

PRECISION DRIVE

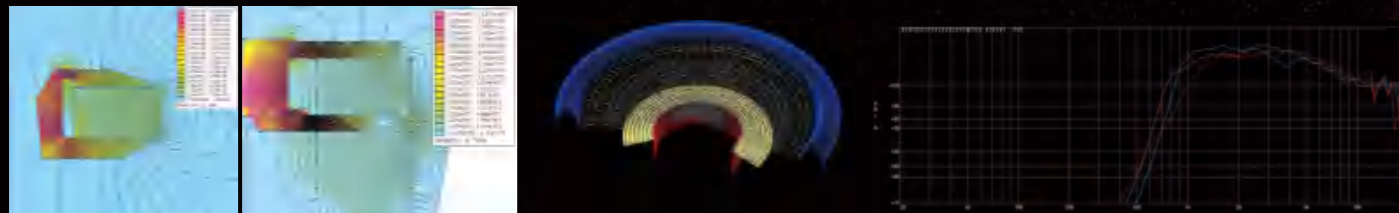
PRECISION DRIVE ELECTRONICS TECHNOLOGY CO., LTD. GUANGZHOU CHINA

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## COMPANY INTRODUCTION

PD IS AN ENGINEERING ORIENTED COMPANY FOCUSES ON PROFESSIONAL SOUND EQUIPMENT DESIGN AND MANUFACTURE, UNLIKE OTHER CHINESE COMPANY OUR DESIGN STARTS FROM A SINGLE PRECISION TRANSDUCER PART TO A SOPHISTICATED SPEAKER SYSTEM, KEEP OUR UNIQUE POSITION IN THE PRO MARKET. WITH NUMBERS OF MODERN DESIGN TOOL LIKE FEA AND 3D MODELLING, WE KEEP OUR PRODUCT'S PERFORMANCE OPTIMIZED AND COST EFFECTIVE. SCIENTIFIC IS ONE OF OUR CORE PHILOSOPHY, FROM PRECISELY DEFINING A PRODUCT, TO PRECISELY DESIGNING A PART...FINALLY TO THE END THAT OUR PRODUCT PRECISELY DRIVES THE AIR FORM ACCURATE SOUND WAVE TO YOUR EAR... THAT'S PRECISELY WHAT PD MEANS TO US.



## TRANSDUCER TECHNOLOGY

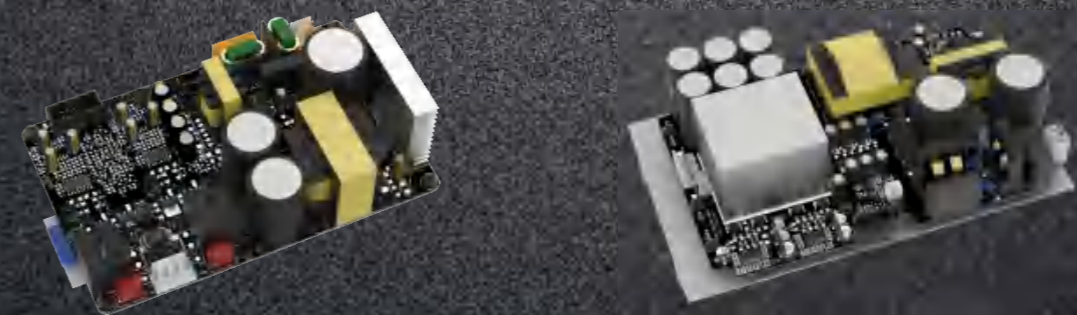
ALL OF OUR TRANSDUCERS ARE DESIGNED AND MADE IN HOUSE, WE DESIGN AND OWN ALL THE TRANSDUCER PART TOOLS TO MAKE SURE SUPERB SOUND QUALITY.

COMPRESSION DRIVER TECHNOLOGY: IT'S ALL ABOUT PRECISION, OUR PATENT IN COMPRESSION DRIVER DESIGN ENSURE THAT WE DO NOT NEED A SPACER TO ELIMINATE THE TOLERANCE BETWEEN DIAPHRAM AND PHASE PLUG WHICH IS WHAT OTHER COMPANY IS DOING FOR THEIR ONE. WITH FEA OPTIMIZED MOTOR STRUCTURE, WE WILL BE ABLE TO USE FERRO FLUID IN THE GAP TO CONDUCT HEAT BETTER TO ACHIEVE MUCH HIGHER POWER HANDLING. OUR COMPRESSION DRIVER NOT ONLY OUTPUT HIGHER SOUND PRESSURE BUT ALSO SOUNDS BETTER THAN COMPETITORS.



