

PRODUCT CATALOGUE 2023

A-Plus®

www.aplusaudios.com

BLACK LEGEND



	10 Inch	12 Inch	15 Inch
Normal Diameter	10 inch	12 inch	15 inch
Nominal Impedance	8 Ω	8 Ω	8 Ω
DC Resistance	5.8 Ω	5.8 Ω	5.8 Ω
Nominal Power Handling	450W	450W	450W
Continuous Power Handling	900W	900W	900W
Sensitivity (1W/1m)	98dB	98dB	98dB
Frequency Range	70–6000Hz	50–5000Hz	40–4000Hz
Voice Coil Diameter	3in (75.5mm)	3in (75.5mm)	3in (75.5mm)
Voice Coil Material	Ccaw i/o	Ccaw i/o	Ccaw i/o
Former Material	Glass Fibre	Glass Fibre	Glass Fibre
Winding Height	24mm	24mm	24mm
Magnet	Φ190xH25mm	Φ190xH25mm	Φ190xH25mm
Basket	Aluminium	Aluminium	Aluminium



10-BLACK
LEGEND



12-FRDC**12-XHF**

	12-FRDC	12-XHF	12-200 FZ	12-200 COL
Normal Diameter	12 inch	12 inch	12 inch	12 inch
Nominal Impedance	8 Ω	8 Ω	8 Ω	8 Ω
DC Resistance	6.3 Ω	6.4 Ω	6.2 Ω	6.2 Ω
Nominal Power Handling	100W	100W	200W	200W
Continuous Power Handling	200W	200W	400W	400W
Sensitivity (1W/1m)	97dB	98dB	98dB	98dB
Frequency Range	70–11000Hz	70–14000Hz	65–12000Hz	60–12000Hz
Voice Coil Diameter	1.5in (38.5mm)	1.5in (38.5mm)	2in (50.5mm)	2in (50.5mm)
Voice Coil Material	Copper	Ccaaw	Ccaaw	Ccaaw
Former Material	Kapton	Kapton	Kapton	Kapton
Winding Height	14mm	13mm	16mm	16mm
Magnet	Φ134xH20mm	Φ134xH20mm	Φ155xH20mm	Φ155xH20mm
Basket	Steel	Steel	Steel	Steel

12-200 FZ**12-200 COL**

LEGEND 12-200 MB



LEGEND 12-300



	LEGEND 12-200 MB	LEGEND 12-300	C 12-350	12-400AMB
Normal Diameter	12 inch	12 inch	12 inch	12 inch
Nominal Impedance	8 Ω	8 Ω	8 Ω	8 Ω
DC Resistance	6.2 Ω	6.2 Ω	5.8 Ω	5.8 Ω
Nominal Power Handling	200W	300W	350W	400W
Continuous Power Handling	500W	600W	700W	800W
Sensitivity (1W/1m)	98dB	98dB	97dB	97dB
Frequency Range	55–9000Hz	50–9000Hz	50–5000Hz	50–5000Hz
Voice Coil Diameter	2.5in (63.5mm)	2.5in (63.5mm)	3in (75.5mm)	3in (75.5mm)
Voice Coil Material	Ccaw	Ccaw	Ccaw	Ccar
Former Material	Kapton	Kapton	Kapton	Glass Fiber
Winding Height	16mm	16mm	24mm	24mm
Magnet	Φ155xH20mm	Φ185xH20mm	Φ190xH20mm	Φ190xH20mm
Basket	Steel	Aluminium	Aluminium	Aluminium

C 12-350



12-400AMB



NDFEB SERIES
NEO 12 / 15



	NEO 10	NEO 12	NEO 15
Normal Diameter	10 inch	12 inch	15 inch
Nominal Impedance	8 Ω	8 Ω	8 Ω
DC Resistance	5.8 Ω	5.8 Ω	5.8 Ω
Nominal Power Handling	400W	400W	500W
Continuous Power Handling	800W	800W	1000W
Sensitivity (1W/1m)	99dB	99dB	99dB
Frequency Range	60–5500Hz	50–5500Hz	50–3500Hz
Voice Coil Diameter	3in (76.2mm)	3in (76.2mm)	3in (76.2mm)
Voice Coil Material	Ccaw	Ccaw	Ccaw
Former Material	Glass Fiber	Glass Fiber	Glass Fiber
Winding Height	20mm	20mm	20mm
Magnet	75mm	75mm	75mm
Basket	Aluminium	Aluminium	Aluminium

NEO-10-400



★★★★★
NEW ARRIVAL

15 FR



LEGEND 15-250S



	15-FR	LEGEND 15-250S	E 15-300SLF	15-400 SMB
Normal Diameter	15 inch	15 inch	15 inch	15 inch
Nominal Impedance	8 Ω	16/8 Ω	8 Ω	8 Ω
DC Resistance	6.3 Ω	13 Ω	6.2 Ω	5.8 Ω
Nominal Power Handling	200W	250W	300W	400W
Continuous Power Handling	400W	500W	600W	800W
Sensitivity (1W/1m)	98dB	97dB	97dB	98dB
Frequency Range	55–5000Hz	50–5000Hz	45–4000Hz	40–4000Hz
Voice Coil Diameter	2in (50.5mm)	2.5in (63.5mm)	3in (75.5mm)	3in (76.2mm)
Voice Coil Material	Ccaw	Copper	Copper	Ccaw
Former Material	Kapton	Kapton	Aluminium	Kapton
Winding Height	15mm	20mm	19mm	24mm
Magnet	Φ155xH20mm	Φ155xH20mm	Φ185xH20mm	Φ190xH20mm
Basket	Steel	Steel	Steel	Steel

E 15-300SLF



15-400SMB



15-400AMB**B.L. CLASSIC**

	15-400AMB	B.L. CLASSIC	TM 15-350	BLUE LEGEND
Normal Diameter	15 inch	15 inch	15 inch	15 inch
Nominal Impedance	8 Ω	8 Ω	8 Ω	8 Ω
DC Resistance	6.4 Ω	5.8 Ω	6.4 Ω	6.4 Ω
Nominal Power Handling	400W	400W	350W	400W
Continuous Power Handling	800W	800W	700W	800W
Sensitivity (1W/1m)	98dB	98dB	97dB	98dB
Frequency Range	40–4000Hz	40–4000Hz	40–4000Hz	40–4000Hz
Voice Coil Diameter	3in (75.5mm)	3in (76.2mm)	3in (75.5mm)	3in (75.5mm)
Voice Coil Material	Ccaw	Ccaw	Ccaw	Ccar
Former Material	Glass Fiber	Kapton	Kapton	Glass Fiber
Winding Height	24mm	24mm	24mm	24mm
Magnet	Φ190xH20mm	Φ190xH20mm	Φ185xH20mm	Φ190xH25mm
Basket	Aluminium	Aluminium	Aluminium	Aluminium

TM 15-350**BLUE LEGEND**

C 15-400

LEGEND 1582



	C 15-400	Legend 1582	TERMINATOR 15	LEGEND XLNC
Normal Diameter	15 inch	15 inch	15 inch	15 inch
Nominal Impedance	8 Ω	8 Ω	8 Ω	8 Ω
DC Resistance	6.4 Ω	5.4 Ω	5.8 Ω	5.4 Ω
Nominal Power Handling	400W	500W	600W	600W
Continuous Power Handling	800W	1000W	1200W	1200W
Sensitivity (1W/1m)	98dB	98dB	98dB	98dB
Frequency Range	40–4500Hz	40–3500Hz	40–4500Hz	40–3500Hz
Voice Coil Diameter	3in (75.5mm)	3.25in (82.5mm)	3in (75.5mm)	4in (99.5mm)
Voice Coil Material	Ccaw	Copper i/o	Ccaw i/o	Ccar
Former Material	Kapton	Glass Fiber	Glass Fiber	Glass Fiber
Winding Height	24mm	26mm	25mm	26mm
Magnet	Φ190xH25mm	Φ200xH25mm	Φ220xH20mm	Φ220xH20mm
Basket	Aluminium	Aluminium	Aluminium	Aluminium

TERMINATOR 15

LEGEND XLNC



MG 15-800



	MG 15-800	LF 15-1000
Normal Diameter	15 inch	15 inch
Nominal Impedance	8 Ω	8 Ω
DC Resistance	5.4 Ω	5.4 Ω
Nominal Power Handling	800W	1000W
Continuous Power Handling	1600W	2000W
Sensitivity (1W/1m)	96dB	98dB
Frequency Range	40–3000Hz	40–3000Hz
Voice Coil Diameter	4in (99.5mm)	4in (99.5mm)
Voice Coil Material	Copper i/o	Copper i/o
Former Material	Glass Fiber	Glass Fiber
Winding Height	28mm	28mm
Magnet	Φ220xH25mm	Φ220xH25mm
Basket	Aluminium	Aluminium

LF 15-1000



A 18-800



TERMINATOR 18



	A 18-800	TERMINATOR 18	TM 18-1200
Normal Diameter	18 inch	18 inch	18 inch
Nominal Impedance	8 Ω	8 Ω	8 Ω
DC Resistance	5.4 Ω	5.4 Ω	5.4 Ω
Nominal Power Handling	800W	1000W	1200W
Continuous Power Handling	1600W	2000W	2400W
Sensitivity (1W/1m)	96dB	96dB	96dB
Frequency Range	30–2000Hz	30–2200Hz	30–2000Hz
Voice Coil Diameter	4in (99.5mm)	4in (99.5mm)	4in (99.5mm)
Voice Coil Material	Ccar	Ccar	Ccar
Former Material	Glass Fiber	Glass Fiber	Glass Fiber
Winding Height	30mm	30mm	30mm
Magnet	Φ220xH25mm	Φ220xH25mm	Φ250xH25mm
Basket	Aluminium	Aluminium	Aluminium
Suspension	Single	Single	Double

TM 18-1200



18X400**MG 18-1500**

	18x400	MG 18-1500	18x451
Normal Diameter	18 inch	18 inch	18 inch
Nominal Impedance	8 Ω	8 Ω	8 Ω
DC Resistance	5.2 Ω	5 Ω	5.2 Ω
Nominal Power Handling	1000W	1500W	1500W
Continuous Power Handling	2000W	3000W	3000W
Sensitivity (1W/1m)	96dB	96dB	96dB
Frequency Range	30–2000Hz	25–2000Hz	30–2000Hz
Voice Coil Diameter	4in (99.5mm)	5in (125.5mm)	4.5in (114mm)
Voice Coil Material	Copper i/o	Copper i/o	Copper i/o
Former Material	Glass Fiber	Glass Fiber	Glass Fiber
Winding Height	30mm	32mm	30mm
Magnet	Φ220xH25mm	Φ280xH25mm	Φ250xH25mm
Basket	Aluminium	Aluminium	Aluminium
Suspension	Single	Double	Single

