

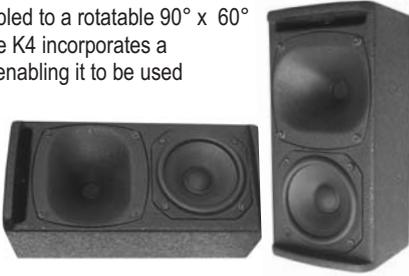
# CODA

C O D A A U D I O

## K-Series Manual

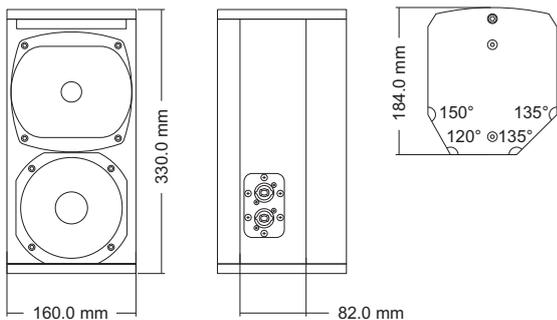
# K4

The Coda Audio K4 is an ultra compact versatile, full range, 2-way loudspeaker system that features a 5-inch ultra low distortion low frequency driver and 1-inch compression driver coupled to a rotatable 90° x 60° elliptical waveguide. The K4 incorporates a multi-design enclosure enabling it to be used horizontal, vertical or as a floor monitor. The addition of flying hardware as standard together with the ability to rotate the elliptical waveguide allows multipurpose applications.



TECHNICAL SPECIFICATIONS:	
Type:	Ultra compact 2-way full range system
Main Application:	Top and stage monitor
Frequency Response:	80Hz – 30kHz (-3dB)
Power Handling (AES):	125W
Program Power:	250W
Peak Power:	500W
Sensitivity:	92dB
Max SPL peak:	118dB
Dispersion:	90° x 60°
<b>Components:</b>	
Low frequency speaker:	5" / 1.5" VC ultra low distortion
High frequency driver:	1" / 1.5" VC driver
Crossover point:	1600Hz passive
Nominal impedance:	16Ω
Input connectors:	2xNeutrik™ NL4MP internal loop
Enclosure:	12mm Baltic birch plywood
Net weight:	6kg
Dimensions:	160 x 330 x 184mm

### Dimension drawing:



**Controller:** AC24UC  
**Suitable Subwoofer:** PW12, PW12A

### Accessoires and Flying hardware drawings:



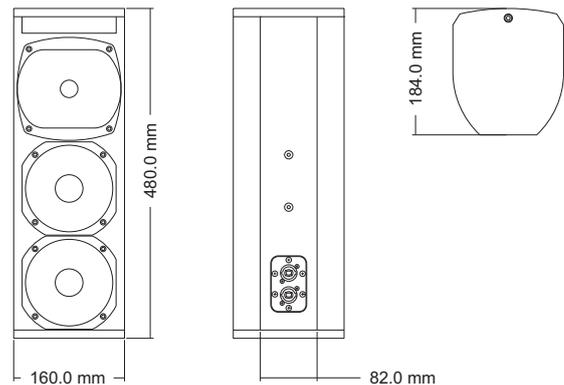
# K5

The Coda Audio K5 is an ultra compact full range 2-way loudspeaker system that features double 5-inch ultra low distortion cone drivers and a 1-inch compression driver coupled to a rotatable 90° x 60° elliptical waveguide. The addition of M6 flying points as a standard together with the ability to rotate the elliptical waveguide allows multipurpose applications.



TECHNICAL SPECIFICATIONS:	
Type:	Ultra compact 2-way full range system
Main Application:	Top
Frequency Response:	80Hz – 30kHz (-3dB)
Power Handling (AES):	250W
Program Power:	500W
Peak Power:	1000W
Sensitivity:	94dB
Max SPL peak:	124dB
Dispersion:	90° x 60°
<b>Components:</b>	
Low frequency speaker:	2x 5" / 1.5" VC ultra low distortion
High frequency driver:	1.5" VC driver
Crossover point:	1600Hz passive
Nominal impedance:	16Ω
Input connectors:	2xNeutrik™ NL4MP internal loop
Enclosure:	12/15mm Baltic birch plywood
Net weight:	8kg
Dimensions:	160 x 480 x 184mm