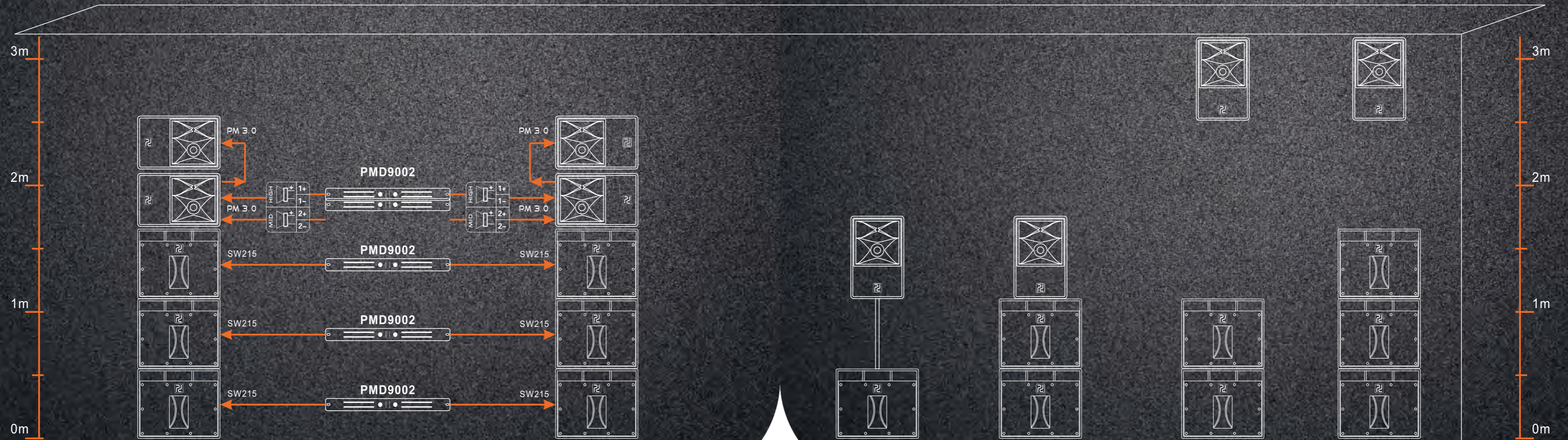
## CLASS D AMPLIFIER TECHNOLOGY

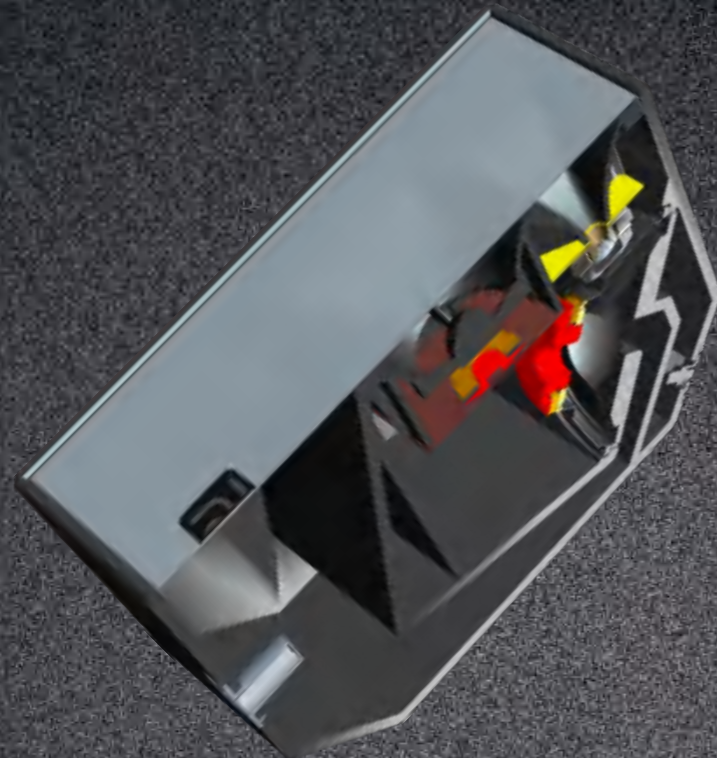
PRECISION DRIVE WILL NOT CONTINUE ANY ANALOGY AMPLIFIER DESIGN AND MANUFACTURE IN THE NEAR FUTURE. CLASS D AMPLIFIER REPRESENT THE FUTURE OF AMPLIFIER: LIGHT WEIGHT AND HIGH EFFICIENCY, PRECISION DRIVE IS FOCUSING ON THE MOST ADVANCED CLASS D AMP. TECHNOLOGY, GaN MOS-FET TO IMPROVE RELIABILITY AND DROP WEIGHT.



## SOUND SYSTEM DESIGN AND DSP TECHNOLOGY

FROM PASSIVE SPEAKER TO ACTIVE DRIVEN FULL HORN LOAD SYSTEM, WE DO ALL THE DESIGN IN HOUSE. THERE ARE TWO MAIN TYPES OF SOUND SYSTEM DESIGNS THAT HAVE BEEN PROMINENT IN THE MARKET, CONSISTING OF SINGLE POINT SOURCE OR MULTIPLE POINT SOURCE CONCEPTS LIKE LINE ARRAY. MULTI POINT SOURCE AROSE FROM THE REQUIREMENTS FOR VERY HIGH OUTPUT POWER. BOTH OF THEM HAVE ADVANTAGES THAT THE OTHER DO NOT HAVE. FOR SMALL OR MEDIUM OCCASIONS, LET'S SAY LESS THAN 10K AUDIENCE THE POINT SOURCE WILL BE MUCH SIMPLER AND EASIER TO USE, ALSO SOUND QUALITY IS SUPERB FROM A POINT SOURCE SYSTEM. BUT FOR BIG OCCASIONS LIKE 30K AUDIENCE, YOU BETTER CHOOSE A LINE ARRAY. LINE ARRAY STILL CAN NOT COMPETE POINT SOURCE IN SOUND QUALITY BUT IT DOES OUTPUT HIGHER SOUND PRESSURE. THAT'S WHY WE DON'T MAKE SMALL LINE ARRAY SYSTEM, FOR SMALL OCCASIONS POINT SOURCE WILL TAKE ALL THE ADVANTAGES: MUCH EASIER TO INSTALL AND UNINSTALL, BETTER SOUND QUALITY. THE KEY IS FOR SMALL OCCASIONS, OUR FULL HORN LOAD POINT SOURCE SOUND SYSTEM WILL BE MORE THAN ENOUGH TO SATISFY THE FARTHEST AUDIENCE. THE INSTALLATION TIME WILL BE ONLY 1/3 OF A SMALL LINE ARRAY SYSTEM. OUR DSP TECHNOLOGY WILL ENSURE EVEN OUTPUTTING THE MAXIMUM SPL, OUR TRANSDUCER AND AMPLIFIER ARE STILL WORKING IN THE BEST CONDITION, NO AUDIBLE DISTORTION AND PHYSICAL DAMAGE. SYSTEM COMPATIBILITY - EVERY PRODUCT IS PART OF A SYSTEM SOLUTION, OPTIMIZED FOR BEST PERFORMANCE.





## POINT SOURCE MODULAR SERIES

THE PM SERIES IS ONE OF OUR REPRESENTATIVE FOR ALL HORN LOAD POINT SOURCE TECHNOLOGY. IT IS A LINE OF VERY HIGH OUTPUT ACTIVE-DRIVEN LOUDSPEAKERS IN COMPACT SIZE. AS POINT SOURCE WILL ALWAYS HAVE ADVANTAGES IN SOUND QUALITY, FOR APPLICATIONS LESS THAN 1000 PEOPLE WE WOULD STRONGLY RECOMMEND YOU TO CHOOSE THE PM SERIES, THE PM SYSTEM HAS BEEN DESIGNED FOR PLUG AND PLAY OPERATION.

COMPARE WITH SMALL SIZE LINE ARRAY SYSTEM, TO SET UP THE PM SEIRES COULD SAVE UP TO 75% OF YOUR TIME. THE PM3.0 MID/HIGH MODULER MAKES UP THE CORE OF THE SUPERB SOUNDING SUBS INCLUDE DOUBLE 15" BANDPASS DESIGN FOR ULTRA COMPACT SIZE AND DOUBLE 18 HORN LOAD DESIGN FOR ULTRAL HIGH OUTPUT AND EFFICIENCY.