18X451

LF-1850



	LF-1850	LF-2000
Normal Diameter	18 inch	18 inch
Nominal Impedance	8 Ω	8 Ω
DC Resistance	5 Ω	5 Ω
Nominal Power Handling	1800W	2000W
Continuous Power Handling	3600W	4000W
Sensitivity (1W/1m)	96dB	96dB
Frequency Range	25–2000Hz	20–2000Hz
Voice Coil Diameter	5in (125.5mm)	5in (125.5mm)
Voice Coil Material	Copper i/o	Copper i/o
Former Material	Glass Fiber	Glass Fiber
Winding Height	32mm	32mm
Magnet	Φ280xH25mm	Φ280xH25mm
Basket	Aluminium	Aluminum
Suspension	Double	Double

LF-2000

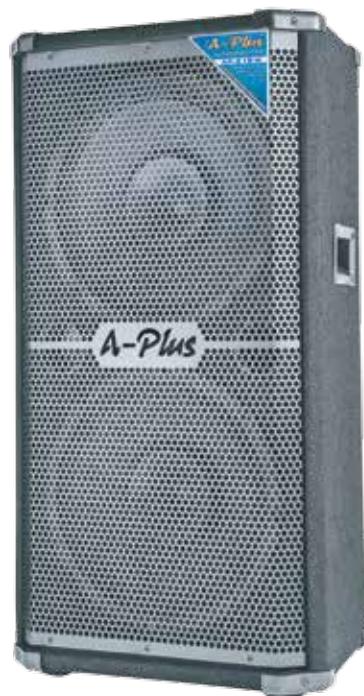


LF-2160

	LF-2150	LF-2160
Normal Diameter	21 inch	21 inch
Nominal Impedance	8 Ω	8 Ω
DC Resistance	5 Ω	5 Ω
Nominal Power Handling	2000W	2500W
Continuous Power Handling	4000W	5000W
Sensitivity (1W/1m)	96dB	96dB
Frequency Range	20–1800Hz	20–1500Hz
Voice Coil Diameter	5in (125.5mm) High Temperature Voice Coil	6in (152.4mm) High Temperature Voice Coil
Voice Coil Material	Copper i/o	Copper i/o
Former Material	Glass Fiber	Glass Fiber
Winding Height	32mm	32mm
Magnet	Φ280xH25mm	Φ330xH25mm
Basket	Aluminium	Aluminium
Suspension	Double	Double

LOUDSPEAKER SYSTEMS

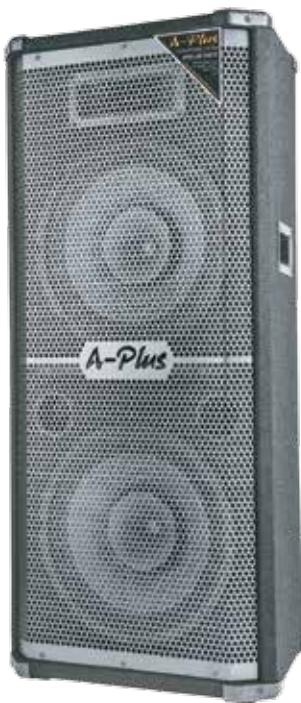


AP-112**AP-212 W**

	AP-112	AP-200	AP-212W
Power Rating	100W/300W	200W/600W	200W/600W
Recommended Amp.	200W-300W into 8 Ω	400W-500W Into 8 Ω	400W-500W Into 16 Ω
Frequency Response	50Hz-15KHz	50Hz-12KHz	50Hz-12KHz
Sensitivity	101 dB SPL (1w/1 m)	99 dB SPL (1w/1 m)	99 dB SPL (1w/1 m)
Nominal Impedance	8 Ω	8 Ω	16 Ω
Dimensions (HXWxD)	558x407x330mm	660x400x380mm	780x415x330mm
Input Connectors	Army Post Terminal x 1 1/4in Jack x 1; Parallel		
LF Driver	12-XHF	12-200 MB	12-XHF x 2
HF Driver	Piezo Tweeter	NHP-4000	-
Finish	Carpet	Paint	Carpet
Weight	14.5 Kgs	18 Kgs	20 Kgs

AP-200

AP-212T



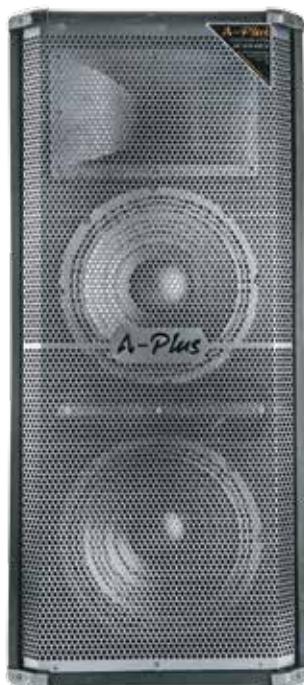
AP-212X



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**NEW
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	AP-212 T	AP-212 X	AP-212-400	AP-212-400P
Power Rating	200W/600W	200W/600W	400W/1000W	400W/1000W
Recommended Amp.	400W-500W Into 16 Ω	400W-500W Into 16 Ω	800W-1000W Into 4 Ω	800W-1000W Into 4 Ω
Frequency Response	50Hz-15KHz	50Hz-15KHz	45Hz-16KHz	45Hz-16KHz
Sensitivity	101 dB SPL (1w/1m)	101 dB SPL (1w/1m)	100 dB SPL (1w/1m)	100 dB SPL (1w/1m)
Nominal Impedance	16 Ω	16 Ω	4 Ω	4 Ω
Dimensions (HXWxD)	940x420x330mm	940x420x330mm	1025x460x405mm	1025x460x405mm
Input Connectors	Army Post Terminal x 1 1/4in Jack x 1; Parallel			
LF Driver	12-FRDC x 2	12-XHF x 2	12-200 COL x 2	12-200 FZ x 2
HF Driver	Piezo Tweeter	Piezo Tweeter	CT-3430	CT-3430
Crossover Network	-	-	NW D-3430/300	NW D-3430/300
Finish	Carpet	Paint	Carpet	Paint
Weight	23.700 Kgs	24.700 Kgs	31 Kgs	31 Kgs

AP-212-400



AP-212-400P

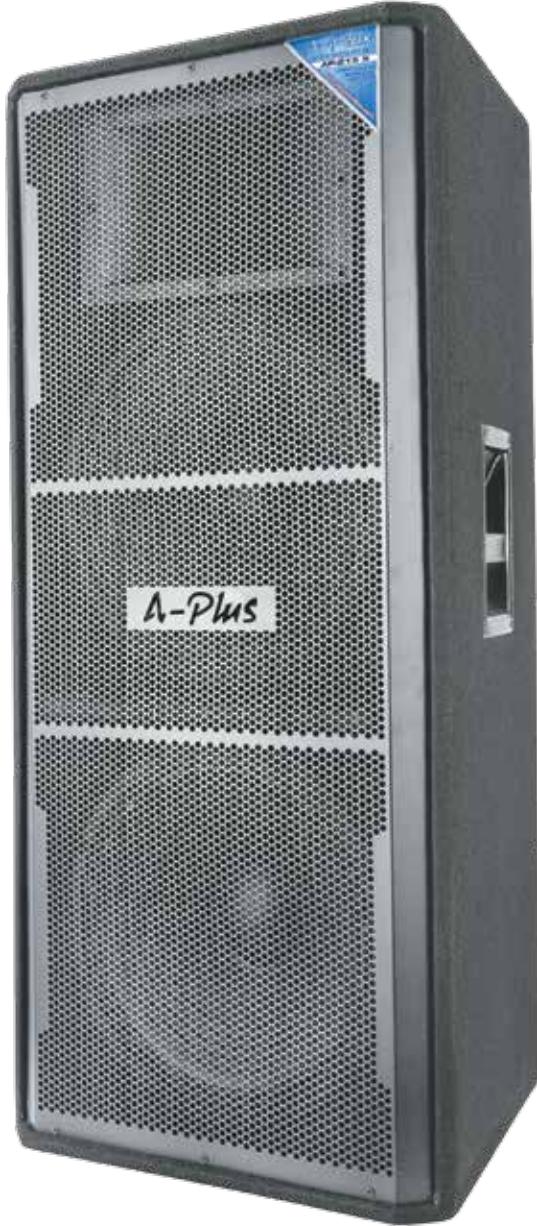
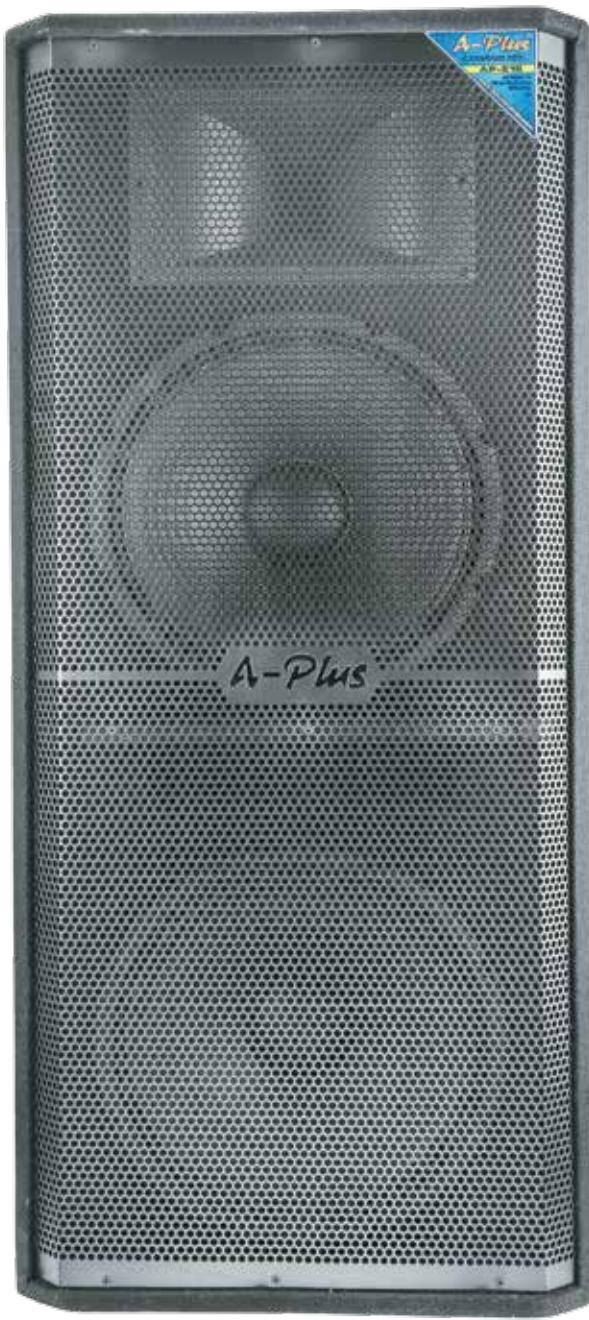