### Dimension drawing:



**Controller:** AC24UC  
**Suitable Subwoofer:** PW12, PW12A

### Accessoires and Flying hardware drawings:



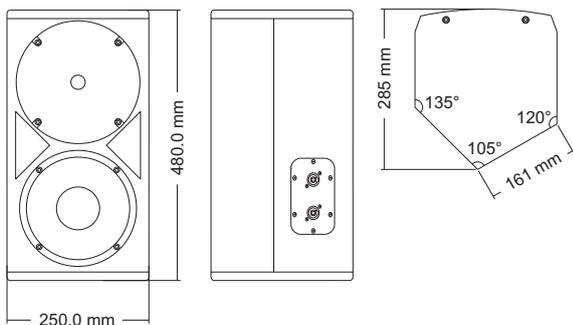
# K189/K189 Pro

The CODA Audio K189 is a compact, full range, high output loudspeaker system that offers both high fidelity and high efficiency for variety of applications. The asymmetric profile of the K189/K189Pro permits use as a Front of House P.A. System or as a Stage Monitor.



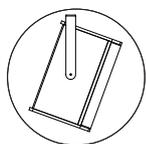
TECHNICAL SPECIFICATIONS:	
Type:	Ultra compact 2-way full range system
Main Application:	Top and stage monitor
Frequency Response:	60Hz – 30kHz (-3dB)
Power Handling (AES):	150W
Program Power:	300W
Peak Power:	600W
Sensitivity:	94.5dB
Max SPL peak:	122dB
Dispersion:	90° conical
<b>Components:</b>	
Low frequency speaker:	8"
High frequency driver:	1" driver
Crossover point:	1900Hz
Nominal impedance:	8Ω (K189) / 16Ω (K189Pro)
Input connectors:	2xNeutrik™ NL4MP internal loop
Enclosure:	15mm plywood
Net weight:	11.2kg (K189) / 13kg (K189Pro)
Dimensions:	250 x 480 x 285mm

Dimension drawing:



Controller: AC24S  
Suitable Subwoofer: PW112, PW118, PW18A

Accessoires and Flying hardware drawings:



U-bracket  
vertical



68620  
Truss clamp

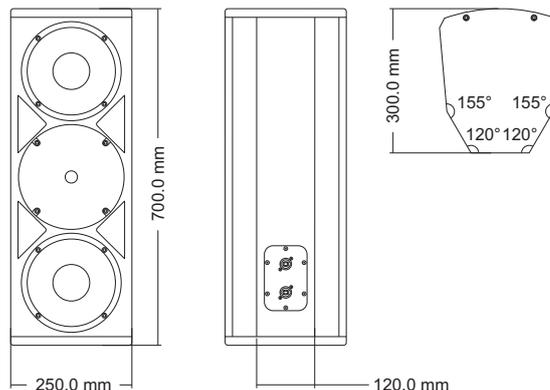
# K289/K289 Pro

The Coda Audio K289 contains a pair of low frequency 8-inch cone drivers with 2-inch voice coils, and a 1-inch high frequency driver mounted on a 90° conical waveguide. All Pro enclosures include 14 M6 mounting suspension points and an air cargo flying track.



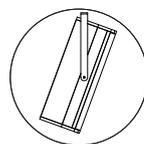
TECHNICAL SPECIFICATIONS:	
Type:	Ultra compact 2-way full range system
Main Application:	Top
Frequency Response:	55Hz – 30kHz (-3dB)
Power Handling (AES):	300W
Program Power:	600W
Peak Power:	1200W
Sensitivity:	97.5dB
Max SPL peak:	128dB
Dispersion:	90° conical (289)
<b>Components:</b>	
Low frequency speaker:	2x 8"
High frequency driver:	1" driver
Crossover point:	1900Hz
Nominal impedance:	4Ω (K289) / 16Ω (K289Pro)
Input connectors:	2xNeutrik™ NL4MP internal loop
Enclosure:	15mm plywood
Net weight:	17kg (K289) / 18kg (K289Pro)
Dimensions:	250 x 700 x 300mm

Dimension drawing:



Controller: AC24S  
Suitable Subwoofer: PW115, PW118, PW18A

Accessoires and Flying hardware drawings:



U-bracket  
vertical



68620  
Truss clamp

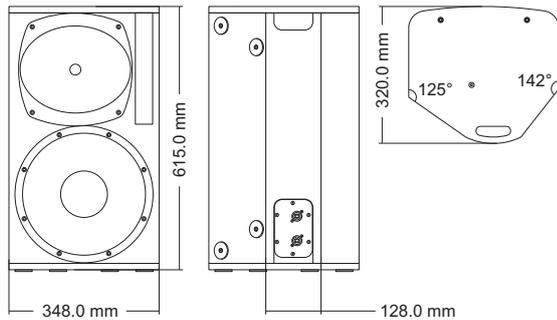
# K12v2

The Coda Audio K12 is a versatile, full range, two-way loudspeaker system that features a high power 12-inch neodymium woofer and a 1-inch neodymium compression driver coupled to an 80° x 60° rotatable elliptical waveguide. The K12 incorporates a multi-design enclosure fitted with M6 threaded points for use with an optional U-bracket and includes an integral top hat.