### MODEL: PM3.0

Max SPL Long-term:	132dB
Max SPL Peak:	135dB
Response:	130Hz to 22kHz (-3dB)
Response:	95Hz to 24kHz (-10dB)
Impedance:	Low 16Ω; Mid 16Ω; High 8Ω
Crossover Point:	130Hz, 800Hz, 2.6kHz
Speaker Input:	One Speakon
Cabinet Material:	lightweight plywood
Handles:	2
Pole Mount:	35 mm
Color:	Matt Black
Height:	700 mm (27.55")
Width:	450 mm (17.72")
Depth:	480 mm (18.90")
Weight:	34 kg (74.8lbs)



Max SPL Long-term	134dB
Max SPL Peak	137dB
Response	38Hz to 190Hz (-3dB)
Response	34Hz to 200Hz (-10dB)
Impedance	4Ω
Crossover Point	130Hz

### LOW FREQUENCY SECTION

Acoustic Design	bandpass
Low Frequency Amplifier Requirement	1200-1600Watts @ 4Ω
Number of Drivers	2
Woofers Size / Voice Coil Diameter / Design	15" / 3" Inside Outside
Diaphragm Material	Treated paper cone
Magnet Type	Ferrite

### SPEAKER INPUT

Speaker Input	One Speakon
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### CABINET

Cabinet Material	lightweight plywood
Handles	2
Pole Mount	35mm
Color	Matt Black

### PHYSICAL DIMENSIONS

Height	550 mm (21.62")
Width	700 mm (27.55")
Depth	750 mm (29.52")
Weight	51 kg (112.4lbs)

## 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.

8" LIGHTWEIGHT NEODYMIUM TRANSDUCER WITH A HIGH SENSITIVITY OF 94DB/M<sup>2</sup>W AND FLAT FREQUENCY RESPONSE.

## SIX-ORDER BANDPASS SUBWOOFER DESIGN

SUBWOOFER MODULE USES TWO LONG-EXCURSION 12 INCH WOOFERS WITH A 6 ORDER BANDPASS CABINET DESIGN, FOR HIGH OUTPUT SOUND PRESSURE AND SMALL, LIGHTWEIGHT DESIGN GOALS.



### MODEL : LAB01

Frequency range :	100Hz-23khz ( -3dB )
Amplification :	300W+100W class D+SMPS
Coverage :	H120 degree * V10 degree
Max spl :	132dB
Protection :	over heat/over current/short
System design :	Line source active
UI :	Level control , HF gain +6/-3dB optional
System type :	2way active
HF :	5 × 1" Ti Neo
Mid bass :	1 × 8" Neo
DSP :	24bit 96khz , Latency 2ms
Suspension :	three point , 6mm pin
Angles :	0/1/2/3/4/5/6/8
Dimension :	W238*H238*D395.5
Net weight :	4.91KG

### MODEL : LA212 SP

Frequency range :	40-200Hz ( -3dB )
Transducer :	2 × 12"
Coverage :	360 degree ( Or Cardioid for multiple Subs)
Max SPL :	138dB
DSP :	24bit 96khz Latency 1ms
Amplification :	600W+600W Class D
System type :	Active Sub
Acoustic Design :	6 order band pass
UI :	Volume/ Cardioid
Cabinet :	light weight plywood with Polyurea
Dimension :	W465*H675*D650
Net weight :	24.61KG





### APPLICATION EXAMPLE 1

FULL SIZE:  
THROW: 100M, UP TO 2000 AUDIENCES  
12 x TOPS, 6 x SUBS, 1 x BRACKET



### APPLICATION EXAMPLE 2

STANDARD SYSTEM:  
THROW: 50M UP TO 800 AUDIENCES  
4 x TOPS, 2 x SUBS, 1 x BRACKET



### APPLICATION EXAMPLE 3

MINI SYSTEM:  
THROW: 30M UP TO 500 AUDIENCES  
2 x TOPS, 1 x SUBS, 1 x BRACKET, 1 x POLE



## SUPERB ACOUSTIC DESIGN

EXACTLY THE SAME 25MM HIGH-FREQUENCY DRIVER, ON DIVA WE USE 8 PIECES INSTEAD OF 5 TO BE MORE POWER AND TO HAVE MORE SENSITIVITY.

12" LIGHTWEIGHT NEODYMIUM TRANSDUCER WITH A HIGH SENSITIVITY OF 98DB/M\*W AND FLAT FREQUENCY RESPONSE. WE ALSO LOWERED THE IMPEDANCE TO LET THE AMP OUTPUT MORE POWER.

## 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.



### MODEL: LA1201

Frequency range:	100Hz-23khz ( -3dB )
Amplification:	380W+250W class D+SMPS
Coverage:	H120 degree * V10 degree
Max spl:	136dB
Protection:	over heat/over current/short
System design:	Line source active
UI:	Level control, HF gain +6/-3dB optional
System type:	2way active
HF:	8 x 1" Ti Neo
Mid bass:	1 x 12" Neo
DSP:	24bit 96khz, Latency 2ms
Suspension:	three point, 6mm pin
Angles:	0/1/2/3/4/5/6/8
Dimension:	W363*H383*D484
Net weight:	10KG

### MODEL: LA215 SP

Frequency range:	36-200Hz ( -3dB )
Transducer:	2 x 15"
Coverage:	360 degree ( Or Cardioid for multiple Subs)
Max SPL:	141dB
DSP:	24bit 96khz Latency 1ms
Amplification:	600W+600W Class D
System type:	Active Sub
Acoustic Design:	6 order band pass
UI:	Volume/ Cardioid
Cabinet:	light weight plywood with Polyurea
Dimension:	W700*H560*D750
Net weight:	40KG



### APPLICATION EXAMPLE 1

FULL SIZE:  
THROW: 150M, UP TO 4000 AUDIENCES  
12 x TOPS, 6 x SUBS, 1 x BRACKET



### APPLICATION EXAMPLE 2

STANDARD SYSTEM:  
THROW: 80M UP TO 1200 AUDIENCES  
4 x TOPS, 2 x SUBS, 1 x BRACKET



### APPLICATION EXAMPLE 3

MINI SYSTEM:  
THROW: 50M UP TO 800 AUDIENCES  
2 x TOPS, 1 x SUBS, 1 x BRACKET, 1 x POLE



## AP SERIES PORTABLE LOUDSPEAKER

THE AP SERIES IS OUR PREMIUM ACTIVE LOUDSPEAKER. IT IS A LINE OF HIGH OUTPUT LIGHT WEIGHT ACTIVE LOUDSPEAKERS. 2000WATTS COOL-RUNNING CLASS D AMP, ON BOARD DSP EQ AND CROSSOVER DESIGN, HIGH OUTPUT 36MM COMPRESSION DRIVER AND A 2" COIL CUSTOM MADE WOOFER INSURE HIGH SENSITIVITY AND POWER HANDLING. THE AP SERIES CONTAINS A 12" TWO WAY SPEAKER AP112, A 15" TWO WAY SPEAKER AP115.