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**NEW
ARRIVAL**

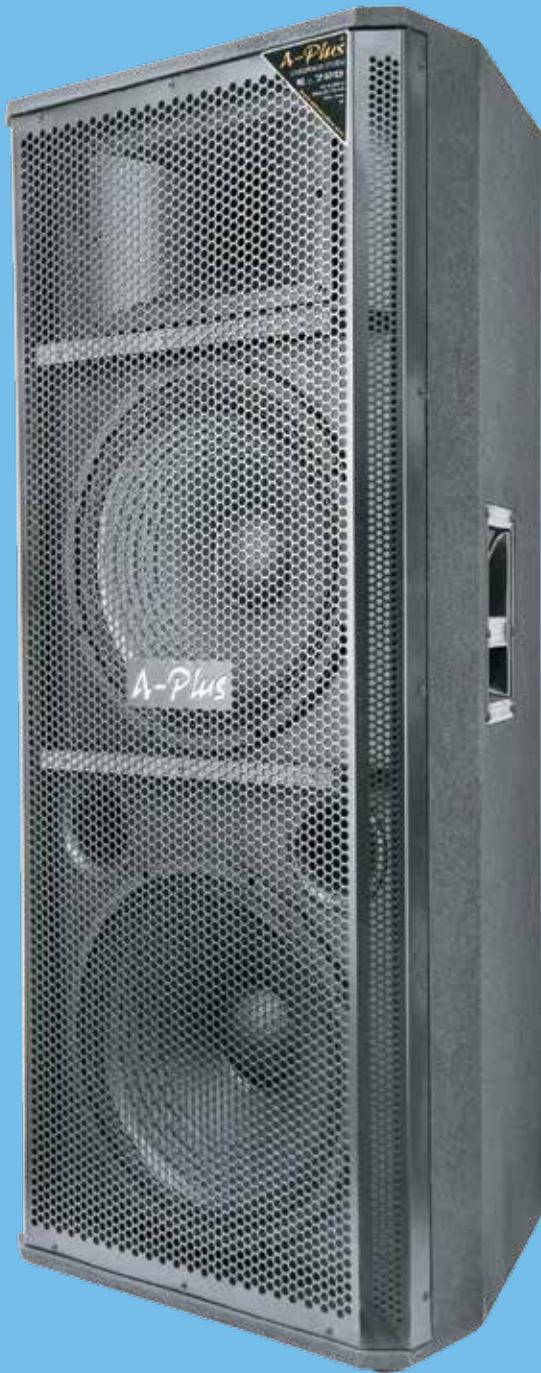
AP-312-600**AP-115 S**

	AP-312-600	AP-115 S	AP-115	AP-161
Power Rating	600W/1500W	200W/500W	300W/800W	400W/1000W
Recommended Amp.	1200W-1500W into 4 Ω	500W-600W Into 8 Ω	600W-700W Into 8 Ω	800W-1000W Into 8 Ω
Frequency Response	45Hz-16KHz	45Hz-4.5KHz	35Hz-16KHz	35Hz-16KHz
Sensitivity	100 dB SPL (1w/1 m)	101 dB SPL (1w/1m)	101dB SPL (1w/1m)	100 dB SPL (1w/1m)
Nominal Impedance	4 Ω	8 Ω	8 Ω	8 Ω
Dimensions (HXWxD)	1025x460x405mm	660x457x406mm	775x521x419mm	780x510x430mm
Input Connectors	4 Pole Speakon x2	Army Post Terminal x 1; 1/4in Jack x 1; Parallel	4 Pole Speakon x2	4 Pole Speakon x2
LF Driver	12-300 x 2	15-FR	15-300 COL	C-15-400
HF Driver	CT-4440	NHP-4000	CT-3430	CT-4440
Crossover Network	NW D-3430/300	-	NW D-3430/300	NW 400-EP
Finish	Paint	Carpet	Carpet	Paint
Weight	34 kgs	21 Kgs	29 Kgs	32.800 Kgs

AP-115**AP-161**

AP-215S**AP-215**

	AP-215 S	AP-215
Power Rating	500W/1200W	600W/1500W
Recommended Amp.	1000W-1200W Into 4 Ω	1200W-1500W Into 4 Ω
Frequency Response	45Hz-15KHz	35Hz-16KHz
Sensitivity	100 dB SPL (1w/1 m)	100 dB SPL (1w/1m)
Nominal Impedance	8 Ω	4 Ω
Dimensions (HXWxD)	1143x508x482mm	1245x545x505mm
Input Connectors	4 Pole Speakon x2	4 Pole Speakon x2
LF Driver	15-250 x 2	15-300 COL x 2
HF Driver	CT-3430	CT-4465
Crossover Network	NW D-3430/300	NW 4465/300x2
Finish	Carpet	Carpet
Weight	44.300 Kgs	50 Kgs

E-725**AP-262**

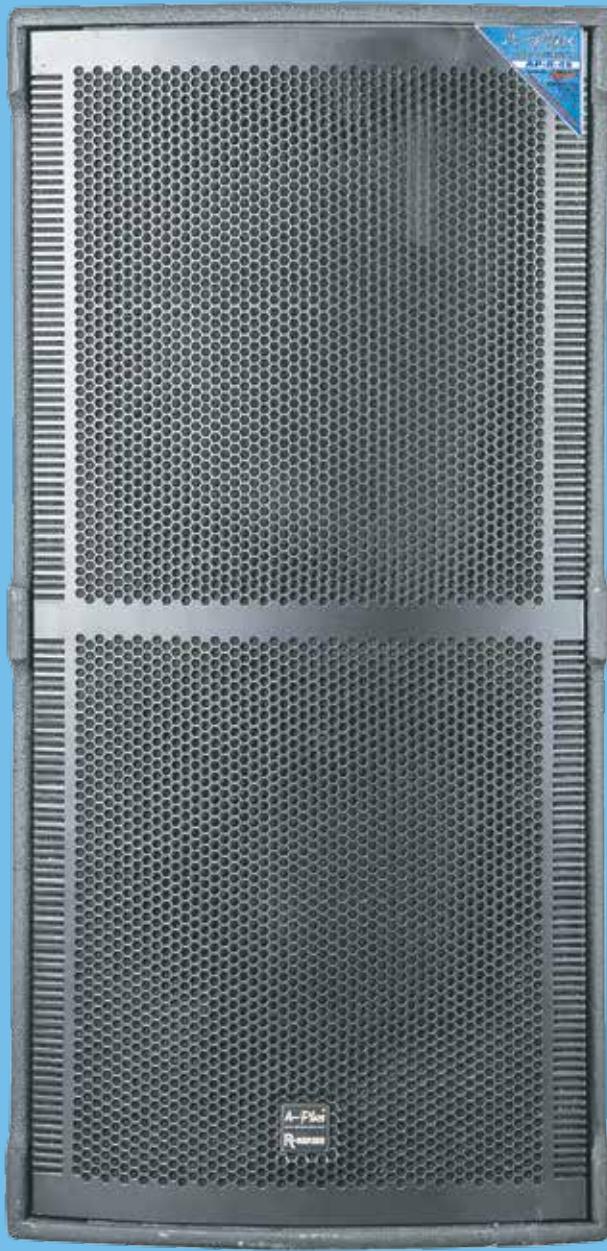
	E-725	AP-262
Power Rating	800W/2000W	800W/2000W
Recommended Amp.	1600W-2000W Into 4 Ω	1600W-2000W Into 4 Ω
Frequency Response	35Hz-16KHz	30Hz-16KHz
Sensitivity	100 dB SPL (1w/1m)	101 dB SPL (1w/1 m)
Nominal Impedance	4 Ω	4 Ω
Dimensions (HxWxD)	1240x530x490mm	1235x540x480mm
Input Connectors	4 Pole Speakon x2	4 Pole Speakon x2
LF Driver	15-400 SMB x 2	C-15-400 x 2
HF Driver	CT-4465	CT-5180
Crossover Network	NW SP-700/350x2	NW 800-EP
Finish	Paint	Paint
Weight	53 Kgs	58.400 Kgs

AP-118**SB-18**

	AP-118	SB-18
Power Rating	800W/2000W	1000W/3000W
Recommended Amp.	1600W-2000W Into 8 Ω	2000W-2400W Into 8 Ω
Frequency Response	30Hz-1.5KHz	30Hz-900Hz
Sensitivity	98 dB SPL (1w/1m)	98 dB SPL (1w/1 m)
Nominal Impedance	8 Ω	8 Ω
Dimensions (HXWxD)	622x635x762mm	725x530x700mm
Input Connectors	4 Pole Speakon x 2	4 Pole Speakon x 2
LF Driver	A 18-800	18X400
Crossover Network	NW Boom+	NW Boom+
Finish	Carpet	Paint
Weight	42 Kgs	52.500 Kgs

AP-18D**LB-18****AP-18B**

	AP-18D	LB-18	AP-18B
Power Rating	1200W/3000W	1500W/3500W	1800W/4000W
Recommended Amp.	2400W-3000W into 8 Ω	3000W-4000W Into 8 Ω	3600W-4000W Into 8 Ω
Frequency Response	30Hz-900Hz	25Hz-800KHz	25Hz-800Hz
Sensitivity	97dbSPL (1w/1 m)	98dbSPL (1w/1m)	97 dB SPL (1w/1m)
Nominal Impedance	8 Ω	8 Ω	8 Ω
Dimensions (HXWxD)	648x914x609mm	855x560x740mm	855x560x740mm
Input Connector	4 Pole Speakon x 2	4 Pole Speakon x 2	4 Pole Speakon x 2
LF Driver	TM-18-1200	18X401	LF-1850
Crossover Network	NW Boom+	NW Boom+	-
Finish	Paint	Paint	Paint
Weight	63 Kgs	66 Kgs	68 Kgs