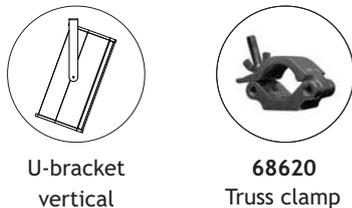
TECHNICAL SPECIFICATIONS:	
Type:	Compact 2-way full range system
Main Application:	Top and stage monitor
Frequency Response:	60Hz – 21kHz (-3dB)
Power Handling (AES):	500W
Peak Power:	2000W
Sensitivity:	99dB
Max SPL peak:	132dB
Dispersion:	80° x 60°
<b>Components:</b>	
Low frequency speaker:	12" neodymium woofer 3" (77 mm) VC, 500 W (AES)
High frequency driver:	1" neodymium compression driver 1.75" (44.4 mm) VC, 80 W
Crossover point:	1200Hz Passive
Nominal impedance:	8Ω
Input connectors:	2xNeutrik™ NL4MP internal loop
Enclosure:	15/18mm plywood
Net weight:	18kg
Dimensions:	348 x 615 x 320mm

### Dimension drawing:



**Controller:** AC24M  
**Suitable Subwoofer:** PW115, PW118, PW18A

### Accessoires and Flying hardware drawings:



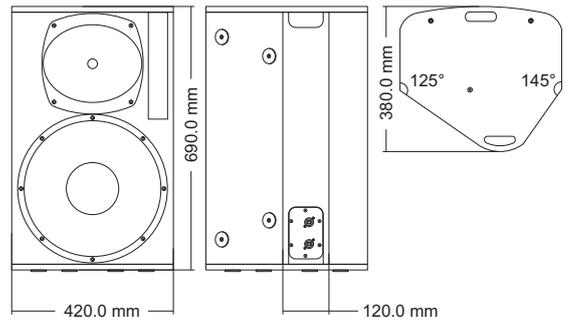
# K15v2

The Coda Audio K15 is a versatile, full range, two-way loudspeaker system that features a high power 15-inch neodymium woofer and a 1-inch neodymium compression driver coupled to an 80° x 60° rotatable elliptical waveguide.



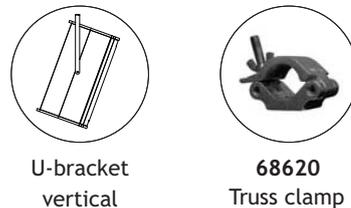
TECHNICAL SPECIFICATIONS:	
Type:	Compact 2-way full range system
Main Application:	Top and stage monitor
Frequency Response:	50Hz – 21kHz (-3dB)
Power Handling (AES):	500W
Peak Power:	2000W
Sensitivity:	99dB
Max SPL peak:	132dB
Dispersion:	80° x 60°
<b>Components:</b>	
Low frequency speaker:	15" neodymium woofer 3" (77 mm) VC, 500 W (AES)
High frequency driver:	1" neodymium compression driver 1.75" (44.4 mm) VC, 80 W
Crossover point:	1200Hz Passive
Nominal impedance:	8Ω
Input connectors:	2xNeutrik™ NL4MP internal loop
Enclosure:	15 mm plywood
Net weight:	22kg
Dimensions:	420 x 690 x 380mm

### Dimension drawing:



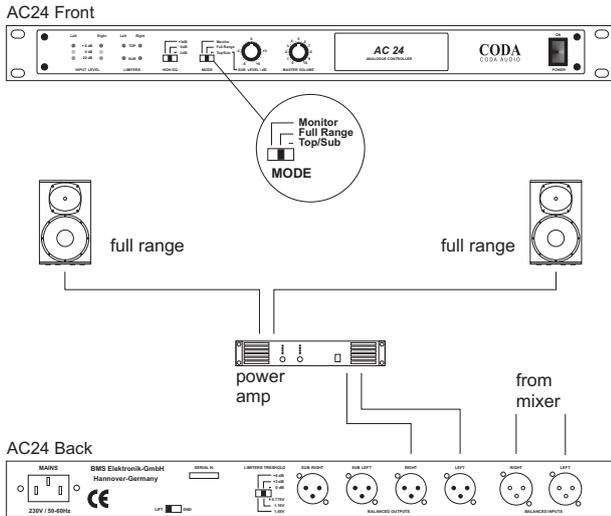
**Controller:** AC24L  
**Suitable Subwoofer:** PW115, PW118, PW18A

