

# ACLON Audio Manufacturer Limited



**ACLON audio factory from Guangzhou of China, specialized in pro audio system more than 15 years. high reliability sound system make your show perfectly & smoothly!**

- \*\*\* Line array system
- \*\*\* PA speaker unit
- \*\*\* Microphone system
- \*\*\* Power Amplifier
- \*\*\* Accessory

Agent / OEM / ODM is welcome!

Our advantages:

1. Imported USA component, USA technology.
2. Fast production lead time;
3. High quality and competitive price;
4. Professional factory. Workers are working with rich experience and good workmanship.
5. Product sound and performance it can compare with international famous brand.

Email: [sales@aclaudio.com](mailto:sales@aclaudio.com)

Website: [www.ACLONaudio.com](http://www.ACLONaudio.com)

Mobile: 0086 13710073998 (whats app)

SKYPE: ACLONAUDIO

WECHAT: ACLONALICE

Address: RM201, Industry south Road, Haizhu District, Guangzhou, China (Post: 510288)

## LAT series passive line array speaker

Products Model:	LAT208	LAT210	LAT212	LAT118S	LAT215S	LAT218S
LF woofer unit	2X8"	2X10"	2X12"	18" (φ100mm)	2 x 15" (φ100mm)	2 x 18" (φ100mm)
HF neodymium drivers	1.7"	3"	3"	/	/	/
Horn & Exit throat Size	1"(25mm)throat	1.5"(38mm)throat	1.5"(38mm)throat	/	/	/
Dispersion Angle (H * V)	H90°x 8°	H90°x 8°	H90°x 8°	/	/	/
RMS / Program	700W /1400W	800W /1600W	1000W /2000W	800W/1600W	1800W/3600W	2000W/4000W
Peak powe	2100W	2400W	3000W	2400W	5400W	6000W
Nominal MAX Peak SPL	128dB	132dB	134dB	128dB	129dB	130dB
Frequency Response( ±3dB)	60Hz - 20KHz	52Hz - 20KHz	45Hz - 20KHz	28Hz - 250Hz	28Hz - 250Hz	28Hz - 250Hz
Crossover point	1.9 KHz Passive	1.8 KHz Passive	1.8 KHz Passive	150 Hz	150 Hz	150 Hz
Input Connector <b>Passive</b>	2*NL4	2*NL4	2*NL4	2*NL4	2*NL4	2*NL4
Dimension W*D*H (mm)	590x340x280	920x460x380	920*460*380	590x 390x 480	740x460x430	800*480*450
Net Weight (1pcs)	23kg	39 kg	49kg	51kg	60kg	69kg



LAT208



LAT212



## Large live concert line array speaker

Products Model:	VT212	VT215	VT225	VT218S	K1	K2	KS28	VT88	VT89
LF neodymium unit	2 x 12" (φ75mm)	2 x 15"	2 x 15"	2 x 18"	2 x 15"	2X12"	2 x 18"	2X12"	2X15"
MF mid woofer	4X6.5" (φ38mm)	4x 6.5"	4X8" neo	/	4x 6.5"	4X6.5"	/	4X6.5"	4X8" neo
HF neodymium drivers	2X3"	2X3"	2X3"	/	3X3"	2X3"	/	2X3"	2X3"
Horn & Exit throat Size	2x1.5"(38mm)	2x1.5"	2x1.5"	/	2x1.5"	2x1.5"	/	2x1.5"	2x1.5"
Dispersion Angle (H * V)	H90°x Vertical	H90°x Vertical	H90°x Vertical	/	H90°x Vertical	H90°x Vertical	/	90°×10°	90°×10°
RMS / program	1500W/3000W	1700W/3400W	2000W/4000W	2000W/4000W	1900W/3800W	1550W 3100W	2000W/4000W	1600W/3200W	2000W/4000W
Peak power	4500W	5100W	6000W	6000W	5700W	4600W	6000W	4800W	6000W
Nominal MAX /Peak SPL	135dB	136dB	138dB	129dB	132dB	132dB	140dB	135dB	136dB
Frequency Response( ±3dB)	64Hz - 19KHz	60Hz - 19KHz	60Hz - 19KHz	25Hz - 250Hz	33Hz~20KHz	33Hz~20KHz	30Hz~250Hz	33Hz-20KHz	33Hz-20KHz
Crossover Frequency point	1200hz, 2.1KHz	1200hz, 2.1KHz	1200hz, 2.1KHz	150 Hz	1200hz, 2.1KHz	1200hz, 2.1KHz	150 Hz	1200hz, 2.1KHz	1200hz, 2.1KHz
Nominal Impedance	LF/ MF: 8 ohm; HF: 16ohm	LF/ MF: 8 ohm; HF: 16ohm	LF/ MF: 8 ohm; HF: 16ohm	4 Ohms	LF/MF/HF: 8 Ohm	LF/ MF: 8 ohm; HF: 16ohm	4 Ohms	LF/ MF: 8 ohm; HF: 16ohm	LF/ MF: 8 ohm; HF: 16ohm
Input output Connector	2 *NL8	2 *NL8	2 *NL8	2 *NL4	2 *NL8	2 *NL8	2 *NL4	2 *NL8	2 *NL8
Dimension W*D*H (mm)	1080x530x380	1260x560x 490	1195*560*610	1260 x560 x 700	1340×520×438	1338×354×400	1300 x 550x 700	360x 991x 508	387x580x1261
Net Weight (1pcs)	56 kg	65kg	70KG	87kg	80kg	56kg	93kg	57kg	70KG



