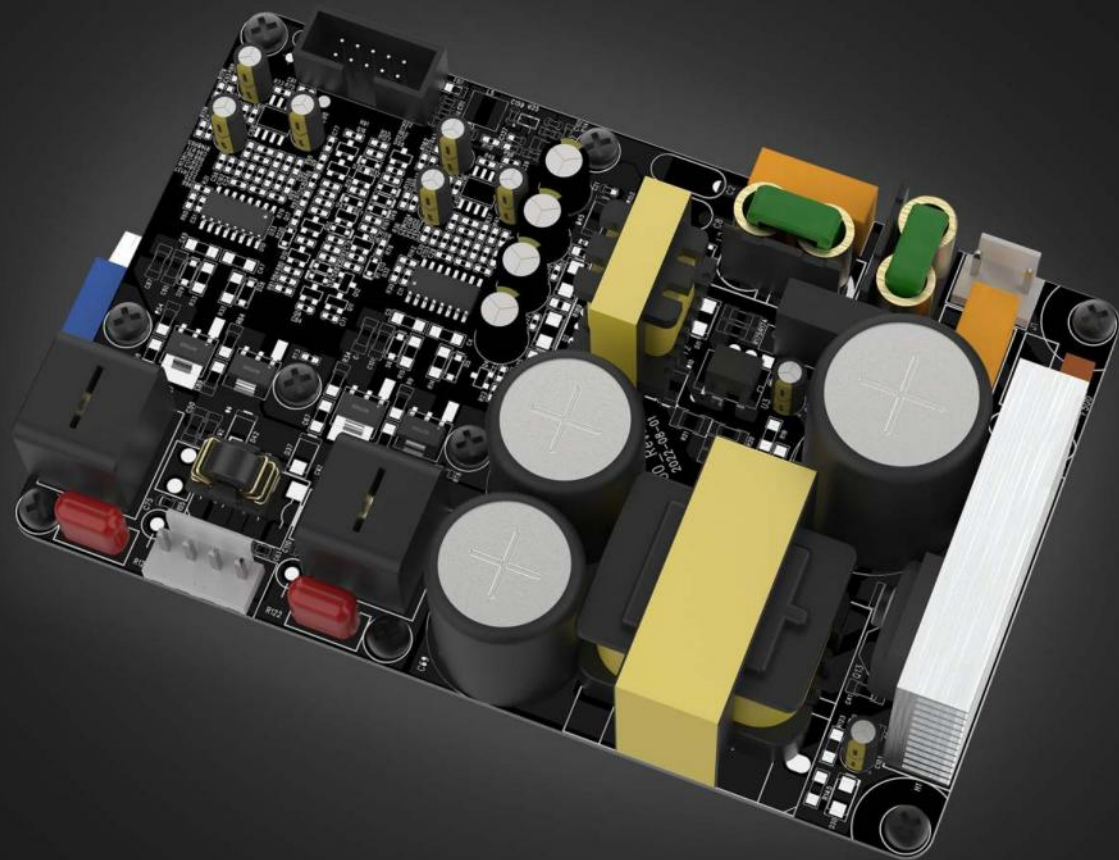
SIMPLY OPERATION AND NO TRAINING NEEDED



PRECISION DRIVE

HIGH EFFICIENT CLASS D AMP

ALL NEWLY DESIGNED UNIVERSAL MAINS INPUT
1600 WATTS PEAK POWER AMP MODULE
NOT ONLY LIGHTWEIGHT AND POWERFUL BUT ALSO BE ABLE
TO WORK FROM -20°C TO 50°C WITHOUT ANY PROBLEM.



DSP

24bit 96khz DSP for distortion free playback even at extreme conditions, and also activate protection for both transducers and amplifiers.

FULLY BALANCED ANALOGY INPUTS/OUTPUTS

Extremely low noise with fully balanced input and thru output circuits.



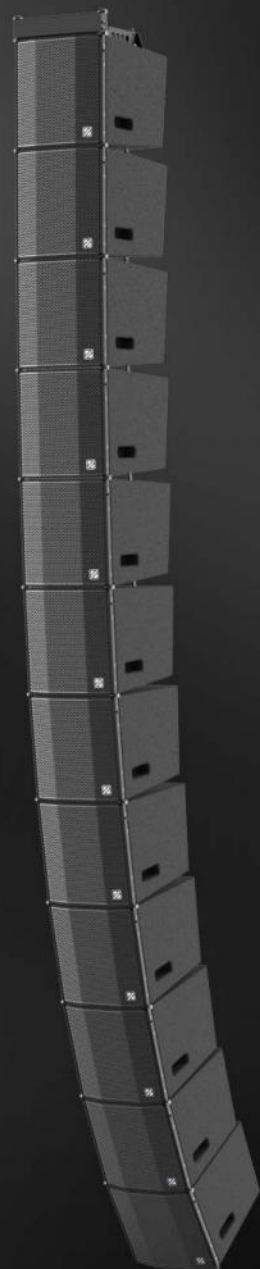
PRECISION DRIVE

APPLICATION EXAMPLE 1

FULL SIZE:

THROW: 150M, UP TO 4000 AUDIENCES

12×TOPS, 6×SUBS, 1×BRACKET



APPLICATION EXAMPLE 2

STANDARD SYSTEM:

THROW: 80M UP TO 1200 AUDIENCES

4×TOPS, 2×SUBS, 1×BRACKET



APPLICATION EXAMPLE 3

MINI SYSTEM:

THROW: 50M UP TO 800 AUDIENCES

2×TOPS, 1×SUBS, 1×BRACKET



SPECIFICATION



MODEL : LA1201			
FREQUENCY RANGE:	100Hz-23khz (-3dB)	AMPLIFICATION:	380W+250W Class D+SMPS
COVERAGE:	H120 degree * V10 degree	PROTECTION:	over heat/over current/short
MAX SPL:	136dB	UI:	Level control, HF gain +6dB/-3dB optional
SYSTEM DESIGN:	Line source active		
SYSTEM TYPE:	2way active	CABINET:	plywood + Polyurea
HF:	8 x 1" Ti Neo	GRILLE:	Powder coated steel
MID BASS:	1 x 12" Neo	SUSPENSION:	three point , 6mm pin
DSP:	24bit 96khz, Latency 2ms	ANGLES:	0/1/2/3/4/5/6/8
CONNECTION:	input: XLR thru out: XLR	DIMENSION:	W363*H383*D484
		NET WEIGHT:	10KG
		GROSS WEIGHT:	11KG