R-45**R-925**

	R-45	R-925
Power Rating	900W/1800W	900W/1800W
Recommended Amp.	1200W-1800W Into 4 Ω	1200W-1800W Into 4 Ω
Frequency Response	35Hz-15KHz	35Hz-15KHz
Sensitivity	100 dB SPL (1w/1 m)	100 dB SPL (1w/1m)
Nominal Impedance	4 Ω	4 Ω
Dimensions (HXWXD)	1135x560x560mm	1252x409x510mm
Input Connectors	4 Pole Speakon x2	4 Pole Speakon x2
LF Driver	Black Legend 15x2	Black Legend 15x2
HF Driver	CT-5180	BP-4480
Crossover Network	NW 800-EP	NW 800-EP
Finish	Paint	Paint
Weight	58.500 Kgs	54 Kgs

R-735



	R-735	R-218
Power Rating	1000W/2000W	3000W/6000W
Recommended Amp.	2000W-4000W Into 4 Ω	4000W-5000W Into 4 Ω
Frequency Response	35Hz-16KHz	25Hz-800Hz
Sensitivity	101dB SPL (1w/1m)	98 dB SPL (1w/1m)
Nominal Impedance	4 Ω	4 Ω
Dimensions (HXWXD)	1086x485x510mm	595x1215x750mm
Input Connectors	4 Pole Speakon x2	4 Pole Speakon x2
LF Driver	Legend 1582 x 2	18X401 x 2
HF Driver	TM 450	-
Crossover Network	NW 1000/5180	NW Boom+
Finish	Paint	Paint
Weight	56 Kgs	90 Kgs

R-218

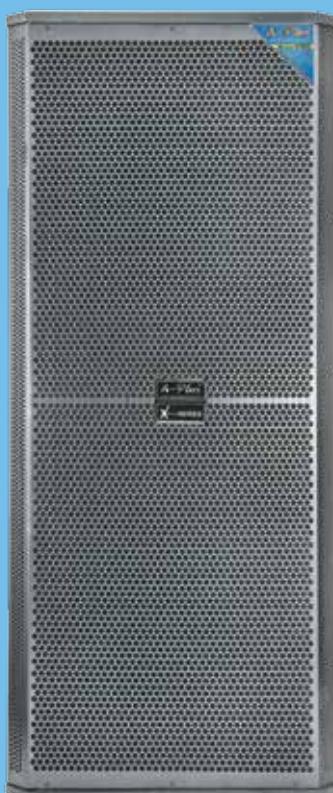




**NEW
ARRIVAL**

X 815**X 818**

	X 815	X 818	X 725	X 825
Power Rating	600W/1500W	1500W/3500W	1200W/2800W	1200W/2800W
Recommended Amp.	1200W-1500W Into 8 Ω	3000W-3500W Into 8 Ω	2400W-2800W Into 4 Ω	2400W-2800W Into 4 Ω
Frequency Response	35Hz-18KHz	30Hz-900Hz	35Hz-18KHz	35Hz-18KHz
Sensitivity	100 dB SPL (1w/1 m)	100 dB SPL (1w/1m)	101 dB SPL (1w/1 m)	101dB SPL (1w/1 m)
Nominal Impedance	8 Ω	8 Ω	4 Ω	4 Ω
Dimensions (HXWxD)	420x475x435mm	585x620x720mm	1240x530x490mm	1066x568x573mm
Input Connectors	4 Pole Speakon x2			
LF Driver	Legend XLNC	18X401	Legend XLNC x 2	Legend XLNC x 2
HF Driver	TM-750	-	TM-750	TM-750
Crossover Network	NW 800/750	NW Boom+	NW 7200/500x2	NW 7200/500x2
Finish	Paint	Paint	Paint	Paint
Weight	36.400 Kgs	48 Kgs	66.800 Kgs	67.900 Kgs

X 725**X 825**

X 728



	X 728	X828
Power Rating	2000W/5000W	2000W/5000W
Recommended Amp.	4000W-4200W Into 8 Ω	4000W-4200W Into 4 Ω
Frequency Response	25Hz-900Hz	25Hz-900Hz
Sensitivity	98 dB SPL (1w/1m)	98 dB SPL (1w/1m)
Nominal Impedance	4 Ω	4 Ω
Dimensions (HXWxD)	625x1060x740mm	587x1178x754mm
Input Connectors	4 Pole Speakon x2	4 Pole Speakon x2
LF Driver	Terminator-18 x 2	18X400 x 2
Crossover Network	NW Boom+	NW Boom+
Finish	Paint	Paint
Weight	85 Kgs	85 Kgs

X 828



LF-1800

	LF-1800	LF-3600
Power Rating	1800W/4000W	3600W/7200W
Recommended Amp.	3600W-4000W @ 8 Ω	4000W-6000W @ 4 Ω
Frequency Response	25Hz-800Hz	20Hz-800Hz
Sensitivity	100dbSPL	98dbSPL (1w/1 m)
Nominal Impedance	8 Ω	4 Ω
Dimensions (HXWXD)	625x1060x740mm	615x1226x768mm
Input Connectors	4 Pole Speakon x 2	4 Pole Speakon x2
LF Driver	LF-1850	LF-1850 x 2
Crossover Network	-	-
Finish	Paint	Paint
Weight	77.800 Kgs	108 Kgs

LF-3600

WEDGES 12



WEDGES 15



	WEDGES 12	WEDGES 15	APLA-212
Power Rating	300W/600W	400W/800W	1000W/2400W
Recommended Amp.	600W-1000W @ 8 Ω	600W-1000W @ 8 Ω	1600W-2000W into 4 Ω
Frequency Response	55Hz-16KHz	45Hz-16KHz	35Hz-18KHz
Sensitivity	100dbSPL (1w/1 m)	100dbSPL (1w/1 m)	101 dB SPL (1w/1m)
Nominal Impedance	8 Ω	8 Ω	4 Ω
Dimensions (HXWXD)	660x457x432mm	749x470x470mm	380x930x530mm
Input Connectors	4 Pole Speakon x2	4 Pole Speakon x2	4 Pole Speakon x 2
LF Driver	12-300	15-400 SMB	NEO-12-500 x 2
HF Driver	CT-3430	CT-4440	80w HF x 2
Crossover Network	NW D-3430/300	NW D-3430/300	NW EP D-450
Finish	Paint	Paint	Paint
Weight	19.300 Kgs	26 Kgs	34.500 Kgs

APLA-212



AP 282**R 738**

	AP 282	R 738	LF-4000
Power Rating	2000W/5000W	1000W/2400W	4000W/8000W
Recommended Amp.	3000W-4000W into 4 Ω	2000W-3000W into 4 Ω	4000W-6000W into 4 Ω
Frequency Response	30Hz-19Khz	35Hz-16Khz	20Hz-800Hz
Sensitivity	101dbSPL (1w/1 m)	101dbSPL (1w/1 m)	98 dB SPL (1w/1m)
Nominal Impedance	4 Ω	4 Ω	4 Ω
Dimensions (HxWxD)	1240x525x450mm	1240x525x490mm	609x1231x927mm
Input Connectors	4 Pole Speakon	4 Pole Speakon	4 Pole Speakon
LF Driver	LF-15-1000x2	1582x2	LF-2000x2
HF Driver	TM-1001	CT-5180	-
Crossover Network	NW 1600-EP	NW 800-EP	-
Finish	Paint	Paint	Paint
Weight	70 Kgs	59 Kgs	127 Kgs

LF-4000

**NEW
ARRIVAL**

I Series

LINE ARRAYS SYSTEM



I10 / I12



I210 / I212

	I10 (NEO)	I12 (NEO)	I210 (NEO)	I212 (NEO)
Power Rating	400W/W/1000W	400W/1000W	900W/2200W	1000W/2400W
Recommended Amp.	800W-1000W into 8 Ω	800W-1000W into 8 Ω	1500W-2000W into 4 Ω	1600W-2000W into 4 Ω
Frequency Response	50Hz-19KHz	40Hz-16KHz	45Hz-18KHz	35Hz-18KHz
Sensitivity	101dbSPL (1w/1 m)	101dbSPL (1w/1 m)	101 dB SPL (1w/1m)	101 dB SPL (1w/1m)
Nominal Impedance	8 Ω	8 Ω	4 Ω	4 Ω
Dimensions (HXWXD)	300x610x410mm	360x680x460mm	330x910x340mm	385x1010x450mm
Input Connectors	4 Pole Speakon	4 Pole Speakon	4 Pole Speakon	4 Pole Speakon
LF Driver	NEO-10-400	NEO-12-400	NEO-10-400x2	NEO-12-400x2
HF Driver	N-44	BP-4480	N-44	BP-4480x2
Finish	Paint	Paint	Paint	Paint
Weight	18 Kgs	27 Kgs	28 Kgs	51 Kgs

NEW
ARRIVAL

SUB 218-4000



	SUB 218-4000	SUB 221-5000
Power Rating	4000W/8000W	5000W/9000W
Recommended Amp.	4000W-6000W @ 4 Ω	5000W-7000W @ 4 Ω
Frequency Response	25Hz-800Hz	20Hz-800Hz
Sensitivity	98dbSPL	98dbSPL (1w/1 m)
Nominal Impedance	4 Ω	4 Ω
Dimensions (HXWxD)	620x1210x800mm	620x1210x975mm
Input Connectors	4 Pole Speakon x 2	4 Pole Speakon x2
LF Driver	LF-2000 x 2	LF-2160 x 2
Finish	Paint	Paint
Weight	130 Kgs	145 Kgs