### MODEL: AP112

System design: 12" 2 way vented  
 LF Driver: 12" woofer with 2" coil  
 HF Driver: 36mm compression driver, horn loaded  
 Nominal Impedance: 8Ω  
 Frequency range: 50hz-20khz(-3dB)  
 Max. SPL/1m: 133dB peak  
 Power rating: 1800W PEAK  
 Crossover Freq: 4th/1.8kHz DSP  
 Coverage pattern: 100H\*60V  
 Connector: (2) XLR/TRS Combo Jacks, (1) RCA Input, (1) Wireless Bluetooth Audio Input (1) XLR THRU Output, Bluetooth TWS  
 Pole mount: 35mm\*1  
 Dimensions: W356.5\*H607\*D350mm  
 Net Weight: 14.7Kg

### MODEL: AP115

System design: 15" 2 way vented  
 LF Driver: 15" woofer with 2" coil  
 HF Driver: 36mm compression driver, horn loaded  
 Nominal Impedance: 8Ω  
 Frequency range: 46hz-20khz(-3dB)  
 Max. SPL/1m: 135dB peak  
 Power Rating: 1800W PEAK  
 Crossover Freq: 4th/1.8kHz DSP  
 Coverage pattern: 100H\*60V  
 Connector: (2) XLR/TRS Combo Jacks, (1) RCA Input, (1) Wireless Bluetooth Audio Input (1) XLR THRU Output, Bluetooth TWS  
 Pole mount: 35mm\*1  
 Dimensions: W425\*H685\*D385mm  
 Net Weight: 16.5 Kg



### ACOUSTIC PERFORMANCE

Max SPL Long-term:  
 Max SPL Peak:  
 Response:  
 Response:  
 Impedance:  
 DSP Crossover Point Set:

### AP112SP

125dB  
 128dB  
 53Hz to 93Hz (-3dB)  
 44Hz to 130Hz (-10dB)  
 8Ω  
 100Hz

### AP115SP

131dB  
 128dB  
 45Hz to 93Hz (-3dB)  
 34Hz to 130Hz (-10dB)  
 8Ω  
 100Hz

### AP118SP

135dB  
 133dB  
 38Hz to 100Hz (-3dB)  
 30Hz to 130Hz (-10dB)  
 8Ω  
 100Hz

### DESIGN DETAIL

Amplifier type:  
 Power rating(PEAK)  
 Number of Drivers  
 Woofer Size / Voice Coil Diameter / Design  
 Diaphragm Material  
 Magnet Type

Class D  
 1600Watts  
 1  
 12" / 2" Inside Outside  
 Treated paper cone  
 Ferrite

Class D  
 1600Watts  
 1  
 15" / 2.5" Inside Outside  
 Treated paper cone  
 Ferrite

Class D  
 1600Watts  
 1  
 18" / 2.5" Inside Outside  
 Treated paper cone  
 Ferrite

### SPEAKER I/O

Speaker Input /output

XLR\*2

XLR\*2

XLR\*2

### CABINET

Cabinet Material  
 Handles  
 Pole Mount  
 Color

plywood  
 0  
 N/A  
 Matt Black

polywood  
 2  
 35mm  
 Matt Black

plywood  
 2  
 35mm  
 Matt Black

### PHYSICAL DIMENSIONS

Height  
 Width  
 Depth  
 Weight

400 mm (15.75")  
 450 mm (17.72")  
 452 mm (17.80")  
 11 kg (37.5lbs)

453 mm (17.83")  
 530 mm (20.87")  
 551 mm (21.69")  
 16 kg (51.8lbs)

521mm (21.62")  
 606 mm (27.55")  
 705mm (29.52")  
 24.5 kg (64.6lbs)

EN SERIES ACTIVE SPEAKER IS A LINE OF HIGH SENSITIVITY LIGHTWEIGHT PORTABLE SPEAKER WITH AFFORDABLE PRICE. IT FEATURE DURABLE PAINT AND FOR HIGH FIDELITY SOUND AND DRIVER PROTECTION.



EN-108



EN-112



EN-118

MODEL:SS-EN108  
 8" 2 way vented  
 8" woofer with 1.5" coil  
 25mm Titanium.  
 Horn loaded  
 300W+100W RMS  
 58hz-20khz(-3dB)  
 124dB/M\*W  
 100H\*60V  
 (2) XLR/TRS Combo Jacks,  
 (1) Stereo 3.5mm,  
 (1) Wireless Bluetooth Audio Input  
 (1) XLR THRU Output  
 TWS  
 W472\*H232\*D340mm  
 6.7Kg

MODEL:SS-EN112  
 12" vented  
 1x12"  
 36mm compression driver.  
 Horn loaded  
 300W+100W RMS  
 50hz-20khz  
 127dB/M\*W  
 60H\*90V  
 Inputs: Combo\*2,  
 XLR\*1  
 Output: XLR  
 W380\*H615\*D333mm  
 13Kg

MODEL:SS-EN118  
 18" front vented  
 18 woofer with 2. coil  
 NA  
 400W RMS  
 38hz-100hz(-3dB)  
 132dB/M\*W  
 NA  
 (1) XLR/TRS Combo Jacks,  
 (1) XLR THRU Ooutput  
 W508\*H662\*D614mm  
 21.5Kg

## SUBWOOFERS

PRECISION DRIVER BASICALLY HAVE 3 TYPES OF SUBWOOFER DESIGN: 1.DIRECT RADIATION SUB; 2.TWIN ASYMMETRIC LOADING SUB; 3.HORN LOADED SUB. FOR THE MOST ENTRY LEVEL SUB, WE USE DIRECT RADIATION DESIGN TO ACHIEVE THE BEST PERFORMANCE WITHIN LIMITED COST AND SIZE. FOR TOUR SOUND, WE USE T.A.L. DESIGN TO ACHIEVE MAXIMUM OUTPUT IN COMPACT SIZE. FOR DANCING CLUB OR OUTDOOR CONCERT, HORN LOAD DESIGN IS THE ONLY CHOICE TO ACHIEVE THE EXTREME HIGH OUTPUT IN THE MOST EFFICIENT WAY.