VT215



K2

## High compact indoor & outdoor line array system

Products Model:	ARC8	ARC10	ARC12	ARC15S	ARC18S	VR10	VR18S	Q1	Q-sub
LF neodymium unit	2X8"	2X10"	2X12"	15"/100mm	18" /100mm	1x10" LF	1x18"	2 x 10"	1 x 18"
HF neodymium drivers	1.7"	3"	2X3"	/	/	2 x 1.7"	/	1 x 3"	/
Horn & Exit throat Size	1"(25mm)	1.5"(38mm)	1.5"(38mm)	/	/	1"(25mm)	/	1.5"(38mm)	/
Dispersion Angle (H * V)	H90°x 12°	H90°x 12°	H90°x 12°	/	/	80° or 120 ° x 10°	/	H80°x 14°V	/
Power rating / Program	700W /1400W	900W /1800W	1100W /2200W	600W/1200W	800W/1600W	400W / 800W	600W / 1200W	800W /1600W	800W/1600W
Peak power	2100W	2700W	3300W	1800W	2400W	1200W	1800W	2400w	2400W
Nominal MAX/ Peak SPL	128dB	133dB	135dB	126dB	128dB	133dB	128dB	132dB	8 Ohm
Crossover point	2.2KHz	2.1 KHz	2.0KHz	150 Hz	150 Hz	2.2KHz	150 Hz	2.0KHz	150 Hz
Nominal Impedance	16 Ohms	16 Ohms	16 Ohms	8 Ohms	8 Ohms	16 ohms	4 ohms	16 Ohm	8 Ohm
Input Connector	2*NL4	2*NL4	2*NL4	2*NL4	2*NL4	2*NL4	2*NL4	2*NL4	2*NL4
Dimensions (mm)	670x520x300	760*600*336	860*700*440	670x 520x 460	760*600*520	275*500*355	447*705*400	580*410*310	580*670*490
Net weight	25 kg	32 kg	39kg	38KG	43KG	18kg	40KG	24kg	50kg



ARC10



Back



## Compact / Indoor line array system

Model	VX12LA	VX18S	VX8LA	VX15S	RS 6	RS150
LF woofer unit	1x12" neo	1x18" ferrite	1x8" neo	1x15" ferrite	2X 6.5 IN (160mm)	1x15 IN (380mm)
HF drivers	3x1.4"	/	2 x1.4"	/	1.7 IN (44mm)	/
Frequency Range(-10dB)	57Hz-20 KHz	31Hz-230Hz	70Hz-20KHz	35Hz-250Hz	65Hz-19 KHz	35Hz-220Hz
Frequency responses (-	75Hz-20KHz	35Hz-200Hz	87Hz-19 KHz	40Hz-250Hz	70Hz-18 KHz	35Hz-200Hz
Coverage Angle	H100°× 15°	/	H100°× 15°	/	H90°× 14° Switch able	/
Rated power / Program	600W/1200W	800W/1600W	400W/800W	600W/1200W	350W/700W	500W/ 1000W
Peak power	1800W	2400W	1200W	1800W	1050W	1500W
Nominal MAX /Peak SPL	137dB SPL	131dB SPL	128dB SPL peak	127dB SPL	125dB SPL	129dB
Impedance	8 ohms	8 ohms	8 ohms	4 ohms	16 ohms	8 ohms
Connection	2×NL4	2×NL4	2×NL4	2×NL4	2×NL4	2×NL4
Crossover	1.9 KHz (Bi-amp)	150HZ	2.0 KHz	150HZ	2.3 KHz (Passive)	150HZ
Dimensions(W×D×H)	595×375×350mm	597×749×508mm	230*419*267	496*418*597mm	245×322×595mm	525×540×595mm
Net Weight	22kg	38kg	10kg	26kg	14kg	35kg



VRX928LA



RS6

1. Birch plywood 15/18mm cabinet

2. Application: wedding, church, club, DJs, auditorium, seminar, mall

3. Color: black or white

## Compact Mid-Large neodymium line array speaker

Products Model:	KARA8	KARA10	KARA-SUB	KT212	KT215	KT218S
LF woofer unit	2x8"	2 X 10"	1 X 18"	2 X 12"	2 X 15"	2 X 18"
HF neodymium drivers	1x3"	1x3"	/	1x3"	2x3"	/
Horn & Exit throat Size	1.5"(38mm)	1.5"(38mm)	/	1.5"(38mm)	1.5"(38mm)	/
Dispersion Angle (H * V)	110°×8°	110°×8°	/	H90°x 8°	H90°x 8°	/
Power rating / Program	500W	800W	700W	1000W / 2000W	1200W / 2400W	2400W / 4800W
Peak power	1500W	2400W	2100W	3000W	3600W	7200W
Nominal MAX /Peak SPL	139dB	139dB	138dB	139dB	145dB	138dB
Frequency Response( ±3dB)	45Hz-20kHz	42Hz - 20KHz	30Hz-400Hz	35Hz~20KHz	33Hz~20KHz	25Hz - 250Hz
Crossover point	2.0 KHz Passive	1.9 KHz Passive	150 Hz	1.9 KHz Passive	1.9 KHz Passive	150 Hz
Nominal Impedance	HF / LF: 8 ohm	HF / LF: 8 ohm	8 Ohms	LF / HF: 8 / 16ohm	LF / HF: 8 / 16ohm	4 Ohms
Input Connector	2*NL4	2*NL4	2*NL4	2*NL4	2*NL4	2*NL4
Dimensions (mm)	730*250*482mm	860*350*530	750*540*707	1100×354×400	1200×404×430	1200×420×430
Net weight	26KG	32kg	52KG	45kg	50kg	65kg