SUB 221-5000



PORATABLE & INSTALL

15AD MKII



12FD



15FD



NEW ARRIVAL

MODEL	15AD MKII	12FD	15FD
Type	Two Way BiAmp	Two Way BiAmp	Two Way BiAmp
Frequency Response	50Hz-20K	50Hz-20K	50Hz-20K
Sensitivity (1m/1w)	93dB	93dB	93dB
Impedance	4 Ω	4 Ω	4 Ω
Woofer	1x15" 75mm 60OZ	1x12" 65mm 50OZ	1x15" 75mm 60OZ
Driver	1.35" Titanium	1.75" Titanium	1.75" Titanium
SPL	120dB	121dB	123dB
DSP	96KHz Sampling Frequency 48Bit	96KHz Sampling Frequency 48Bit	96KHz Sampling Frequency 48Bit
Bluetooth Module	Yes	Yes	Yes
Amp Type	LF Class D HF Class AB	LF Class D HF Class AB	LF Class D HF Class AB
Amp Power	LF300W+HF100W RMS	LF400W+HF100W RMS	LF500W+HF100W RMS
Peak Power	LF600W+HF200W RMS	LF800W+HF200W RMS	LF1000W+HF200W RMS
Crossover	1.9KHz	2.5KHz	2.0KHz
Dimension	500x400x760mm	405x420x670mm	485x450x775mm
Weight	20Kgs	19Kgs	23Kgs



PMQ15AM

15" Bluetooth Battery Speaker
USB/SD/Remote Control/Track list>Title,
Folder Search with 2 VHF microphone
2"VC 35OZ 1 "Driver with Bluetooth
Indicator Light



PMQ12AM

12" Bluetooth Battery Speaker
USB/SD/Remote Control/Track list>Title,
Folder Search with 2 VHF microphone
2"VC 35OZ 1 "Driver with Bluetooth
Indicator Light

EI-801

High Output SPL and Sensitivity
 RMS 100 W, Peak 300 W
 1 x 8" high power transducer with 34mm voice coil
 1 x 1" titanium diaphragm compression driver with neodymium coaxial design
 90° x 90° Controlled coverage pattern
 Speakon x 2 output connectors
 Cabinet design for FOH use
 Suitable for use as a main system with or without sub speakers augmentation.
 Portable system (Stand), or permanent installation (wall, Ceiling, under balcony)
 Durable Polyurethane texture base paint.



EI-1201 SW

High Output SPL and Sensitivity
 1 x 12" high power low frequency transducer with voice coil
 RMS 300W, peak 800W
 Comes with convenient handles
 Speakon x 2 output connectors
 Cabinet design for FOH use
 Suitable for use with full range loudspeakers
 Powder coated grill
 Durable Polyurethane texture base paint



EI-1201 SW

EI-1202 SW

High Output SPL and Sensitivity
 2 x 12" high power low frequency transducer with voice coil RMS 600W, peak 1600W
 Speakon x 2 output connectors
 Cabinet design for FOH use
 Suitable for use with full range loudspeakers
 Durable Polyurethane texture base paint



P.A AMPLIFIERS



USB 600



USB 1100



USB 1200

	USB 600	USB 1100	USB 1200
Power Output	60W RMS (80W max)	110W RMS (150W max)	120W RMS (150W max)
Input Channels	3 MIC, 2 AUX	5 MIC, 3 AUX, 1 Line in	5 MIC, 3 AUX, 1 Line in
Digital Player		MP3 Player with USB, SD, MMC Card Reader, FM Tuner and Bluetooth	
Tone Control		Bass: ±10dB at 100Hz Mid: ±10dB at 1KHz Treble: ±10dB at 10KHz	
Output		1V Line out	1V Line out
Speaker Output	4Ω, 8Ω, 70V, 100V	4Ω, 8Ω, 70V, 100V	4Ω, 8Ω, 70V, 100V
Frequency Response	50 Hz - 15.7 KHz	50 Hz - 15 KHz	50 Hz - 15 KHz
S/N Ratio	65 dB	62 dB	62 dB
Power Supply	AC 230V/50Hz, DC 12V	AC 230V/50Hz, DC 24V	AC 230V/50Hz, DC 12V
Dimensions	W425xH100xD300mm	W410xH140xD320mm	W410xH140xD320mm
Weight	7.6 Kgs	9.5 Kgs	9.5 Kgs



USB 1600



USB 3000

	USB 1600	USB 3000
Power Output	160W RMS (225W max)	300W RMS (375W max)
Input Channels	5 MIC, 3 AUX, 1 Line in	6 MIC, 3 AUX, 1 Line in
Digital Player		MP3 Player with USB, SD, MMC Card Reader, FM Tuner and Bluetooth
Tone Control		Bass: ±10dB at 100Hz Mid: ±10dB at 1KHz Treble: ±10dB at 10KHz
Output	1V Line out	200mV Pre out, 1V Line out
Speaker Output	4Ω, 8Ω, 70V, 100V	4Ω, 8Ω, 70V, 100V
Frequency Response	50 Hz - 15 KHz	50 Hz - 15.7 KHz
S/N Ratio	62 dB	65 dB
Power Supply	AC 230V/50Hz, DC 24V	AC 230V/50Hz, DC 24V
Dimensions	W410xH140xD320mm	W505xH155xD340mm
Weight	14 Kgs	17.5 Kgs

**USB 5000****USB 6000A**

	USB 5000	USB 6000A
Power Output	500W RMS (700W max)	600W RMS (850W max)
Input Channels	6 MIC, 3 AUX, 1 Line in	8 MIC, 3 AUX, 1 Line in
Digital Player	MP3 Player with USB, SD, MMC Card Reader, FM Tuner and Bluetooth	
Tone Control	Bass: ±10dB at 100Hz Mid: ±10dB at 1KHz Treble: ±10dB at 10KHz	
Output	200mV Pre out, 1V Line out	200mV Pre out, 1V Line out
Speaker Output	2Ω, 4Ω, 70V, 100V	2Ω, 4Ω, 70V, 100V
Frequency Response	50 Hz - 15 KHz	50 Hz - 15.7 KHz
S/N Ratio	62 dB	62 dB
Power Supply	AC 230V/50Hz	AC 230V/50Hz
Dimensions	W495xH155xD420mm	W495xH155xD420mm
Weight	22 Kgs	24 Kgs

**USB 8000A****USB 10000A**

	USB 8000A	USB 10000A
Power Output	800W RMS (1100W max)	1000W RMS (1400W max)
Input Channels	8 MIC, 3 AUX, 1 Line in	8 MIC, 3 AUX, 1 Line in
Digital Player	MP3 Player with USB, SD, MMC Card Reader, FM Tuner and Bluetooth	
Tone Control	Bass: ±10dB at 100Hz Mid: ±10dB at 1KHz Treble: ±10dB at 10KHz	
Output	200mV Pre out, 1V Line out	200mV Pre out, 1V Line out
Speaker Output	2Ω, 4Ω, 70V, 100V	2Ω, 4Ω, 70V, 100V
Frequency Response	50 Hz - 15.7 KHz	50 Hz - 15 KHz
S/N Ratio	65 dB	62 dB
Power Supply	AC 230V/50Hz	AC 230V/50Hz
Dimensions	W425xH100xD300mm	W495xH155xD420mm
Weight	26 Kgs	31 Kgs



USB 6000B



USB 8000B

	USB 6000B	USB 8000B
Power Output	600W RMS (850W max)	800W RMS (1100W max)
Input Channels	1 MIC, 2 AUX, 1 Line in	1 MIC, 2 AUX, 1 Line in
Digital Player	MP3 Player with USB, SD, MMC Card Reader, FM Tuner and Bluetooth	
Tone Control	Bass: ±10dB at 100Hz Mid: ±10dB at 1KHz Treble: ±10dB at 10KHz	
Output	200mV Pre out, 1V Line out	200mV Pre out, 1V Line out
Speaker Output	2Ω, 4Ω, 70V, 100V	2Ω, 4Ω, 70V, 100V
Frequency Response	50 Hz - 15 KHz	50 Hz - 15 KHz
S/N Ratio	65 dB	65 dB
Power Supply	AC 230V/50Hz	AC 230V/50Hz
Dimensions	W495xH155xD420mm	W495xH155xD420mm
Weight	23.5 Kgs	25.8 Kgs



USB 10000B

	USB 10000B
Power Output	1000W RMS (1400W max)
Input Channels	1 MIC, 2 AUX, 1 Line in
Digital Player	MP3 Player with USB, SD, MMC Card Reader, FM Tuner and Bluetooth
Tone Control	Bass: ±10dB at 100Hz Mid: ±10dB at 1KHz Treble: ±10dB at 10KHz
Output	200mV Pre out, 1V Line out
Speaker Output	2Ω, 4Ω, 70V, 100V
Frequency Response	50 Hz - 15 KHz
S/N Ratio	65 dB
Power Supply	AC 230V/50Hz
Dimensions	W495xH155xD420mm
Weight	30.5 Kgs

**TZA 3000 DP****TZA 5000 DP**

	TZA 3000 DP	TZA 5000 DP
Power Output	150+150W RMS (200w max)	250+250W RMS (350w max)
Input Channels	6 MIC, 2 AUX, 1 Stereo input	6 MIC, 2 AUX, 1 Stereo input, 2 Line in
Digital Player	MP3 Player with USB, SD, MMC Card Reader, FM Tuner and Bluetooth	
Tone Control	Bass: ±10dB at 100Hz Mid: ±10dB at 1KHz Treble: ±10dB at 10KHz	
Output	200mV Pre out, 2x1V Line out	200mV Pre out, 2x1V Line out
Speaker Output	4Ω, 8Ω, 70V, 100V	4Ω, 8Ω, 70V, 100V
Frequency Response	50 Hz - 15 KHz	50 Hz - 15 KHz
S/N Ratio	62 dB	62 dB
Power Supply	AC 230V/50Hz, DC 24V	AC 230V/50Hz
Dimensions	W505xH155xD340mm	W495xH155xD420mm
Weight	16 Kgs	24.5 Kgs

**TZA 7000 DP****TZA 10000 DP**

	TZA 7000 DP	TZA 10000 DP
Power Output	350+350W RMS (480w max)	500+500W RMS (700w max)
Input Channels	6 MIC, 2 AUX, 1 Stereo input, 2 Line in	6 MIC, 2 AUX, 1 Stereo input
Digital Player	MP3 Player with USB, SD, MMC Card Reader, FM Tuner and Bluetooth	MP3 Player with USB, SD, MMC Card Reader, FM Tuner & Bluetooth
Tone Control	Bass: ±10dB at 100Hz Mid: ±10dB at 1KHz Treble: ±10dB at 10KHz	
Output	200mV Pre out, 2x1V Line out	200mV Pre out, 2x1V Line out
Speaker Output	4Ω, 8Ω, 70V, 100V	4Ω, 8Ω, 70V, 100V
Frequency Response	50 Hz - 15 KHz	50 Hz - 15 KHz
S/N Ratio	62 dB	62 dB
Power Supply	AC 230V/50Hz	AC 230V/50Hz
Dimensions	W495xH155xD420mm	W495xH155xD420mm
Weight	28 Kgs	34 Kgs