### Accessoires and Flying hardware drawings:



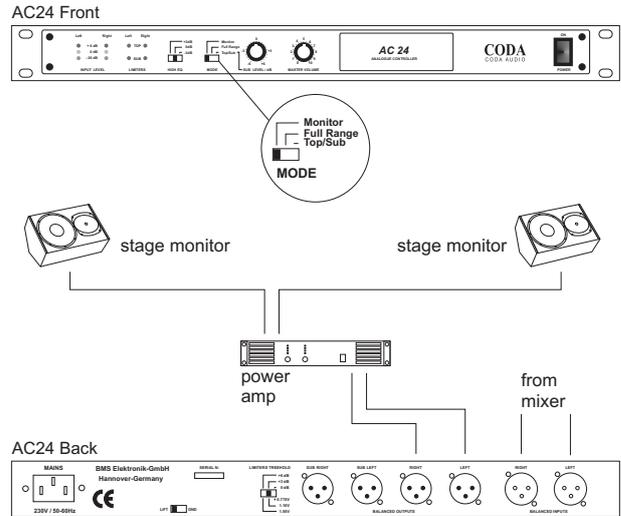
# How to use the AC24 Analog Signal Processor

## mode - FULL RANGE



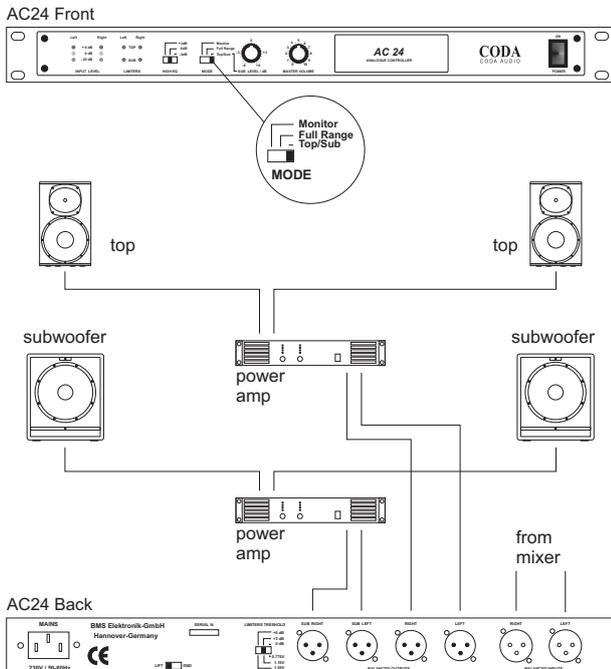
In **Full Range** mode the AC24 provides:  
Stereo subsonic filters, bass EQ, High EQ  
for room compensation and limiters.

## mode - MONITOR



In **Monitor** mode the AC24 provides:  
Stereo subsonic filters, half space compensation  
for floor coupling, High EQ and limiters.

## mode - TOP/SUB



In **Top/Sub** mode the AC24 provides:  
Stereo 24dB Linkwitz-Riley crossovers, subsonic  
filters, bass EQ, High EQ for room compensation  
and limiters for all four outputs.

Although the K-Series loudspeakers incorporate dedicated passive crossovers ensuring linear frequency and phase response allowing them to work without additional processing, the use of the AC24 processor improves dramatically the overall system performance offering protection and frequency response optimization either in full range, stage monitor applications or in combination with subwoofers.

Utilizing different modules the AC24 is precisely matched to the K-Series models.