KARA8



KARA10 back



K212

## DSP active line array speaker

Products Model:	LAT208A	LAT210A	LAT212A	LAT118SA	LAT215SA	LAT218SA	RS6A	RS150A
LF driver unit Inch	2 x 8"	2 x 10"	2 x 12"	1 x 18"	2 x 15"	2 x 18"	2X 6.5"	1x15"
HF drivers	1 x 1.7"	1 x 3"	1 x 3"	/	/	/	1 x 1.7"	/
Dispersion Angle (H * V)	H90°x 7°	H90°x 7°	H90°x 7°	/	/	/	H90°x 14°	/
RMS / Program	700W /1400W	800W /1600W	1000W /2000W	800W/1600W	1800W/3600W	2000W/3000W	350W/700W	500W/ 1000W
Peak power	2100W	2400W	3000W	2400W	5400W	6000W	1050W	1500W
Nominal MAX /Peak SPL	126dB	132dB	134dB	129dB	129dB	132dB	123dB	129dB
Frequency Response( ±3dB)	45Hz - 20KHz	42Hz - 20KHz	42Hz - 20KHz	25Hz - 220Hz	35Hz - 220Hz	35Hz - 220Hz	50Hz-20 KHz	35Hz-250Hz
Crossover Frequency point	2.0 KHz	1.9 KHz	1.9 KHz	150 Hz	150 Hz	150 Hz	1.9 KHz	150 Hz
Nominal Impedance	4 Ohms							
Input output inside amps	2* XLR- INPUT /LINK							
LED indicators /Master	Active / Signal / Clip / Protect							
RS-485 / Network	RS-485 / Network, USB Connector to Coumputer,For DSP function operation							
Protections	DC protect.High temperature .Short circuit protect, Soft startup protect, overload protect							
Power amplifier Circuitry	Class D							
Dimension W*D*H (mm)	640x335x245	800x445x300	920x570x 370	640x 540x 505	920 x800 x 480	920 x800 x 580	245×322×595mm	525×540×595mm
Net Weight (1pcs)	27kg	35 kg	40kg	49kg	54kg	64kg	18kg	39kg



LAT208A



LAT212A

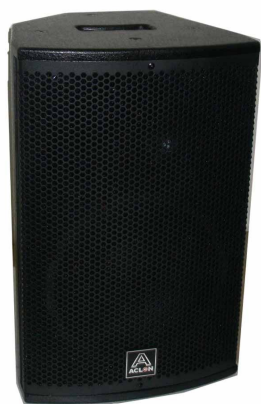


Back view



DSP module

SM series DSP active speaker							Coaxial monitor DSP active speaker		
Products Model:	SM 10A	SM 12A	SM 15A	SM 215A	SM 18SA	SM 218SA	CO 10A	CO 12A	CO 15A
LF driver unit Inch	10"	12"	15"	2 x 15"	18"	2 x 18"	10"	12"	15"
HF drivers	1 x 1.4"	1 x 1.7"	1 x 3"	1 x 3"	/	/	1 x 1.7"	1 x 1.7"	1 x 3"
Dispersion Angle (H * V)	80° X 50° Rotatable Horn, 4 Positions			/	/	/	80° Axi-symmetric		
RMS	300W	400W	500W	1100W	600W	1200W	300W	400W	500W
Program / Peak power	600W /900W	800W /1200W	1000W 1500W	2200W / 3300W	1200W /2100W	2400W /3600W	600W /900W	800W /1200W	1000W 1500W
Nominal MAX /Peak SPL	127dB	129dB	129dB	132dB	136dB	138B	128dB	129dB	132dB
Frequency Response( ±3dB)	45Hz - 20KHz	42Hz - 20KHz	40Hz - 20KHz	40Hz - 20KHz	25Hz - 250Hz	25Hz - 250Hz	45Hz - 20KHz	40Hz - 20KHz	40Hz - 20KHz
Crossover Frequency point	2.1 KHz	2.0 KHz	1.9 KHz	1.9 KHz	150Hz	150Hz	2.0 KHz	1.9 KHz	1.9 KHz
Nominal Impedance	8 Ohms	8 Ohms	8 Ohms	4 Ohms	8 Ohms	4 Ohms	8 Ohms	8 Ohms	8 Ohms
Input output inside amps	2* XLR- INPUT /LINK								
LED indicators /Master	Active / Signal / Clip / Protect								
RS-485 / Network	RS-485 / Network, USB Connector to Coumputer,For DSP function operation								
Protections	DC protect.High temperature .Short circuit protect, Soft startup protect, overload protect								
Power amplifier Circuitry	Class D								
Dimension W*D*H (mm)	351×505×316	390×595×358	465×695×456	440×785×400	570×830×695	570×1310×805	330×450×300	400×545×380	440×585×400
Net Weight (1pcs)	21kg	26kg	37kg	49kg	60kg	97kg	21kg	26kg	37kg



SM12A / SM15A



SM18SA



SM215SA



CO12A



CO12A rear



## Compact Mid-Large neodymium line array speaker

Products Model:	UL10	UL12	LAR12	LAC12	LAC15	SUB	LT12	LT15	LT18S
LF woofer unit	10"	12"	1X12"	12" coaxial	15" coaxial	1X18"	2X12" coaxial	2X15" coaxial	18"
HF neodymium drivers	2X1.7"	2X1.7"	1.7"	3"	3"	/	3"	3"	/
Horn & Exit throat Size	1"(25mm)	1"(25mm)	1"(25mm)	1.5"(38mm)	1.5"(38mm)	/	1.5"(38mm)	1.5"(38mm)	/
Dispersion Angle (H * V)	H90°x 8°	H90°x 8°	H90°x 8°	H90°x 8°	H90°x 8°	/	H90°x 8°	H90°x 8°	/
Power rating / Program	400W/800W	500W /1000W	450W /900W	500W /1000W	600W/1200W	800W/1600W	900W/1800W	1100W/2200W	1000W/2000W
Peak power	1200W	1500W	1350W	1500W	1800W	2400W	2700W	3300W	3000W
Nominal MAX /Peak SPL	138dB	138dB	139dB	139dB	139dB	133dB	139dB	139dB	135dB
Frequency Response( SPL)	50Hz - 20KHz	45Hz - 20KHz	45Hz - 20KHz	45Hz - 20KHz	42Hz - 20KHz	25Hz - 250Hz	43Hz - 20KHz	40Hz - 20KHz	25Hz - 250Hz
Crossover point	1.9 KHz	1.9 KHz	1.8 KHz	1.8 KHz	1.8 KHz	150 Hz	1.8 KHz	1.8 KHz	150 Hz
Nominal Impedance	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms	8 ohm	16 ohms	16 ohms	8 ohm
Input Connector	2*NL4	2*NL4	2*NL4	2*NL4	2*NL4	2*NL4	2*NL4	2*NL4	2*NL4
Dimensions (mm)	505×345×320	585×365×350	515×375×350	595×375×350	620×390×370	750*540*707	460*395*550	490*420*620	620x600x430
Net weight	23kg	28kg	28kg	28kg	30kg	52KG	29 kg	33kg	56kg