TZ 400+400



TZ 500+500

	TZ 400+400	TZ 500+500
Power Output	400+400W RMS (550w max)	500+500W RMS (700w max)
Input Channels	1 MIC, 2 AUX, 1 Stereo input, 2 Line in	1 MIC, 2 AUX, 1 Stereo input, 2 Line in
Tone Control	Bass: ±10dB at 100Hz Mid: ±10dB at 1KHz Treble: ±10dB at 10KHz	
Output	200mV Pre out, 2x1V Line out	200mV Pre out, 2x1V Line out
Speaker Output	4Ω, 8Ω, 70V, 100V	2Ω, 4Ω, 70V, 100V
Frequency Response	50 Hz - 15 KHz	50 Hz - 15 KHz
S/N Ratio	62 dB	62 dB
Power Supply	AC 230V/50Hz	AC 230V/50Hz
Dimensions	W495xH155xD420mm	W495xH155xD420mm
Weight	30.8 Kgs	33 Kgs



TZ 800+800



TZ 1000+1000

	TZ 800+800	TZ 1000+1000
Power Output	800+800W RMS (1100w max)	1000+1000W RMS (1400w max)
Input Channels	2 AUX, 2 Line in	2 AUX, 2 Line in
Tone Control	Bass: ±10dB at 100Hz Mid: ±10dB at 1KHz Treble: ±10dB at 10KHz	
Output	2x200mV Pre out, 2x1V Line out	2x200mV Pre out, 2x1V Line out
Speaker Output	2Ω, 4Ω, 70V, 100V	2Ω, 4Ω, 70V, 100V
Frequency Response	50 Hz - 15 KHz	50 Hz - 15 KHz
S/N Ratio	62 dB	62 dB
Power Supply	AC 230V/50Hz	AC 230V/50Hz
Dimensions	W550xH165xD460mm	W550xH165xD460mm
Weight	41 Kgs	44.5 Kgs

AMPLIFIERS

EVOLUTIONARY REFINEMENT FOR REVOLUTIONARY SOUND



Great products don't just appear, they evolve. Updated with leading edge technology, the new VAC1090 & VAM6060, modern avatar of the classic VAC1080 & VAM5050 delivers more power and sounds better than anything you've ever heard.



VAC 1080



VAC 1090

	VAC 1080	VAC 1090
Output Power	2x1200W@8Ω / 2x1800W@4Ω / 2x2400W@2Ω	2x1500W@8Ω / 2x2100W@4Ω / 2x2800W@2Ω
Damping Factor@Ω	650>	650>
Output Circuitry	Class H+	Class H+
Size	3U	3U
Net Weight	40 Kgs	42 Kgs



VAP 5500



VAP 9900

	VAP 5500	VAP 9900	VAP 5000X
Output Power	2x500W@8Ω / 2x700W@4Ω / 2x1000W@2Ω	2x1000W@8Ω / 2x1500W@4Ω / 2x1950W@2Ω	2x1300W@8Ω / 2x2000W@4Ω / 2x2500W@2Ω
Damping Factor@Ω	300>	700>	700>
Output Circuitry	Class AB	Class H+	Class H+
Size	2U	3U	3U
Net Weight	19 Kgs	32 Kgs	38 Kgs

VAP 5000X



VAM 5050



VAM 6060

	VAM 5050	VAM 6060
Output Power	2x1500W@8Ω / 2x2000W@4Ω / 2x2500W@2Ω	2x1800W@8Ω / 2x2400W@4Ω / 2x3000W@2Ω
Damping Factor@Ω	1200>	1200>
Output Circuitry	Class H+	Class H+
Size	3U	3U
Net Weight	41 Kgs	42 Kgs



✓ Touring ✓ Installation

- Full-range loudspeakers
- Subwoofers
- Medium to large-scale touring system
- Arenas & concert halls
- Stadiums & open-air events
- Multi-zone venues & live clubs

FEATURE:

- ▶ Combine with 3 degree class H high efficient circuit, supply up to Bohms 2*2000W (4ohms 2*4000W, 2ohms 2*6000W) strong power.
- ▶ Perfect circuit protection design, equip with over-heat protection, pressure limit protection, over-current protection, over-loaded protection.
- ▶ Combine with 12 (18000uf) capacitance of high effective and high quality. The low frequency less than 20Hz.

VAX-8000

2x6000W (2Ω)

SPECIFICATIONS

Models	VAX-8000
Power @ 8Ω	2x2000W
Power @ 4Ω	2x4000W
Power @ 2Ω	2x6000W
Bridged @ 8Ω	4000W
Bridged @ 4Ω	8000W
Dimensions (cm)	-
N.W/G.W (kg)	-

POWER AMPLIFIERS

DJ SERIES



	APIN 1.2D	APIN 2.2D
Continuous Rated Power	600+600W RMS Max. For each Zone 2Ω :	1100+1100W RMS Max. For each Zone 2Ω :
Stereo/Mono	600+600W RMS @ 10% THD	1000+1000W RMS @ 10% THD
Tone Controls	BASS : (100Hz) ± 10dB for each Zone MID : (1KHz) ± 10dB for each Zone TREBLE : (10KHz) ± 10dB for each Zone	BASS : (100Hz) ± 10dB for each Zone MID : (1KHz) ± 10dB for each Zone TREBLE : (10KHz) ± 10dB for each Zone
Input Impedance	10K Unbalanced	10K Unbalanced
Channel Separation	70dB @ 1KHz	70dB @ 1KHz
Damping Factor	400:1 @ 8Ω Load	400:1 @ 8Ω Load
Protections	Temp. DC Short Circuit Overload	Temp. DC Short Circuit Overload
Cooling	1 AC Fan (120mm x 120mm)	2 AC Fan (120mm x 120mm)
Frequency Response(-2Db)	30-20000Hz	30-20000Hz
Power Supply	220~240V, 50/60Hz	220~240V, 50/60Hz
Dimensions /Weight	W 505 x H 155 x D x440mm/22 Kg	W 505 x H 155 x D x440mm/23.5 Kg



MICROPHONES

**AP-48****AP-108****AP-88****AP-38**

	AP-48	AP-108	AP-88	AP-38
Application	General Purpose	General Purpose	Vocal	Vocal
Transducer Type	Dynamic	Dynamic	Dynamic	Super Dynamic
Directivity	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Frequency Response	50Hz-9KHz	50Hz-12KHz	50Hz-14KHz	50Hz-16KHz
Connector	3-pin XLR male	3-pin XLR male	3-pin XLR male	3-pin XLR male
Impedance	600Ω	600Ω	600Ω	600Ω
Accessories Included	5Mtr XLR-Jack cable, Mic Holder, Pouch			Mic Holder, Plastic Case

GOOSE NECK MICROPHONE

**AP-265****MX-418**

	AP-265	MX-418
Capsule Type	Condenser	Condenser
Impedance	200Ω	200Ω
Directivity	Cardioid	Cardioid
Frequency Response	50Hz-14KHz	50Hz-16KHz
Power Supply	3V	3V/48V

WIRELESS MICROPHONES



TRANSMITTERS

AP-9310

Transmission Power	10mW or 5mW
Modulation Mode	PLL Synthesized
Battery Type	2*AA
Image & Spurious Rejection	>50dB
Frequency Response	60Hz-15KHZ+3dB

RECEIVER

Carrier Frequency	UHF650-814MHz
Total Channels	100
Oscillation Mode	PLL Synthesized
Dynamic Range	>110dB
THD	<0.5%
Frequency Response	50Hz-16KHz ± 3dB
S/N Ratio	>90dB
Effective Use Range	>60M
Power Supply	Dc14-22V 500mA
Receiver Type	Antenna Diversity

TRANSMITTERS

AP-1000/AP-1100

Adjustment Mode	FM
Image Controlment	>50dB
Max deviation	<75KHz
Power	DC 2.4~3.0V

SPECIFICATION

Channel	1 channel / 2 channels
Frequency range	480MHz-860MHz
Frequency response	50Hz-16KHz±3dB
Dynamic range	>110dB
THD	<0.5%
S/N Ratio	>90dB
Operating range	>20M
Power consumption	1W-2W

RECEIVER

Sensitivity	2.0uV
S/N Ration	>90dB
Distortion	<0.5%
Output	Balanced output, 6.35mm mixing output x1
Power	DC12V 200mA

**AP-2100 / AP-2100LL****AP-3100 / AP-3100LL****HANDHELD TRANSMITTER SPECIFICATION**

Dimension (mm)	50x249 mm / 63x22x106	51x252 mm / 63x22x106
Antenna	built-in Type	built-in Type
Harmonic radiation	<0.005%, at 0~50°C / ≤-60dBc	<0.005%, at 0~50°C / ≤-60dBc
Frequency Stability	±0.005%, at 0~50°C	±0.005%, at 0~50°C
Battery Type	2 x AA 1.5 V	2 x AA 1.5 V
Battery Time	For more than 8 hours	For more than 8 hours