PRECISION DRIVE

SPECIFICATION

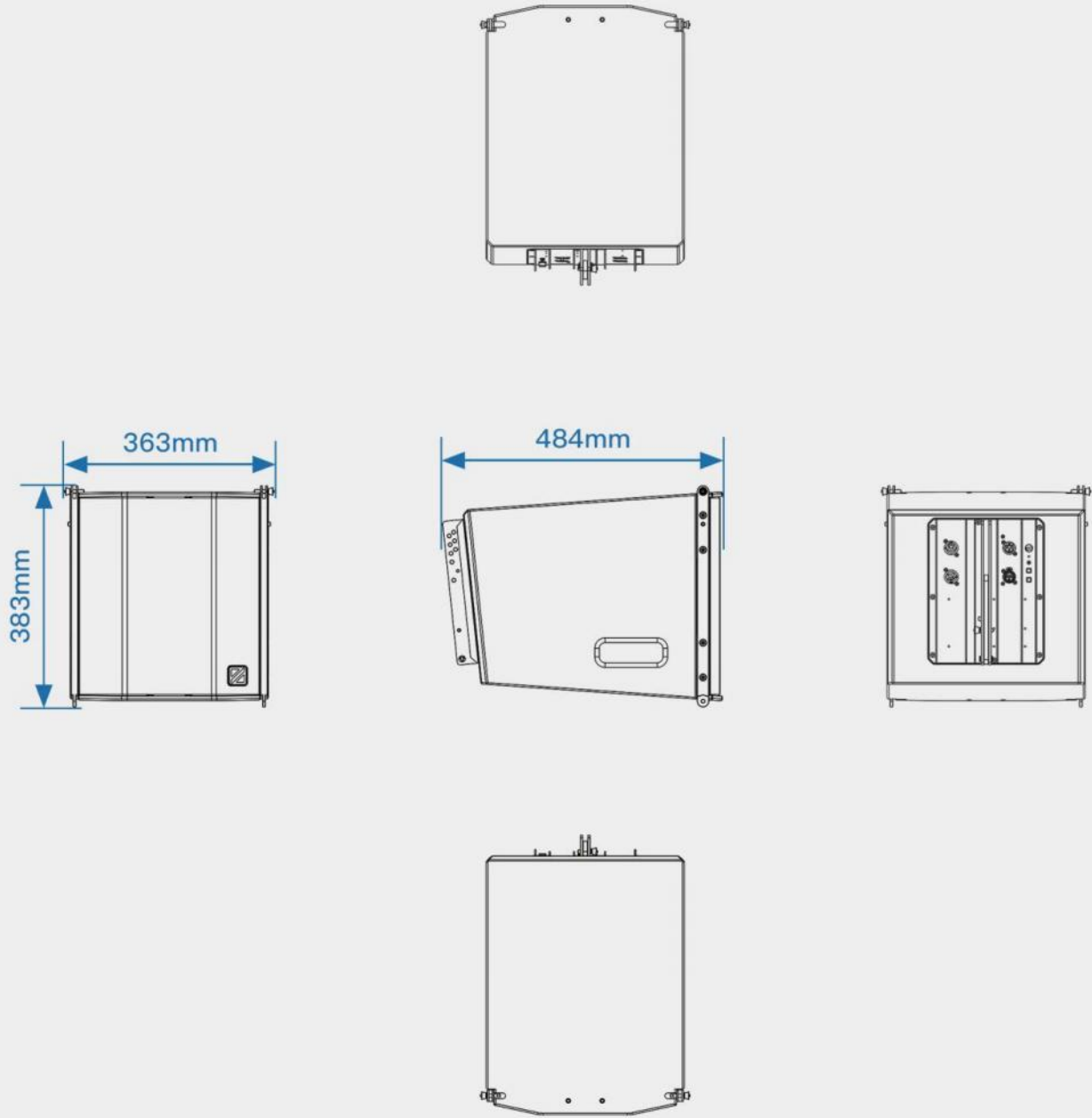


MODEL: LA215 SP			
FREQUENCY RANGE:	36-200Hz (-3dB)	TRANSDUCER:	2 x 15"
COVERAGE:	360degree (Or Cardioid for multiple Subs)	DSP:	24bit 96khz Latency 1ms
		AMPLIFICATION:	600W+600W Class D
Max SPL:	141dB	CABINET:	light weight plywood with Polyurea
SYSTEM TYPE:	Active Sub		
ACOUSTIC DESIGN:	6 order band pass	DIMENSION:	W700*H560*D750
UI:	Volume/ Cardioid	NET WEIGHT:	40KG
		GROSS WEIGHT:	43KG



PRECISION DRIVE

DIMENSION-LA1201



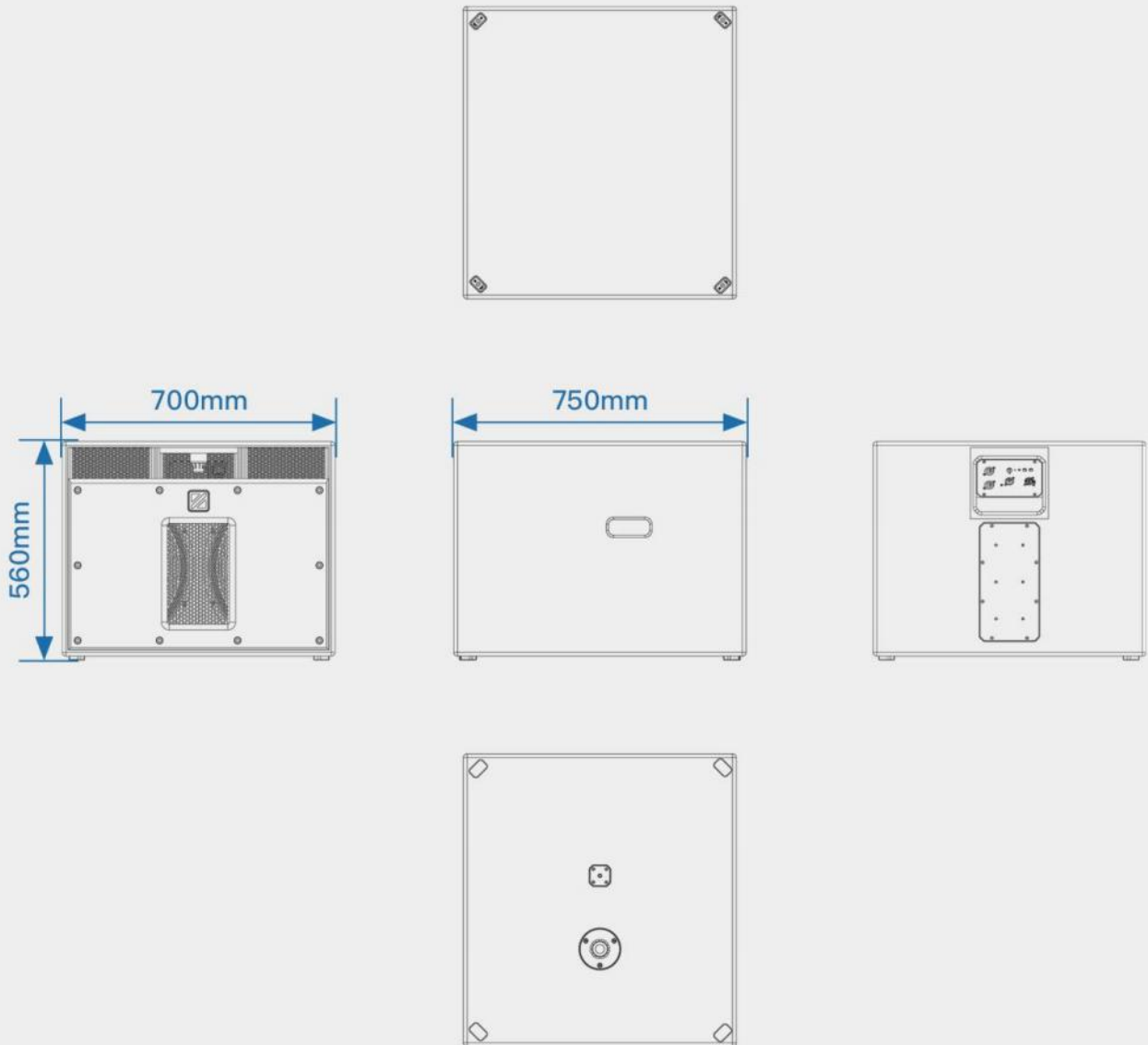
Net weight: 10kg

Gross weight: 11kg



PRECISION DRIVE

DIMENSION-LA215 SP



Net weight: 40kg

Gross weight: 43kg



PRECISION DRIVE