UL10, UL15



LAC12, LAC15



LT12, LT15

## SM series loudspeaker specification

Products Model:	SM 8	SM 10	SM 12	SM 15	SM 215	SM 18S	SM 218S	SM221S	SM321S
LF woofer unit	1 x 8" (φ50mm)	1 x 10" (φ65mm)	1 x 12" (φ75mm)	1 x 15" (φ75mm)	2 x 15" (φ75mm)	1 x 18" (φ100mm)	2 x 18" (φ100mm)	2 x 21" (φ125mm)	3 x 21" (φ125mm)
HF drivers	1 x 1.4"(35mm)	1 x 1.4"	1 x 1.7"	1 x 3"	1 x 3"	/	/	/	/
Horn & Exit throat Size	1"(25mm)throat	1"	1"	1.5"(38mm)	1.5"	/	/	/	/
Dispersion Angle (H * V)	80° X 50°	80° X 50°	80° X 50°	80° X 50°	80° X 50°	/	/	/	/
RMS / Program	200W	300W	400W	500W	1000W	700W	1500W	3600W	5200W
Peak power	400W /600W	600W /900W	800W /1200W	1000W 1500W	2000 W/3000W	1100W /2100W	3000W /4500W	6000W /9000W	9000W /13000W
Nominal MAX /Peak SPL	127 dB	127dB	129dB	129dB	132dB	135 dB	136dB	138dB	139dB
Frequency Response( ±3dB)	45Hz - 20KHz	45Hz - 20KHz	42Hz - 20KHz	40Hz - 20KHz	40Hz - 20KHz	25Hz - 250Hz	25Hz - 250Hz	23Hz - 250Hz	22Hz - 250Hz
Crossover point	2.2 KHz	2.1 KHz	2.0 KHz	1.9 KHz	1.8 KHz	160Hz	160Hz	180Hz	180Hz
Input Connector	8 Ohms	8 Ohms	8 Ohms	8 Ohms	4 Ohms	8 Ohms	4 Ohms	4 Ohms	4 Ohms
Dimension W*D*H (mm)	299×435×269	351×505×316	390×595×358	465×695×456	550×1060×790	570×830×695	570×1310×805	1060*780*590	1560*780*805
Net Weight (1pcs)	13 kg	17 kg	22kg	33kg	62 kg	56kg	93 kg	106kg	136kg



SM10



SM15



SM10 black



SM221S

PS R2 series loudspeaker						Coaxial monitor loudspeaker			
Products Model:	PS8 R2	PS10 R2	PS12 R2	PS15 R2	PSL1200	CO 10	CO 12	CO 15	CO 215
LF driver unit	1 x 8" (φ50mm)	1 x 10" (φ65mm)	1 x 12" (φ65mm)	1 x 15" (φ75mm)	1 x 18"	1 x 10"	1 x 12"	1 x 15"	2 x 15"
Magnet type size, ferrite	φ145 mm	φ156 mm	φ170mm	φ190mm	φ220mm	160 mm	φ170mm	φ190mm	φ190mm
HF drivers (Titanium )	1 x 1.27"(32mm)	1 x 1.37"(34mm)	1 x 1.7"(44mm)	1 x 3" (72mm)	/	1 x 1.7"	1 x 1.7"	1 x 3"	1 x 3"
Horn & Exit throat Size	1"(25mm)	1"(25mm)	1"(25mm)	1.5"(38mm)	/	1"(25mm)	1"(25mm)	1.5"(38mm)	1.5"(38mm)
Dispersion(H * V)	50°X100°	50°X100°	50°X100°	50°X100°	/	80° Axi-symmetric			
RMS / Program	200W	300W	400W	500W	600W	300W	400W	450W	1000W
Peak power	400W /600W	600W /900W	800W /1200W	1000W 1500W	1200 W/1800W	600W /900W	800W /1200W	900W 1350W	2000 W/2000W
Nominal MAX /Peak SPL	127 dB	127dB	129dB	129dB	136dB	127dB	129dB	132dB	133dB
Frequency Response(	45Hz - 20KHz	45Hz - 20KHz	42Hz - 20KHz	40Hz - 20KHz	25Hz - 250Hz	45Hz - 20KHz	42Hz - 20KHz	40Hz - 20KHz	40Hz - 20KHz
Crossover Frequency	2.1 KHz	2.0 KHz	2.0 KHz	1.9 KHz	180Hz	2.0 KHz	1.9 KHz	1.8 KHz	1.8 KHz
Nominal Impedance	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms	4 Ohms
Dimension W*H*D (m)	251×405×220	278×510×315	380×570×345	435×670×370	530x 790 x 600	330×450×300	400×545×380	440×585×400	440×860×560
Net Weight (1pcs)	10kg	16 kg	20kg	30 kg	48 kg	15 kg	20kg	30kg	55 kg