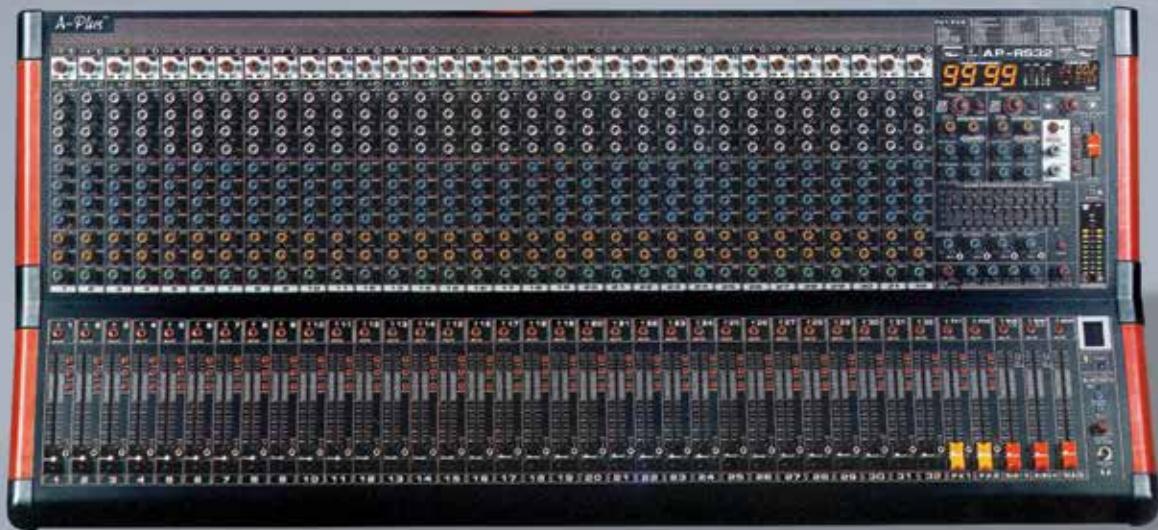
RECEIVER FEATURE

Channels	Total : 200	Total : 200
Carrier Frequency	UHF 480MHz-860MHz	UHF 440MHz-960MHz
Bandwidth	≤250kHz	≤250kHz
Frequency Response	30Hz-16KHz+_3dB	35Hz-20KHz±3dB
Sensitivity	>100dB	>100dB
THD	<0.5%	<0.5%
S/N Ratio	>90dB	>90dB
Effective Use Range	>50M	>70M
Power Consumption	2W - 4W	2W - 4W
Receive Type	UHF	UHF
Audio Jack	1*6.3mm mix output & 2*XLR balance output	1*6.3mm mix output & 2*XLR balance output
Battery Status Direction	Display the transmitter battery status	Display the transmitter battery status
Antenna Input Socket	Two the BNC socket	Two the BNC socket
Power supply	220~240 VAC/ 12 ~ 14 DC	DC14-22V 500mA
Dimensions	210(L)x155(W)x45(H)	419(L)x172(W)x42(H)

NOTE : All specifications are subject to error, based on the actual product.

Carrier frequency range, maximum offset degree are basis on the national radio regulations.

MIXERS



AP-RS16/AP-RS24/AP-RS32



Bluetooth Play & Computer Connection | 4 Stereo Group & 4 AUX SEND | Digital Display MP3 (U-DISK/SD CARD/ MP3 input)
Channel +48V Phantom Power | Dual 11 Band EQ | Each Channel with Mute Switch | Built-in 99 DSP Effects
Four Group Main Output Control | Five Band Effect Level Monitor | Dual Twelve Band Level Display Main Output
Record Earphone Monitor Output | 4 Band EQ Each Channel

LIVE MIXERS



AP-PX4 AP-PX8



With Digital Display MP3(U-DISK MP3 input)
Bluetooth with record function USB | Dual 8
Band Display Main Output | Single group main
output control | Record earphone monitor
output | 3 Band EQ Each Channel | +48
Phantom Power | Single 8 Band EQ



AP-DX4 AP-DX8



With Digital Display MP3 (U-DISK MP3 input)
& Bluetooth | With record function USB | Dual
12 Band Display Main Output | Single group
main output control | Record earphone
monitor output | 3 Band EQ Each Channel
Build in 16 DSP Effector | +48V Phantom Power



AP-M12 DSP AP-M16 DSP



Bluetooth

With Digital Display MP3 (U-DISK/SD CARD MP3 input)
+48V Phantom Power | Each Channel with Mute Switch
Build in 99 DSP Effects | Dual Group Main Output Control
5 Band Effect Level Monitor | Dual 12 Band Display Main
Output | Dual 7 Band EQ | Record Earphone Monitor
Output | 3 Band EQ Each Channel | AUX1, AUX2 & Send
Return Controls & Jack Connections

DJ MIXERS

PMX300 M/PMX300



DJM 310



Professional 3-channel ultra low-noise DJ mixer with additional Mic input and Headphone monitor
The built-in fully independent single channel USB player
Large LCD display with track
Super-smooth ULTRAGLIDE faders with up to 500,000 life cycles | 1x Microphone XLR input
XLR Balanced master output
2x switchable phono (line) / line stereo inputs
1 x line stereo input | All stereo inputs with gain and 3-band EQ(+12/-26dB) | 60mm channel faders
45mm dual-rail crossfader for channels 1 and 3 with steep flat curve switch
Master section with level control and dual level meter
Additional booth output

POWERED MIXERS



GM16P



Bluetooth

With Bluebooth Play
With Digital Display MP3(U -DISK MP3 input)
MP3 with REC | +48V Phantom Power | Dual 9 Band EQ
Each Channel with Mute Switch
Build in Double 99 DSP Effector
With reduce noise function for Karaoke
Five band effect level monitor
Dual twelve band level display main output
Record earphone monitor output | 3 band EQ each channel
350W/ 450W/ 650W(4 ohm X2)

WALLMOUNT SPEAKERS



	EMW5M
Impedance	8 ohms
Woofer	5"(120mm)
Tweeter	0.5"(13mm) Mylar dome
Sensitivity(l w/1 m)	88dB
Frequency Response	90Hz-18KHz
Power(RMS)	30W
Over Dimension(WxDxH)	155x150x245mm
Colour	White/Black
Transformer	20W-10W-5W/100V



	EMW6.5M
Impedance	8 ohms
Woofer	6.5"(166mm)
Tweeter	1"(25mm) Silk dome
Sensitivity(l w/1 m)	87dB
Frequency Response	70Hz-20KHz
Power(RMS)	40W
Over Dimension(WxDxH)	199x188x300mm
Colour	White/Black
Transformer	30W-15W-7.5W/100V

IN WALL SPEAKERS



	EIW-85A
Frequency Response	45Hz-20KHz
RMS Power	80 W
Impedance	8 ohms
Sensitivity(l w/1 m)	88 dB
Woofer	8" kevlar woven cone
Tweeter	0.76" silk dome, pivoting
Tweeter Equalizer	+2dB/-2dB
Enclosure Material	ABS
Cutout Dimensions	338*218mm
Depth with 1/2" drywall	98mm
Overall Dimensions	377*257*108mm

CEILING SPEAKERS



	TPI-304	TPI-305
Power	5W/10W	5W/10W
Impedance	8 ohms	8 ohms
Line Voltage	70V/100V AC	70V/100V AC
Frequency Response	88Hz-17KHz	90Hz-18KHz
Sensitivity (1w/1m)	90dB	91dB
Speaker Unit	5" (120mm)	6.5" (166mm)
Cutout Dimension	Φ150mm	Φ163mm
Over Dimension	Φ180*50mm	Φ195*57mm

	EIW-50A
Frequency Response	65Hz-20KHz
RMS Power	40 W
Impedance	8 ohms
Sensitivity(l w/1 m)	86 dB
Woofer	5.25" kevlar woven cone
Tweeter	0.76" silk dome
Tweeter Equalizer	+2dB/-2dB
Enclosure Material	ABS
Cutout Dimensions	Φ192mm
Depth with 1/2" drywall	80mm
Overall Dimensions	Φ232*88mm



ACTIVE CROSSOVER



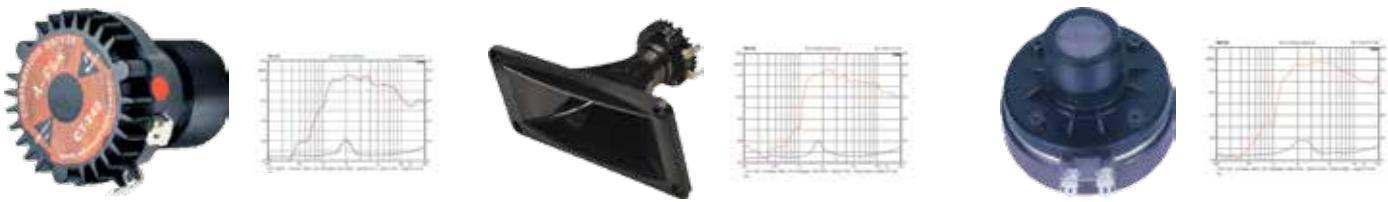
SC 202

Crossover	Stereo 2 Ways + Subwoofer
Crossover Range	Subwoofer: 50Hz-250Hz, -24/10dB Low/High: 250Hz-6KHz, -24/10dB
Input Type	Balanced XLR and Unbalanced 1/4"
Input Impedance	100K Ω
Output Impedance	220 Ω
Frequency Response	20Hz-25KHz, +0/-1dB
Dimensions	482X170X44mm

CE 234

- TRS or XLR balanced input and output differential.
- Choice of Stereo or the sum of the synthesis of left and right channel subwoofer.
- The scope of the two-channel selection switches are x10.
- Two channels have 40Hz high pass filter (frequency cut end).
- All outputs with phase reverse switch.
- 24dB/oct Linkwitz-Riley filters (the professional standard).
- Stereo / Mono status indication LED lights, indicate the selected mode of operation.

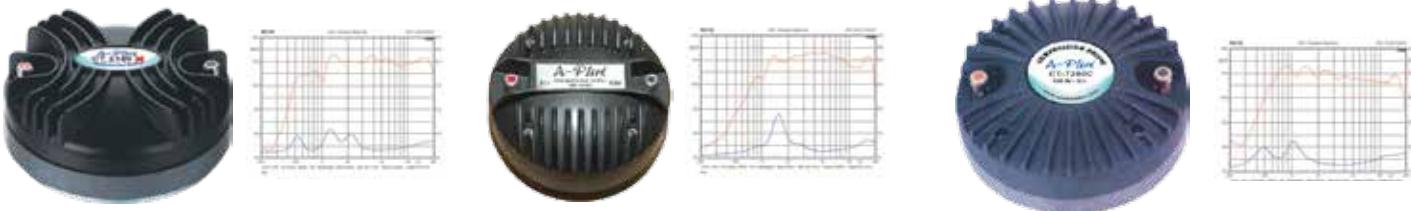
COMPRESSION DRIVERS



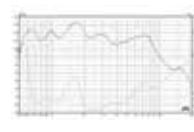
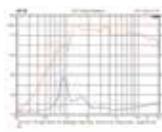
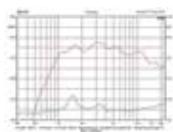
	CT 2425	NHP 4000	CT 2630
Material		Engineering Plastic	
Throat Diameter	1in (25mm)	–	1 in (25mm)
Mounting Type	Screw-on 1 3/8"	–	Screw-on 1 3/8"
Nominal Impedance	8Ω	8Ω	8Ω
Power Capacity	20Watts RMS (pink noise signal-12db/OCT)	20Watts RMS (pink noise signal-12db/OCT)	30Watts RMS (pink noise signal-12db/OCT)
Sensitivity(1W/1 M)	106 dB	106 dB	108 dB
Frequency Range	1.5KHz-18KHz	1.5KHz-18KHz	1.5KHz-20KHz
Diaphragm Material	Titanium or Phenolic	Phenolic	Titanium
Voice Coil Diameter	1in (25.4mm)	1in (25.4mm)	1in (25.4mm)
Voice Coil Material	Round Copper or Aluminium Wire	Round Copper or Aluminium Wire	Round Copper or Aluminium Wire
Flux Density	1.35T	1.35T	1.6T
Magnet	Neodymium N-38	Neodymium N-38	Strontium Ferrite