SW212



SW215



SW218



### ACOUSTIC PERFORMANCE

Max SPL Long-term  
 Max SPL Peak  
 Response  
 Response  
 Impedance  
 Power RMS

### SW212

132dB  
 135dB  
 45Hz to 190Hz (-3dB)  
 39Hz to 200Hz (-10dB)  
 4Ω  
 800W

### SW215

134dB  
 137dB  
 38Hz to 190Hz (-3dB)  
 34Hz to 200Hz (-10dB)  
 4Ω  
 1000W

### SW218

138dB  
 141dB  
 38Hz to 190Hz (-3dB)  
 34Hz to 200Hz (-10dB)  
 4Ω  
 1000Watts

### DESIGN DETAIL

Acoustic Design  
 Amplifier Requirement  
 Number of Drivers  
 Woofer Size / Voice Coil Diameter / Design  
 Diaphragm Material  
 Magnet Type

Twin asymmetric loading  
 1000-1600Watts @ 4Ω  
 2  
 12" / 2.5" Inside Outside  
 Treated paper cone  
 Ferrite

Twin asymmetric loading  
 1200-1800Watts @ 4Ω  
 2  
 15" / 3" Inside Outside  
 Treated paper cone  
 Ferrite

Vented  
 1000-1600Watts @ 4Ω  
 2  
 18" / 3" Inside Outside  
 Treated paper cone  
 Ferrite

### SPEAKER INPUT

Speaker Input

2 Speakons

2 Speakons

2 Speakons

### CABINET

Cabinet Material  
 Handles  
 Pole Mount  
 Finish

lightweight plywood  
 2  
 35mm  
 Matt Black Polyurea

lightweight plywood  
 2  
 35mm  
 Matt Black Polyurea

lightweight plywood  
 2  
 N.A  
 Matt Black Polyurea

### PHYSICAL DIMENSIONS

Height  
 Width  
 Depth  
 Weight

450 mm (17.72")  
 650 mm (25.59")  
 650 mm (25.59")  
 28.7 kg (55lbs)

550 mm (21.62")  
 700 mm (27.55")  
 750 mm (29.52")  
 35 kg (75lbs)

520 mm (20.5")  
 1190 mm (46.8")  
 600 mm (23.6")  
 48 kg (100lbs)

## PD MINI ARRAY COLUMN SPEAKER

SC1503 IS AN ACTIVE COLUMN SPEAKER, FEATURES 8x3.5" FULL-RANGE TRANSDUCERS AND A 12" LONG EXCURSION SUBWOOFER, PATENTED PHASE PLUG DESIGN BRINGS THE SPEAKER A 140 DEGREE HORIZONTAL COVERAGE AND A 40 DEGREE VERTICAL COVERAGE, LIGHT WEIGHT COOL RUNNING CLASS D AMP COULD OUTPUT 4800WATTS PEAK POWER.

Model : **SC1503**

Frequency range (-3dB) : 38hz-20khz  
Low frequency design : 15" vented  
Mid-high design : 8x3.5" line source with phase plug  
LF Driver : 15" long excursion woofer  
HF Driver : 3.5" Neodymium full-range  
Max SPL : 130dB  
Coverage (H\*V) : 140° \* 40°  
Power rating : 600W+600W RMS  
Crossover frequency : 4th / 200Hz DSP  
Input / output : 2x XLR/TRS Combo Jack Input  
1x RCA Input  
1x Wireless Bluetooth Audio Input  
1x XLR THRU Output  
Bluetooth TWS

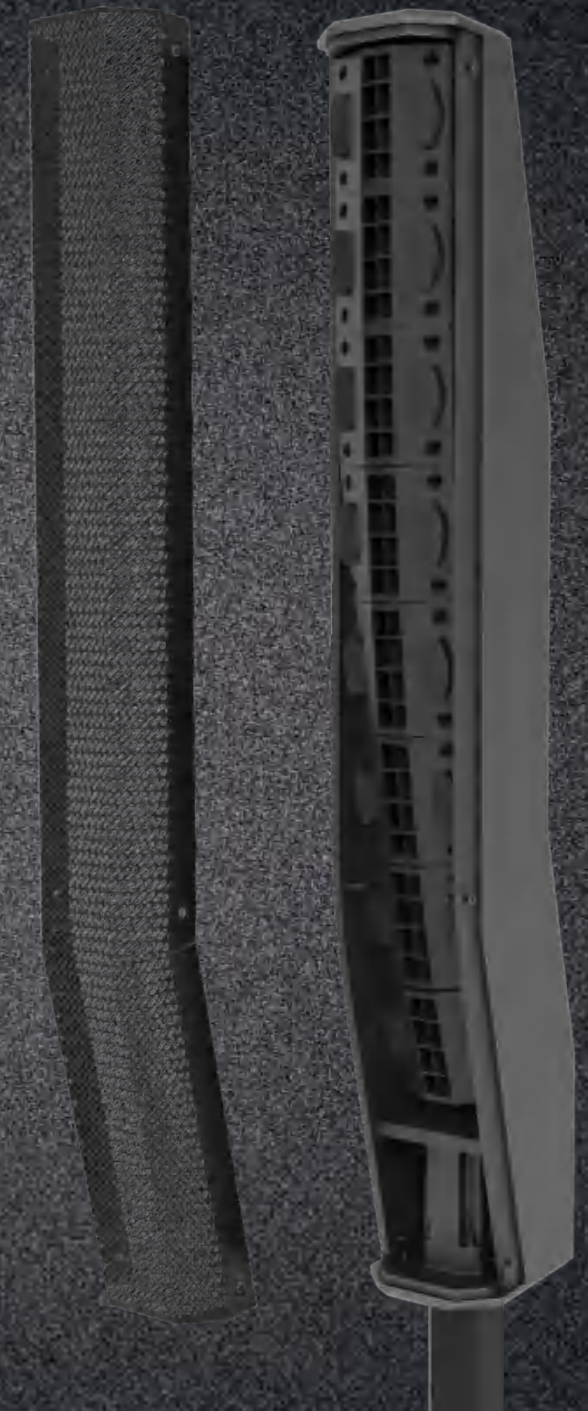
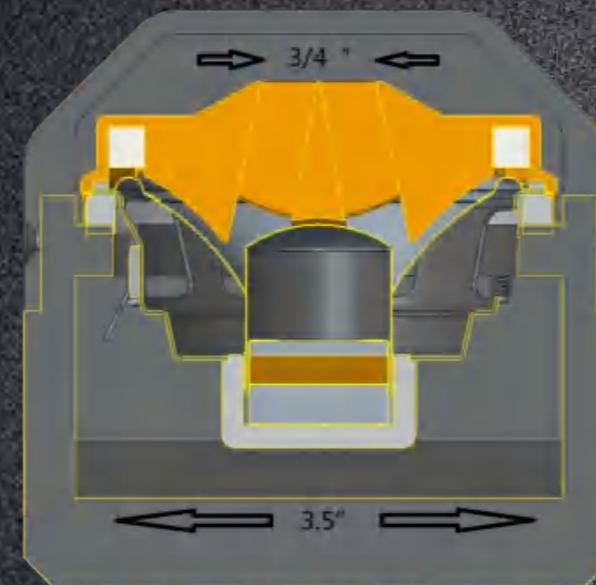
Function & effects :