PS15 R2



CO flight case

## ACLON PA speaker unit specification

Model	18NW100	18SW115	18PS100	18CBX100	18CY100	21CN125B	21CY125
Inch	18" neo	18" neo	18" ferrite	18" ferrite	18" ferrite	21" neo sub	21" ferrite sub
Rated power (AES)	1200W	1700W	700W	1200W	700W	1800W	1800W
Program power (AES)	2400W	3400W	1400W	2400W	1400W	3600W	3600W
Voice coil diameter	100mm (4 inch)	116mm (4.5 inch)	100mm (4 inch)	100mm (4 inch)	100mm (4 inch)	125mm (5 inch)	125mm (5 inch)
Basket material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Magnet type	N40H	N40H	Ferrite, Y35	Ferrite, Y35	Ferrite, Y35	N40H	Ferrite, Y35
Sensitivity/Nominal	98dB (±1dB)	96.5dB (±1dB)	97dB (±1dB)	97dB (±1dB)	95dB (±1dB)	97dB (±1dB)	97dB (±1dB)
Frequency range	35-1000 Hz	35-1500 Hz	35-1500 Hz	35-1500 Hz	30-1500 Hz	30-1000 Hz	30-1000 Hz
Fs	31Hz	35Hz	30Hz	34Hz	30Hz	40Hz	40Hz
Re	5.1 ohm	5.3 ohm	5.3 ohm	5.1 ohm	5.3 ohm	3.3 ohm	3.3 ohm
Qes	0.27	0.37	0.41	0.37	0.41	0.33	0.33
Qms	4.2	6.3	4.6	7.2	4.6	7.3	7.3
Total factor (Qts)	0.26	0.35	0.39	0.35	0.39	0.45	0.45
Le	1.7mH	1.9mH	2.1mH	1.6mH	2.1mH	1.4mH	1.4mH
EBP	114Hz	100Hz	73Hz	91Hz	73Hz	103Hz	103Hz
Standard impedance	8 OHM	8 OHM	8 OHM	8 OHM	8 OHM	8 OHM	8 OHM
Overall diameter	460mm (18in)	460mm (18in)	360mm (18in)	460mm (18in)	360mm (18in)	547mm (21.5in)	547mm (21.5in)
bolt circle diameter	440mm (17.3in)	440mm (17.3in)	440mm (17.3in)	440mm (17.3in)	440mm (17.3in)	527mm (20.7in)	527mm (20.7in)
baffle cutout diameter	422mm (16.6in)	422mm (16.6in)	422mm (16.6in)	422mm (16.6in)	422mm (16.6in)	508mm (20in)	508mm (20in)
Depth	209mm (8.2in)	242mm (9.5in)	197mm (7.75in)	209mm (8.2in)	197mm (7.75in)	261mm (10.3in)	261mm (10.3in)
Flange and Gasket Thickness	16mm (5/8in)	16mm (5/8in)	16mm (5/8in)	16mm (5/8in)	16mm (5/8in)	16mm (5/8in)	16mm (5/8in)
Net weight / gross weight	9.3kg / 10.9kg	10.2kg / 11.7kg	10.5kg / 12kg	13kg / 14.5kg	10.5kg / 12kg	18.5kg / 21kg	20kg / 22kg
shipping box / mm	520*520*250	510*510*270	510*510*270	510*510*240	510*510*270	590*590*300	590*5*0*300



Model	15NW100	15NW115	15UN76	15CBX100	15UY76	15XN75	15CY75
Inch	15" neo	15" neo	15" neo	15" ferrite	15" ferrite	15" LF+ 3" HF	15" ferrite
Rated power (AES)	1000W	1500W	500W	1000W	500W	600W	500W
Program power (AES)	2000W	3000W	1000W	2000W	1000W	1200W	1000W
Voice coil diameter	100mm (4 inch)	100mm (4 inch)	76mm (3 inch)	100mm (4 inch)	76mm (3 inch)	76mm (3 inch)	76mm (3 inch)
Basket material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum frame	Aluminum
Magnet type	N40H	N40H	N40H	Y35	Ferrite Y35	magnet N40H	Ferrite Y35
Sensitivity/Nominal	97dB (±3dB)	98dB (±3dB)	99dB (±3dB)	96dB (±2dB)	99dB (±3dB)	99dB (±1dB)	97dB (±3dB)
Fs	37Hz	35Hz	37Hz	35Hz	40Hz	38Hz	40Hz
Total factor (Qts)	0.28	0.24	0.25	0.28	0.21	0.28	0.21
Standard impedance	8 OHM	8 OHM	8 OHM	8 OHM	8 OHM	8 OHM	8 OHM
Net weight	9.3kg	12kg	4.6kg	12.3kg / 13.9kg	9.2kg	9.5kg	9.2kg



### Neodymium subwoofer

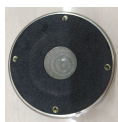
Model	12NW100	12UN76	12CBX100	12UY76	2262HPL	12XN75	12CY75
Inch	12" neo	12" neo	12" ferrite	12" ferrite	12" neo	12" LF+ 3" HF neo	12" ferrite
Rated power (AES)	1000W	450W	1000W	500W	400W	500W	400W
Program power (AES)	2000W	900W	2000W	1000W	800W	1000W	800W
Voice coil diameter	100mm (4 inch)	76mm (3 inch)	100mm (4 inch)	76mm (3 inch)	76mm (3 inch)	76mm (3 inch)	76mm (3 inch)
Basket material	Aluminum frame	Aluminum frame	Aluminum frame	Aluminum frame	Aluminum frame	Aluminum frame	Aluminum frame
Magnet type	magnet N40H	magnet N40H	magnet Y35	magnet Y35	magnet N40H	magnet N40H	magnet Y35
Sensitivity/Nominal	96dB (±3dB)	99dB (±3dB)	95dB (±2dB)	98dB (±3dB)	96 dB 1W/1m	99dB (±1dB)	97dB (±3dB)
Fs	41Hz	50Hz	42Hz	54Hz	56.8 Hz	42Hz	54Hz
Total factor (Qts)	0.22	0.2	0.26	0.18	0.34	0.19	0.18
Standard impedance	8 OHM	8 OHM	8 OHM	8 OHM	8 ohms	8 OHM	8 OHM
Net weight	8kg	4kg / 4.5kg	11.8kg	8.5kg / 9.3kg	6.5kg	5.0kg	8.5kg / 9.3kg





















Model	10UN66	10UN60	10UY66	8ND51	8FD51	6MD44	6MD38
Inch	10" neo	10" neo	10"	8" neo	8"	6" neo	6.5"
Rated power (AES)	350W	350W	350W	200W	200W	150W	150W
Program power (AES)	700W	700W	700W	400W	400W	300W	300W
Voice coil diameter	66mm (2.5 inch)	66mm (2.5 inch)	76mm (3 inch)	51mm (2in)	51mm (2 inch)	44mm (1.7 inch)	38mm
Basket material	Aluminum frame	Aluminum frame	Aluminum frame	Aluminum frame	Aluminum frame	Aluminum frame	Aluminum frame
Magnet type	magnet N40H	magnet N40H	Ferrite, magnet Y35	magnet N40H	Ferrite, magnet Y35	magnet N40H	Ferrite, magnet Y35
Sensitivity/Nominal	96dB (±3dB)	96dB (±3dB)	99dB (±3dB)	94dB (±3dB)	97dB (±3dB)	96.5dB	93dB (±2dB)
Fs	50Hz	50Hz	70Hz	66Hz	74Hz	140Hz	130Hz
Total factor (Qts)	0.26	0.26	0.35	0.37	0.21	0.4	0.44
Standard impedance	8 OHM	8 OHM	8 OHM	8 OHM	8 OHM	8 OHM	8 OHM
Net weight / gross weight	2.9kg / 3.5kg	2.9kg	7.5kg	1.8 kg	5.3 kg	1kg	2.12 kg