**Please use the following modules:**

**K4, K5:** AC24UC

**K189/K189Pro, K289/289Pro:** AC24S

**K12:** AC24M

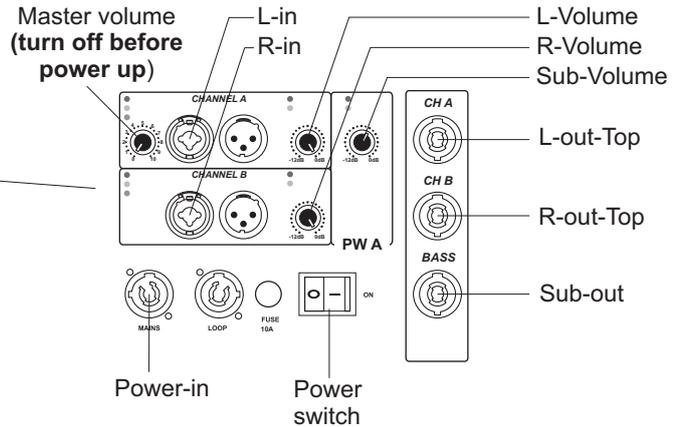
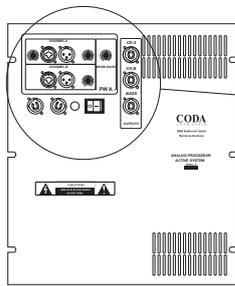
**K15:** AC24L

The AC24 stereo controller contains two inputs and four outputs.

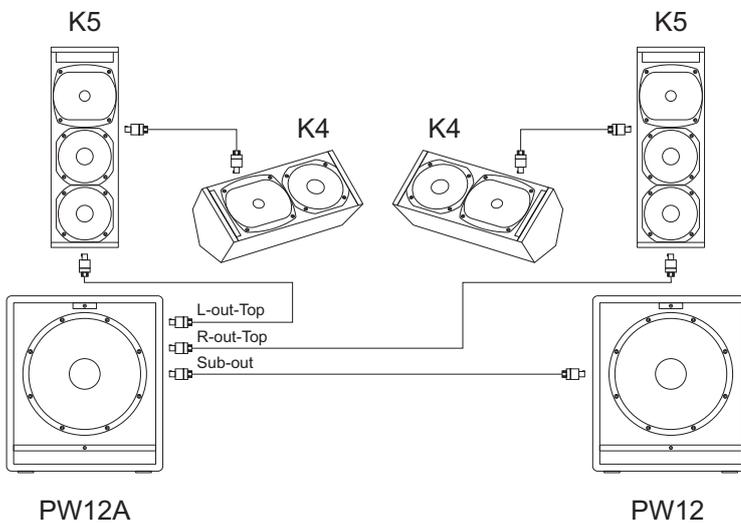
Using the K-Series cabinets together with the AC24 controller, the recommended Coda Audio subwoofers and high quality amplifiers allows you to create systems ideally suited for live bands, clubs, corporate events and Front-of-House applications.

# How to use the PW12A, PW15A and PW18A – System Subwoofer

## Back of PW12A, PW15A-Pro, PW18A



## D-core 2.2 mobile

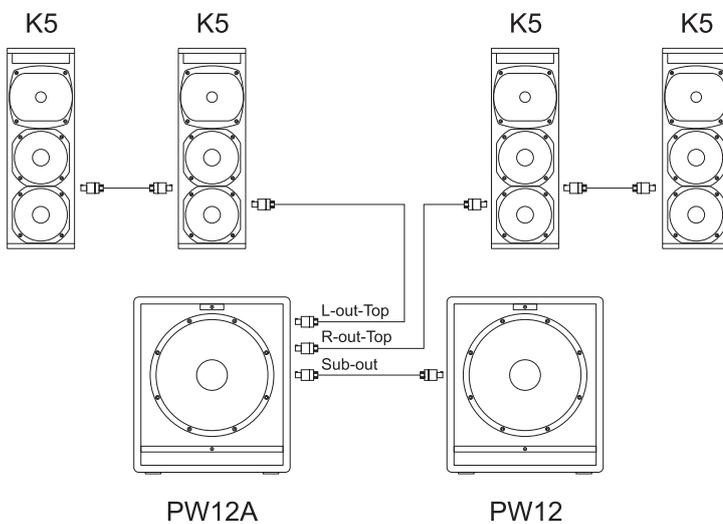


Applications: Ultra compact Active PA and stage monitor System for Solo-Entertainer, Duos, Unplugged, mobile DJ

PW12A, PW15A-Pro, PW18A, PW18A-Pro

Active tri-amp system subwoofers with amplifier outlets for passive tops contain 1.600W amplification and analogue processor including crossovers, limiters, EQ's etc for a complete stereo Sub/Sat system.