Noise gate  
Bass boost

Cabinet : Lightweight plywood with Polyurea  
Grille : Powder coated steel  
Pole : Aluminum  
Dimension (WxHxD) : Column: 103\*808\*182  
Pole: 36\*800\*50  
System height: 2120  
Subwoofer: 428x708x516

Package dimension

Net weight : SUB: 17Kg Pole: 0.9Kg Column: 4.6Kg  
Gross weight : 20.5KG+6.9KG



## PD MINI ARRAY COLUMN SPEAKER

SC1203 IS AN ACTIVE COLUMN SPEAKER, FEATURES 8x3.5"FULL-RANGE TRANSDUCERS AND A 12" LONG EXCURSION SUBWOOFER, PATENTED PHASE PLUG DESIGN BRINGS THE SPEAKER A 140 DEGREE HORIZONTAL COVERAGE AND A 40 DEGREE VERTICAL COVERAGE, LIGHT WEIGHT COOL RUNNING CLASS D AMP COULD OUTPUT 4800WATTS PEAK POWER.

Model : **SC1203**

Frequency range (-3dB) : 40hz-20khz  
Low frequency design : 12" vented  
Mid-high design : 8X3.5" line source with phase plug  
LF Driver : 12" long excursion woofer  
HF Driver : 3.5"Neodymium full-range  
Max SPL : 128dB  
Coverage (H\*V) : 140° \* 40°  
Power rating : 600W+600W RMS  
Crossover frequency : 4th / 200 Hz DSP  
Input / output : 2x XLR/TRS Combo Jack Input  
1x RCA Input  
1x Wireless Bluetooth Audio Input  
1x XLR THRU Output

Function & effects :

Noise gate  
Bass boost

Cabinet :

Grille :

Pole :

Dimension (WxHxD) :

Lightweight plywood with Polyurea  
Powder coated steel  
Aluminum  
Column:103x808x180mm  
Pole: 36x800x50mm  
Subwoofer: 365x625x450mm  
System height:2042mm

Package dimension

Net weight :

Gross weight :

SUB:15.5Kg Pole:0.9Kg Column:4.6Kg  
18.5KG+6.9KG



Model : **SC1003**

Frequency range (-3dB) :

Low frequency design :

Mid-high design :

LF Driver :

HF Driver :

Max SPL :

Coverage (H\*V) :

Power rating :

Crossover frequency :

Input / output :

42hz-20khz

10" Twin Asymmetrical loading

8X3.5" line source with phase plug

10" long excursion woofer

3.5"Neodymium full-range

124dB

140° \* 40°

400W+400W RMS

4th / 200 Hz DSP

2x XLR/TRS Combo Jack Input

1x Stereo RCA Input

1x Wireless Bluetooth Audio Input

Function & effects :

Noise gate

Bass boost

Cabinet :

Grille :

Pole :

Dimension (WxHxD) :

Plywood with Polyurea

Powder coated steel

Aluminum

Column:103\*808\*180

Pole: 35\*800\*50

System height:2000

Subwoofer: 315\*625x410

Package dimension

Net weight :

Gross weight :

SUB:13Kg Pole:0.9Kg Column:4.6Kg

17.5KG+6.9KG



## PD MINI ARRAY COLUMN SPEAKER

SC0802 IS AN ACTIVE COLUMN SPEAKER, FEATURES 4x2.5" FULL-RANGE TRANSDUCERS AND A 8" LONG EXCURSION SUBWOOFER, UNIQUE TRANSDUCER DESIGN BRINGS THE SPEAKER WID COVERAGE AND DEEP BASS AND CRISP HIGH FREQUENCY.

### MODEL: SC0802

Frequency response:	42hz-20khz(-3dB)
Low frequency design:	8" dual bandpass
Mid-high design:	4X2.3" line source
LF Driver:	8" long excursion woofer
HF Driver:	2.3" neodymium full-range
Max. SPL:	122dB
Coverage:	H120*V40
Amp power:	150+150W RMS
Crossover:	4th/200hz DSP
Input/output:	1XLine input 2XMicrophone inputs 1XGuitar input BLUE TOOTH 1XUSB PLAYER 3.5mm Output 5V USB Power supply Jack
Enclosure:	Sub:Plywood Column:Plywood Pole:Aluminum
Grille:	Steel with black or Titanium color powder coat
dimensions(W×H×D):	Subwoofer:W258 H517 D330mm Column:W86 H391 D103mm Pole:W20 H697 D30mm Total height:1522mm
Net weight:	Sub:10 kg Column:1.5kg Pole:0.3 kg
Gross weight:	13.6Kg
Package dimension:	W405 H689 D363



## K8 PLUS ALL PURPOSE LOUDSPEAKER

K8 PLUS IS THE LOUDEST BATTERY POWERED SPEAKER IN ITS CLASS, ALSO WEIGHS THE LIGHTEST. BATTERY PLAYS THE LONGEST TIME PER CHARGE. THANKS FOR THE LATEST DSP TECHNOLOGY, K SERIES FEATURES REVERB, FEEDBACK CANCELLING, LIMITER ETC. NOW OTG INTERNET LIVE STREAMING IS SUPPORTED FOR ALL K SERIES SPEAKERS.