Model	DE1000	75TN800	75TN801S	75TE820	44TN400	44TN350	44TE251
Inch	4" neo	3" neo	3" neo	3" ferrite	1.7" neo	1.7" neo	1.7" ferrite
Rated power (AES)	HF: 140W	HF: 110W	HF: 110W	HF: 110W	HF: 60W	HF: 60W	HF: 60W
Program power (AES)	HF: 280W	HF: 220W	HF: 220W	HF: 220W	HF: 120W	HF: 120W	HF: 120W
Voice coil diameter	100mm (4 inch)	75mm (3 inch)	75mm (3 inch)	75mm (3 inch)	44mm (1.7 inch)	44mm (1.7 inch)	44mm (1.7 inch)
Diaphragm material	Titanium	Titanium / Polyimide	Titanium / Polyimide	Titanium	Titanium	Titanium / Polyimide	Polyimide
Magnet material	Neodymium ring	Neodymium ring	Neodymium ring	Ceramic	Neodymium ring	Neodymium ring	Ceramic
Sensitivity/Nominal	109dB (±1dB)	108dB (±1dB)	108dB (±1dB)	107dB (±1dB)	106dB (±2dB)	106dB (±1dB)	108dB (±1dB)
Standard impedance	8 OHM	8 OHM	8 OHM	8 OHM	8 OHM	8 OHM	8 OHM
Throat diameter		36mm (1.4 in)	36mm (1.4 in)	36mm (1.4 in)	25mm (1 in)	25mm (1 in)	25mm (1 in)
Frequency range	0.5-20KHz	0.5-18kHz	0.5-18kHz	1-18kHz	1.2-18kHz	1.2-18kHz	1-18kHz
Recommended crossover		1.2kHz	1.2kHz	1kHz	1.5kHz	1.5kHz	1.6kHz
Net weight / gross weight	3.4 kg	2.3kg / 3.5kg	2.3kg / 3.5kg	4kg / 4.6kg	0.8kg / 1kg	0.8kg / 1.2kg	2.1kg
shipping box / mm		300*300*180	300*300*180	190*190*60	230*230*160	230*230*160	160*160*40







Class	Model	Description	Picture
True diversity wireless microphone	S64	<ol style="list-style-type: none"> <li>1. Frequency range: UHF 520-930MHz</li> <li>2. Modulation: Broadband FM</li> <li>3. Adjustable range: 50MHz</li> <li>4. Number of channels: 2x100</li> <li>5. Channel spacing: 250KHz</li> <li>6. Frequency stability: <math>\pm 0.005\%</math> or less</li> </ol>	
	S65	<ol style="list-style-type: none"> <li>1. Frequency range: UHF 520-930MHz</li> <li>2. Modulation: Broadband FM</li> <li>3. Adjustable range: 50MHz</li> <li>4. Number of channels: 2x100</li> <li>5. Channel spacing: 250KHz</li> <li>6. Frequency stability: <math>\pm 0.005\%</math> or less</li> </ol>	
	S66	<ol style="list-style-type: none"> <li>1. Frequency range: UHF 520-930MHz</li> <li>2. Modulation: Broadband FM</li> <li>3. Adjustable range: 50MHz</li> <li>4. Number of channels: 2x100</li> <li>5. Channel spacing: 250KHz</li> <li>6. Frequency stability: <math>\pm 0.005\%</math> or less</li> </ol>	
	S67	<ol style="list-style-type: none"> <li>1. Frequency range: UHF 520-930MHz</li> <li>2. Modulation: Broadband FM</li> <li>3. Adjustable range: 50MHz</li> <li>4. Number of channels: 2x100</li> <li>5. Channel spacing: 250KHz</li> <li>6. Frequency stability: <math>\pm 0.005\%</math> or less</li> </ol>	
KTV wireless microphone	KU89	<ol style="list-style-type: none"> <li>1. Frequency range: UHF 520-930MHz</li> <li>2. Modulation: Broadband FM</li> <li>3. Adjustable range: 50MHz</li> <li>4. Number of channels: 2x100</li> <li>5. Channel spacing: 250KHz</li> </ol>	
	KU87	<ol style="list-style-type: none"> <li>1. Frequency range: UHF 520-930MHz</li> <li>2. Frequency stability: 10ppm</li> <li>3. Transmit power: 10mV</li> <li>4. Launch distance: 100 (m)</li> <li>5. Harmonic suppression: 65db above</li> </ol>	
	KU90	<ol style="list-style-type: none"> <li>1. Frequency range: UHF 520-930MHz</li> <li>2. Modulation: Broadband FM</li> <li>3. Adjustable range: 50MHz</li> <li>4. Number of channels: 2x100</li> <li>5. Channel spacing: 250KHz</li> </ol>	
	KU91	<ol style="list-style-type: none"> <li>1. Frequency range: UHF 520-930MHz</li> <li>2. Modulation: Broadband FM</li> <li>3. Adjustable range: 50MHz</li> <li>4. Number of channels: 2x100</li> <li>5. Channel spacing: 250KHz</li> </ol>	
	KU92	<ol style="list-style-type: none"> <li>1. Frequency range: UHF 520-930MHz</li> <li>2. Modulation: Broadband FM</li> <li>3. Adjustable range: 50MHz</li> <li>4. Number of channels: 2x100</li> <li>5. Channel spacing: 250KHz</li> </ol>	