## D-core 2.5 install

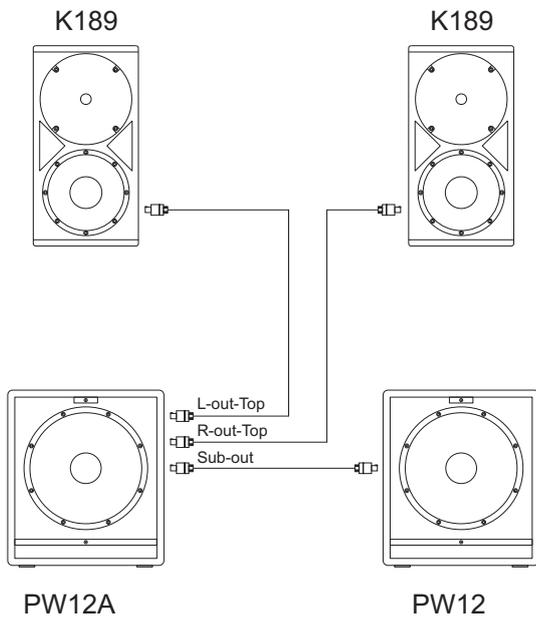


Applications: Active four point installation system for Bistros, Restaurants, Pubs, Shopping Centers, Convention Centers, Multimedia, Houses of worship, Conferences or Corporate events

System integration: Optimized to work together with the K-series cabinets, the PW-series active system subwoofers can be connected to different mid-high loudspeakers depending on the venue size, music or visual requirements to build a complete stereo Sub/Sat system while replacing multiple 19" audio gear and eliminate the need of external racks.

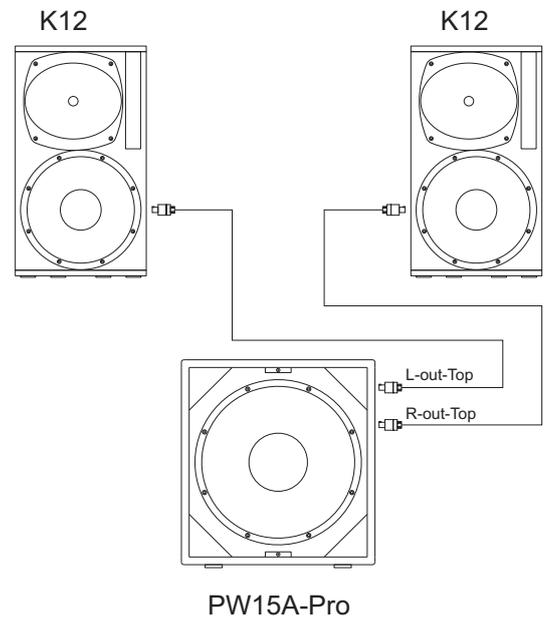
# How to use the PW12A, PW15A and PW18A – System Subwoofer

## D-core 2.3 mobile



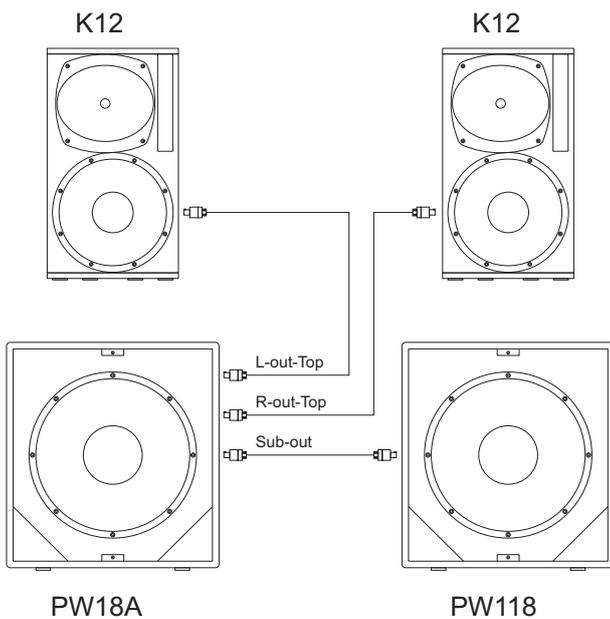
Applications: Ultra compact Active PA-System for Solo-Entertainer, Duos, unplugged, mobile DJ, Corporate events

## D-core 5.2 mobile



Applications: Ultra compact Active PA-System for Rental Companies, Show and Cover bands, optimal dimension to power ratio, fits in a car.

## D-core 8.3 mobile



Applications: Compact Active PA-System for Rental Companies, Show and Cover bands.

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