### MODEL:K8 PLUS

Frequency range(-3dB):	52hz-20khz
System design:	8" two way vented
HF	1" Titanium dome
LF	Ferrite cone driver
Max SPL:	118dB
Coverage(H*V):	100X60degree
Battery play-time:	Half volume 10+ hr., full volume 5+ hr.
Amplification:	100W+50W Class D
Crossover:	DSP
Input/output:	3.5mm headphone Jack BLUETOOTH XLR output XLR/TRS combo input X3 USB Power supply Jack @1 A 3.5mm LIVE out/input for smart phone
Function & effects:	EQ controls for two Combo inputs Effect control for each channel Bluetooth Feed back suppression Reverb/Reverb+Echo Mono/stereo output selection Battery-level indicator USB Audio/OTG live streaming BLE Remote Control
Grille:	Powder coated steel
Dimension (WxHxD):	W251xH392xD296mm
Net weight:	6.8kg
Gross weight:	8.5kg
Package dimension:	W410xH520xD360mm



## K10 ALL PURPOSE LOUDSPEAKER

K10 IS THE 10 INCH VERSION OF K SERIES FAMILY. ALSO WEIGHS THE LIGHTEST. BATTERY PLAYS THE LONGEST TIME PER CHARGE. THANKS FOR THE LATEST DSP TECHNOLOGY, K SERIES FEATURES REVERB, FEEDBACK SUPPRESSION, LIMITER ETC. NOW OTG INTERNET LIVE STREAMING IS SUPPORTED.



### MODEL:K10

Frequency range(-3dB): 45hz-20khz  
System design: 10" two way vented  
HF 1" Titanium dome  
LF Ferrite cone driver  
Max SPL: 122dB  
Coverage(H\*V): 100X60degree  
Battery play-time: Half volume 10+ hr., full volume 5+ hr.  
Amplification: 280W Class D  
Crossover: DSP  
Input/output: 3.5mm headphone Jack  
BLUETOOTH  
XLR output  
XLR/TRS combo input X3  
USB Power supply Jack @1A  
3.5mm LIVE out/input for smart phone

### Function & effects:

EQ controls for two Combo inputs  
Effect control for each channel  
Bluetooth  
Feed back suppression  
Reverb/Reverb+Echo  
Mono/stereo output selection  
Battery-level indicator  
USB Audio/OTG live streaming  
BLE Remote Control

Cabinet: Plywood with Polyurea  
Grille: Powder coated steel  
Dimension (WxHxD): W310xH510xD350mm  
Net weight: 9.0kg  
Gross weight: 11.5kg  
Package dimension: W440xH660xD400mm



## K12 ALL PURPOSE LOUDSPEAKER

K12 IS THE BIGGEST GUY IN K SIRE. SAME FEATURES JUST LIKE K8 AND K10, BUT K12 CAN PLAY MUCH LOUDER AND MUCH DEEPER BASS WITHOUT ANY AUDIOBABLE DISTORTION.



### MODEL:K12

Frequency range(-3dB): 40hz-20khz  
System design: 12" two way vented  
HF 36mm precision compression driver  
LF Ferrite cone driver  
Max SPL: 125dB  
Coverage(H\*V): 90X60degree  
Battery play-time: Half volume 10+ hr., full volume 5+ hr.  
Amplification: 350W Class D  
Crossover: DSP  
Input/output: 3.5mm headphone Jack  
BLUETOOTH  
XLR output  
XLR/TRS combo input X3  
USB Power supply Jack @1A  
3.5mm LIVE out/input for smart phone

### Function & effects:

EQ controls for two Combo inputs  
Effect control for each channel  
Bluetooth  
Feed back suppression  
Reverb/Reverb+Echo  
Mono/stereo output selection  
Battery-level indicator  
USB Audio/OTG live streaming  
BLE Remote Control

Cabinet: Plywood with Polyurea  
Grille: Powder coated steel  
Dimension (WxHxD): W380xH612xD395mm  
Net weight: 13.5kg  
Gross weight: 16.6kg  
Package dimension: W465xH680xD450mm



## PD MINI ARRAY BATTERY POWERED COLUMN

MOKA 8 IS AN BATTERY POWERED COLUMN SPEAKER, FEATURES 4x2.3" FULL-RANGE TRANSDUCERS AND A 8" LONG EXCURSION SUBWOOFER, UNIQUE TRANSDUCER DESIGN BRINGS THE SPEAKER WID COVERAGE AND DEEP BASS AND CRISP HIGH FREQUENCY.

### MODEL: MOKA 8

Frequency response: 42hz-20khz(-3dB)  
Low frequency design: 8" Twin Asymmetrical loading  
Mid-high design: 4X2.3" Line source  
LF Driver: 8" long excursion woofer  
HF Driver: 2.3" neodymium full range  
Max. SPL: 122dB  
Coverage: H120\*V40  
Amp power: 350W  
Battery Life: 5-10h  
Crossover: 4th/200hz, DSP  
Function & effects: USB player×1  
XLR INPUT×1  
MIC INPUT×2  
GT INPUT×1  
BLUETOOTH  
OTG/5V1A OUTPUT  
3.5mm headphone Jack

Column dimensions: W86 H510 D95mm  
Sub dimensions: W258 H516 D350mm  
Total height: H1542mm  
Net weight: 11.5Kg  
Gross weight: 13.78Kg  
Package dimension: W545 H585 D390