	KU93	<ol style="list-style-type: none"> <li>1. Frequency range: UHF 520-930MHz</li> <li>2. Modulation: Broadband FM</li> <li>3. Adjustable range: 50MHz</li> <li>4. Number of channels: 2x100</li> <li>5. Channel spacing: 250KHz</li> </ol>	
	KU94	<ol style="list-style-type: none"> <li>1. Frequency range: UHF 520-930MHz</li> <li>2. Modulation: Broadband FM</li> <li>3. Adjustable range: 50MHz</li> <li>4. Number of channels: 2x100</li> <li>5. Channel spacing: 250KHz</li> </ol>	
High-end KTV wireless microphone	HK9	<ol style="list-style-type: none"> <li>1. Frequency range: UHF 723-783MHz</li> <li>2. Modulation: Broadband FM</li> <li>3. Adjustable range: 60MHz</li> <li>4. Number of channels: 2x1200</li> <li>5. Channel spacing: 0.025MHz</li> </ol>	
	HK10	<ol style="list-style-type: none"> <li>1. Frequency range: UHF 723-783MHz</li> <li>2. Modulation: Broadband FM</li> <li>3. Adjustable range: 60MHz</li> <li>4. Number of channels: 2x1200</li> <li>5. Channel spacing: 0.025MHz</li> </ol>	
KTV wireless microphone	KU8	<ol style="list-style-type: none"> <li>1. Frequency range: UHF 520-930MHz</li> <li>2. Frequency stability: 10ppm</li> <li>3. Transmit power: 10mV</li> <li>4. Launch distance: 100 (m)</li> <li>5. Harmonic suppression: 65db above</li> <li>6. Modulation method: FM</li> </ol>	
	KU9	<ol style="list-style-type: none"> <li>1. Frequency range: UHF 520-930MHz</li> <li>2. Modulation: Broadband FM</li> <li>3. Adjustable range: 50MHz</li> <li>4. Number of channels: 2x100</li> <li>5. Channel spacing: 250KHz</li> </ol>	
Fixed frequency wireless microphone	KU88	<p>Frequency Range: UHF 520-930MHz  Oscillation Mode: Quartz Controlled Fixed Frequency  Frequency Stability: <math>\pm 0.005\%</math>  Dynamic Range: <math>&gt; 110\text{dB}</math>  Maximum Frequency Deviation: <math>\pm 45\text{KHz}</math>  Frequency Response: 60Hz-18KHz (<math>\pm 3\text{dB}</math>)</p>	
High quality UHF	AMC909	<p>UHF 620-970MHz  Four channel PLL 200 preset frequency  Receiver auto scan, transmitter infrared setup.  19" full rack metal receiver  Metal handheld microphone  Operating range: 100m</p>	
Four channel UHF	AMC410	<p>UHF 620-970MHz  Four channel PLL 200 preset frequency  Receiver auto scan, transmitter infrared setup.  19" full rack metal receiver  4 Metal handheld microphone</p>	



UHF	AMC900	UHF microphone	
conference wireless microphone	C840	<ol style="list-style-type: none"> <li>1. Frequency range: UHF 740-790MHz</li> <li>2. Modulation: Broadband FM</li> <li>3. Adjustable range: 50MHz</li> <li>4. Number of channels: 4x50</li> <li>5. Channel spacing: 250KHz</li> </ol>	
	C841	<ol style="list-style-type: none"> <li>1. Frequency range: UHF 740-790MHz</li> <li>2. Modulation: Broadband FM</li> <li>3. Adjustable range: 50MHz</li> <li>4. Number of channels: 4x50</li> <li>5. Channel spacing: 250KHz</li> </ol>	
	C880	<ol style="list-style-type: none"> <li>1. Frequency range: UHF 600-900MHz</li> <li>2. Modulation: Broadband FM</li> <li>3. Adjustable range: 50MHz</li> <li>4. Number of channels: 8x25</li> <li>5. Channel spacing: 250KHz</li> </ol>	
	C842	<ol style="list-style-type: none"> <li>1. Frequency range: UHF 520-930MHz</li> <li>2. Frequency stability: 10ppm</li> <li>3. Transmit power: 10mV</li> <li>4. Launch distance: 100 (m)</li> <li>5. Harmonic suppression: 65db above</li> </ol>	
Wired hand in hand conference	C62	<ol style="list-style-type: none"> <li>1. Host power supply: AC110V-110V / 50HZ</li> <li>2. Frequency response: 20HZ-20KHZ</li> <li>3. Signal to noise ratio:&gt; 96dba \</li> <li>4. Total harmonic distortion: &lt;0.05%</li> <li>5. Microphone unit interface: Round DIN-8 socket connector * 2</li> </ol>	
	C62C C62D	<ol style="list-style-type: none"> <li>6. Control connector: 232 serial port * 1</li> <li>7. Audio Input: RCA (Lotus Socket) * 1</li> </ol>	
	C63	<ol style="list-style-type: none"> <li>1. Rated voltage: AC220V + -10% 50HZ</li> <li>2. Frequency response: 20HZ-20KHZ \</li> <li>3. Output impedance: REC: 200 Europe LINE: 200 euro BALANCE: 300 Euro</li> </ol>	
	C63C C63D	<ol style="list-style-type: none"> <li>4. Signal to noise ratio: 78db (1KHZ THD1%)</li> </ol>	
UHF antenna distribution system	C64T	The C64T is a UHF active wireless directional antenna with a dual-pole logarithmic array.	
KTV wireless microphone	W83	<p>Plastic</p> <p>UHF 600~800 Hz</p> <p>10 chanel</p> <p>50~60 m distance</p>	
	W81	Metal	

	W82	metal	
Drum pack	DM7	instrument Microphone System	
Fixed frequency wireless microphone	GD82	<ol style="list-style-type: none"> <li>1. Frequency range: UHF 520-930MHz</li> <li>2. Frequency stability: 10ppm</li> <li>3. Transmit power: 10mV</li> <li>4. Launch distance: 100 (m)</li> <li>5. Harmonic suppression: 65db above</li> </ol>	
wire microphone	BA58	Wire microphone	

# DSP amplifie module

Model	DSP500	DSP3500	DSP21800	DSP1800	DSP21200
Channel	2 channel	3 channel	2 channel	1 channel	2 channel
Application	Suit for 6, 8, 10, 12, 15inch speaker	Suit for dual 10, dual 12 line array	suit for 4, 6, 8 inch	Suit for 15, 18" sub speaker	Suit for sub
Output Power (8Ω)	500W/8ohm LF +150W/8ohm HF	2*500W/8ohm LF +150W/8ohm HF	1000W+ 300W	LF 1000W	2*1000W
Output Power (4Ω)	800W+250W	2*800W+250W	1500W+500W	1500W	2*1500W
Output Circuit LF	Class D	Class D	Class D	Class D	Class D
Output Circuit HF	Analog (class AB)				
Input impedance	Balance/20K Unbalance /10K				
Frequency response	20Hz-20kHz.(+/- 0.5dB)				
THD+N	<0.04% 20Hz-20kHz.(8Ω)				
SLEW RATE	>60V/μs				
S/N RATE	>105 dB				
DAMPING FACTOR	>500				
COOLING SYSTEM	HEATSINK AND FANS				
PROTECTION	DC, short circuit, over load, clip limit, over heat,				
POWER SUPPLY	AC220V/50Hz.±10% / AC1100V/60Hz.±10% according to customer's needs				
DIMENSION (mm)	376mm*142.5*82mm				
N.WKG)	3.8 kg				



## ACLON audio- Digital Switching Amplifier- DH series specification

Model	DH4-600	DH4-800	DH4-1200	DH600	DH800	DH1000	DH1300	DH1500
8 Ω Stereo Power(RMS)	4X 600W	4X 800W	4X1200W	2X 600W	2X 800W	2X 1000W	2X 1300W	2X 1500W
4 Ω Stereo Power(RMS)	4X 1200W	4X 1600W	4X 2500W	2X 1200W	2X 1600W	2X 2000W	2X 2600W	2X 3000W
8OHM Bridge	2X2000W	2X2400W	2X3600W	2000W	2400W	3000W	4200W	4900W
THD 20 Hz - 20 kHz for 1 W	<0.04%							
Signal-to-Noise Ratio	>105 dBA							
Damping factor	>500							
Channel separation (Cross talk)	>75 dB (at 1 kHz)							
Input Sensitivity	0.775V, 1.4 V							
Model Switch	stereo, parallel /mono							
Input Connectors (per channel)	3-pin XLR, electronically balanced							
Output Connectors (per channel)	NL4 -Speakon							
Class circuitry	Class D (new tech 2 to 3 step circuitry)							
full-bridge type power tech	New Full-bridge type power supply technology							
Cooling	Front-to rear airflow, temperature controlled speed. of 3pcs							
Tour Class Protection	short circuit, open circuit, direct voltage, high temperature, radio-frequency, ultralow frequency							
Operating voltage	110V / 230V / 220V, 50/60Hz (factory configured)							
Input impedance (unbalanced)	20 k Ohm (10k Ohm)							
Dimensions (H×W×D)	2U: 88×488×330mm							
<b>Net weight (kg)</b>	8	11	11	9	9	9	9	9
Gross weight (kg)	9	14	14	10	12	12	12	12

### Key Features

It is Light weight only 11KG

It can be used for church,concert,nightclub,stadium,theater,speech,big live sound

Digital Switching amplifier DH series is big power amplifier, good quality, high stability,



## ACLON audio- Switching Amplifier- FP series specification

Model	FP10K	FP14K
<b>8 Ω Stereo Power(RMS)</b>	<b>1300WX4</b>	<b>2350WX2</b>
4 Ω Stereo Power(RMS)	2200WX4	4400WX2
2 Ω Stereo Power(RMS)	2600WX4	6800WX2
8 Ω Bridged Power(RMS)	4200WX2	8800W
4 Ω Bridged Power(RMS)	5000WX2	14000W
FrequencyResponse(+o/-0.3dB,1W/8 Ω )	20 Hz - 34 kHz	
THD 20 Hz - 20 kHz for 1 W	<0.1%	
Signal-to-Noise Ratio	>112 dBA	
Damping factor	>1000	
Channel separation (Cross talk) at 1 kHz	>70 dB	
Input Connectors (per channel)	3-pin XLR, electronically balanced	
Output Connectors (per channel)	Speakon or Binding Posts 2-pole	
Class circuitry	Class TD	
Tour Class Protection	ACL, IGM, Auto Ramp, short circuit, DC voltage,	
	turn-on/off transient, current inrush, sub/ultrasonic input	
Operating voltage, 230 V / 115 V normal	150-260 V50/60Hz, / 70-140 V 50/60Hz selectable	
Voltage Gain(dB)	23, 26, 29, 32, 35, 38, 41, 44 dB selectable	
Input impedance (unbalanced)	20 k Ohm (10k Ohm)	
Level adjustment (per ch.)	Front-panel potentiometer, 31 position detente from -into 0	
<b>Dimensions (H×W×D)</b>	2U: 88×483×396mm	
<b>Net weight (kg)</b>	<b>13kg</b>	

The global power supply works anywhere in the world and offers PFC ( Power Factor Correction).

It is a switching power supply easily deals with a very high variation in the AC

mains voltage: it can drop by up to 20% below its nominal level (e.g. to 180VAC instead of 230VAC) without any loss of the amplifiers rated output power.

Regulated power supply also presents some other sonic advantages, such as better cone control and the same fast response as a linear power supply.

# Accessory

Processor	DX26	2 input, 6 output, digital processor
	DX36	3 input, 6 output, digital processor
	DX48	4 input, 8 output, digital processor
Speaker cable	AC215C	2*1.5 mm speaker cable, 100M/roll
	AC225C	2X2.5 mm speaker cable, copper, 100M/roll
	AC415C	4X1.5 mm speaker cable, copper, 100M/roll
	AC615C	6X1.5 mm speaker cable, copper, 100M/roll
	M96C	Mic cable, 96/24 copper, 92M/roll
Connector	NL4FC	Speakon NL4 connector
	NL8FC	Speakon NL8 connector
	NC3FX	XLR female Connector
	NC3MX	XLR male Connector
mixer	DIG32	32CH digital mixer
Se	QF802	Sequence controller with filter function