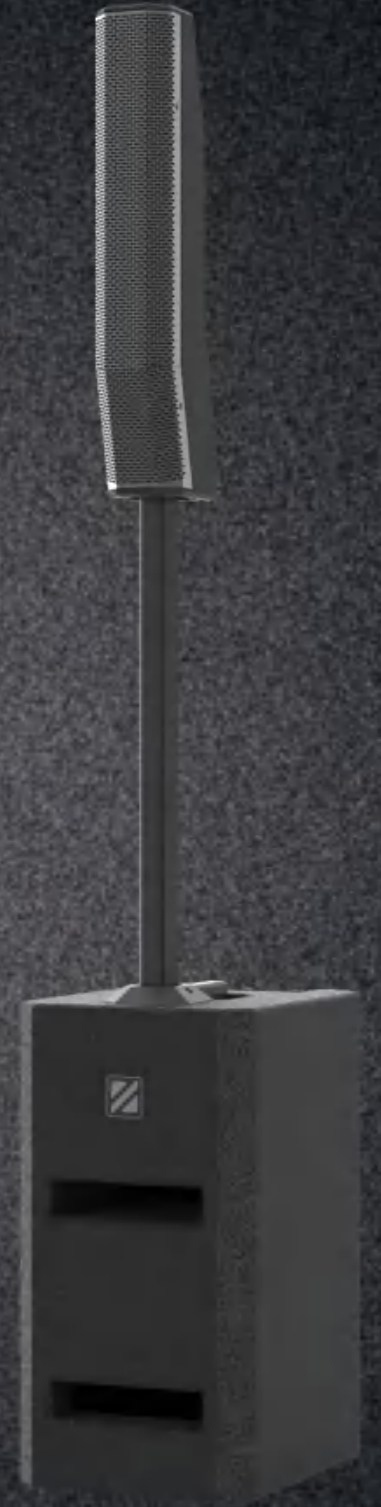
## PD MINI ARRAY BATTERY POWERED COLUMN

MOKA 10 IS THE 10" MODEL OF MOKA FAMILY, WITH EVEN WIDER COVERAGE AND HIGHER SOUND PRESSURE COMPARE WITH MOKA 8, MOKA 10 IS DESIGNED FOR ALL KINDS OUTDOOR PERFORMANCE, DURABLE POLY UREA PAINT FOR LIFE TIME PROTECTION.

### MODEL: MOKA 10

Frequency response: 40hz-20khz(-3dB)  
Low frequency design: 10" Twin Asymmetrical loading  
Mid-high design: 4X3.5" Line source  
LF Driver: 10" with long excursion woofer  
HF Driver: 3.5" neodymium full range  
Max. SPL: 123dB  
Coverage: H140\*V60  
Amp power: 400W  
Battery Life: 5-10h  
Crossover: 4th/200hz, DSP  
Function & effects: USB player×1  
XLR INPUT×1  
MIC INPUT×2  
GT INPUT×1  
BLUETOOTH  
OTG/5V1A OUTPUT  
3.5mm headphone Jack

Column dimensions: W103 H600 D156mm  
Sub dimensions: W321 H629 D420mm  
Total height: H1755mm  
Net weight: 16.88Kg  
Gross weight: 23.28Kg  
Package dimension: W525 H770 D500



## PD MINI ARRAY BATTERY POWERED COLUMN

MOKA 12 IS THE 12" MODEL OF MOKA FAMILY, WITH EVEN WIDER COVERAGE AND HIGHER SOUND PRESSURE COMPARE WITH MOKA 8, MOKA 12 IS DESIGNED FOR ALL KINDS OUTDOOR PERFORMANCE, PLUG & PLAY INSTANT INSTALLATION.

### MODEL: MOKA 12

Frequency response: 40hz-20khz(-3dB)  
Low frequency design: 12" Twin Asymmetrical loading  
Mid-high design: 8X3.5" Line source  
LF Driver: 12" with long excursion woofer  
HF Driver: 3.5" neodymium full range  
Max. SPL: 125dB  
Coverage: H140\*V40  
Amp power: 500W  
Battery Life: 5-10h  
Crossover: 4th/200hz, DSP  
Function & effects: USB player×1  
XLR INPUT×1  
MIC INPUT×2  
GT INPUT×1  
BLUETOOTH  
OTG/5V1A OUTPUT  
3.5mm headphone Jack

Column dimensions: W103 H808 D182mm  
Sub dimensions: W365 H625 D458mm  
Pole: W36 H800 D50mm  
Total height: H2042mm  
Net weight: 21.65Kg  
  
Package dimension: Column+Pole:W870 H175 D310  
SUB:W525 H770 D480  
Gross weight: 7.5Kg+22.3Kg



## SUB 108 BATTERY POWERED SUBWOOFER

SUB 108 IS A SINGLE 8" BATTERY POWERED SUBWOOFER DESIGNED TO WORK WITH SMALL SIZE PORTABLE LOUD-SPEAKERS FOR BASS EXTENSION.

### MODEL: SUB 108

Frequency response: 40Hz-150/100Hz optional  
Low frequency design: Single 8" Twin Asymmetrical loading  
HF Driver: N/A  
Max. SPL: 118dB  
Amplification: 250W Class D  
Battery Life: 6-12h  
Crossover: DSP  
Connection: XLR OUT  
XLR INPUT  
Function & effects: PHASE CONTROL  
LPF 100Hz/150Hz  
Battery Spec: Capacity:100WH  
Voltage:18.5V

Sub dimensions: W258 H472 D360mm  
Net weight: 9.2Kg  
Gross weight: 11.2Kg  
Package dimension: W435 H555 D335



## SUB 208 BATTERY POWERED SUBWOOFER

SUB 208 IS A BATTERY POWERED SUBWOOFER COULD WORK WITH ANY TOPS, IT FEATURES 2X8" LONG EXCURSION LOW FREQUENCY TRANSDUCERS, AND SIX ORDER BAND-PASS ACOUSTIC DESIGN, BRINGS PUNCHY AND DEEP BASS IN A RELATIVELY SMALL PACKAGE.

### MODEL: SUB 208

Frequency response: 40Hz-150/100Hz optional  
Low frequency design: Dual 8" Twin Asymmetrical loading  
HF Driver: N/A  
Max SPL: 124dB  
Amp power: 250W+250W Class D  
Battery Life: 6-12h  
Crossover: DSP  
Connection: XLR OUT  
XLR INPUT  
Function & effects: PHASE CONTROL  
LPF 100Hz/150Hz  
Battery Spec: Capacity:200WH  
Voltage:18.5V

Sub dimensions: W315 H510 D470mm  
Net weight: 12.5Kg  
Gross weight: 15Kg  
Package dimension: W545 H585 D390



## PORTABLE WIRELESS MICROPHONE KIT.

THE LATEST TECHNOLOGY ON OUR WIRELESS MICROPHONE KIT PROVIDE DISTORTION FREE SOUND QUALITY AND EXTREME RELIABILITY, NOT ONLY FOR ENTERTAINMENT BUT ALSO FOR PRO APPLICATIONS.



## WIRELESS TRANSMISSION KIT

PD WIRELESS TRANSMISSION KIT IS DESIGNED TO WORK WITH DYNAMIC MIC, PHATON POWERED CONDENSER MIC, AND MULTIPLE MUSIC INSTRUMENT, LET YOU GET RID OF THE WIRING LIMITATION.