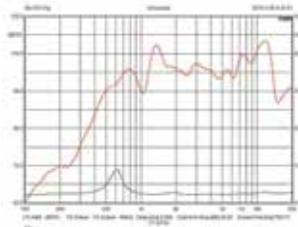
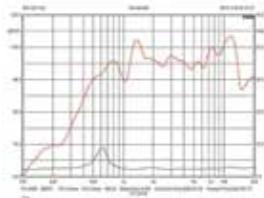
	CT 3430 X	CT 4440	CT 4465
Throat Diameter	1 in (25mm)	1 in (25mm)	1 in (25mm)
Mounting Type	Screw-on 1 3/8"	Screw-on 1 3/8" or Bolt-on	Screw-on 1 3/8" or Bolt-on
Nominal Impedance	8Ω	8Ω	8Ω
Power Capacity	30Watts RMS(pink noise signal-12db/OCT)	40Watts RMS(pink noise signal-12db/OCT)	65Watts RMS(pink noise signal-12db/OCT)
Sensitivity(1W/1 M)	106 dB	106 dB	107 dB
Frequency Range	1.2KHz-20KHz	1.2KHz-20KHz	1.2KHz-20KHz
Diaphragm Material	Titanium	Titanium	Titanium
Voice Coil Diameter	1.35 in(34.4mm)	1.75 in (44.4mm)	1.75 in(44.4mm)
Voice Coil Material	Round & Ribbon Aluminium Wire	Round Copper or Aluminium Wire	Round & Ribbon Aluminium Wire
Flux Density	1.45T	1.6T	1.75T
Magnet	Strontium Ferrite	Strontium Ferrite	Strontium Ferrite



	CT 5180	BP 4480/4480S	CT 7200C
Throat Diameter	1 in (25mm)	1.4 in (35mm) / 1 in (25mm)	2 in (50mm)
Mounting Type	Screw-on 1 3/8"	Bolt-on / Screw-on 1 3/8"	Bolt-on
Nominal Impedance	8Ω	8Ω	8Ω
Power Capacity	80Watts RMS (pink noise signal-12db/OCT)	80Watts RMS (pink noise signal-12db/OCT)	100Watts RMS (pink noise signal-12db/OCT)
Sensitivity(1W/1 M)	106 dB	112 dB	110 dB
Frequency Range	1.2KHz-20KHz	1.5KHz-18KHz	500Hz-18KHz
Diaphragm Material	Titanium	Polyimide Plastic	Titanium
Voice Coil Diameter	1.75 in (34.4mm)	1.75 in (44.4mm)	2.84 in (72.2mm)
Voice Coil Material	Round Copper or Aluminium Wire	Kapton	Round Copper or Aluminium Wire
Flux Density	1.45T	1.85T	1.8T
Magnet	Strontium Ferrite	Strontium Ferrite	Strontium Ferrite



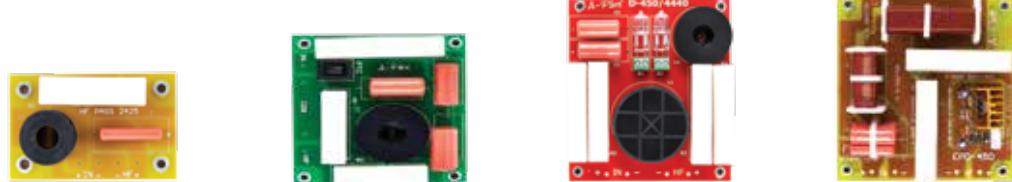
	N-38S	N-44	TM 1001
Throat Diameter	1.0 inch (25mm)	1.0 inch (25.4mm)	2.0 inch (50mm)
Mounting Type	Screw-on 1-3/8"	Screw-on 1-3/8"	Bolt-on
Nominal Impedance	8Ω	8Ω	8Ω
Power Capacity	30Watts	80Watts	160Watts
Sensitivity(1W/1 M)	107dB	108.5 dB	112 dB
Frequency Range	1.5KHz-20KHz	1.5KHz-18KHz	1kHz or higher
Diaphragm Material	PPS	Polymide	Titanium
Voice Coil Diameter	1.5in (38mm)	1.75 in (44.4mm)	3.9 in (99 mm)
Voice Coil Material	Ribbon Aluminium Wire	Ribbon Aluminium Wire	Ribbon Aluminium Wire
Flux Density	1.85T	1.85T	1.85T
Magnet	Neodymiun	Neodymiun	Ferrite



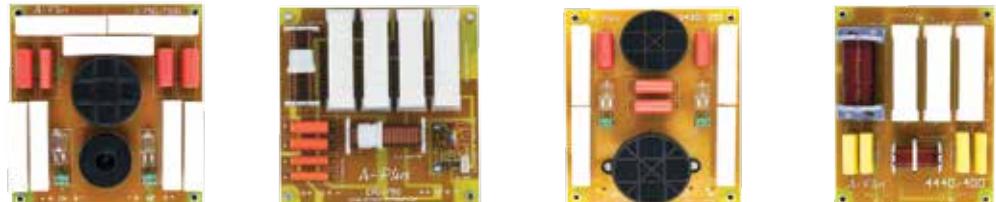
	TM 450 / 450S	TM 750	CA-9044	CA-9092
Throat Diameter	1.0 inch (25.4mm)	2.0 inch (50mm)	2.0 inch (50mm)	2.0 inch (50mm)
Mounting Type	Bolt-on / Screw-on	Bolt-on	Bolt-on	Bolt-on
Nominal Impedance	8Ω	8Ω	8Ω or 16Ω	2x16Ω
Power Capacity	80Watts	100Watts	150W (Mid Range), 80W (HF)	400Watts
Sensitivity(1W/1 M)	110 dB	112 dB	118 dB	123 dB
Frequency Range	1.5KHz-20KHz	1kHz or higher	300-22000Hz	200-9kHz
Diaphragm Material	Titanium	Titanium	Polyimide	Polyimide
Voice Coil Diameter	1.75 in (44.4mm)	2.95 in (75mm)	1.75 in (HF), 3.5 in (Mid)	3.5 in x 2
Voice Coil Material	Ribbon Aluminium Wire	Ribbon Aluminium Wire	Round Copper or Aluminium wire	Ribbon Aluminium Wire
Flux Density	1.85T	1.85T	1.90T (Mid), 1.95T (High)	-
Magnet	Strontium Ferrite	Strontium Ferrite	Neodymium	Neodymium



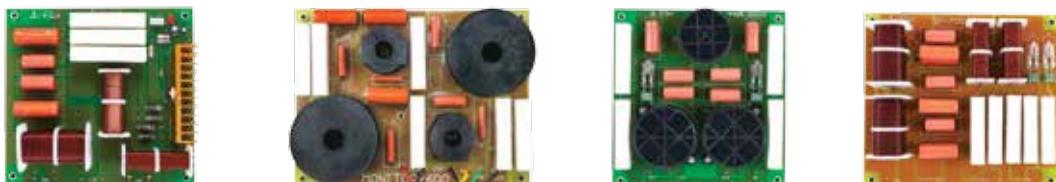
CROSSOVER NETWORK



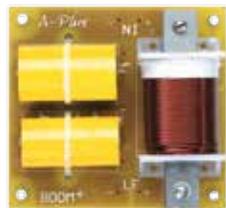
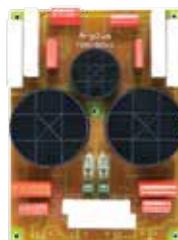
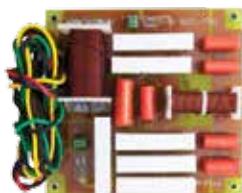
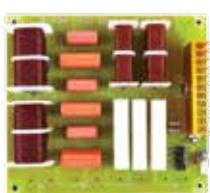
	NW 2425	NW PHT	NW D-450/4440	EPD-450
Recommended Drivers	H.F CT-2425, NHP4000	H.F CT-2630, CT-3430	H.F TM-450, BP-4480, CT-5180	H.F TM-450, BP-4480, CT-5180
Power	50W	100W	150W	150W
Impedance	8Ω	8Ω	8Ω	8Ω
Frequency	4500Hz	4000Hz	3000Hz	3000Hz



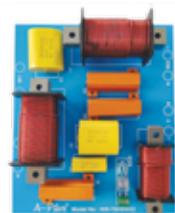
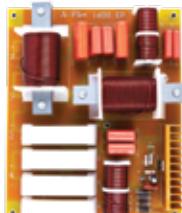
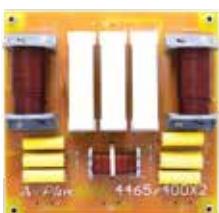
	NW D-750/7200	EPD-750	NW D-3430/300	NW4440/400
Application	H.F Drivers only	H.F Drivers only	2 Way X-Over for 12"/15" Speaker	2 Way X-Over for Singal LF & Singal HF
Recommended Drivers	H.F TM-750, TM-1001, CT-7200	H.F TM-750, TM-1001, CT-7200	H.F. CT-3430, CT-2630, L.F. Blue Legend, NI-15-300, E-15-300SLF, Legend 12-300	H.F.CT-4465,BP-4480, L.F. 15-400 SMB, C-15-400, Black Legend
Power	250W	250W	500W	500W
Impedance	8Ω	8Ω	4/8Ω	4/8Ω
Frequency	1800Hz	1800Hz	3000Hz	2500Hz



	NW 400-EP	Monitor-800	NW 4465/300x2	NW SP-700
Application	2 Way X-Over for 12"/15" Speaker	1 Tweeter & 1 Woofer	2 Way X-Over for Dual 12"/15" Speaker	2 Way X-Over for Dual 12"/15" Speaker
Recommended Drivers	H.F. CT-3430, CT-2630, L.F. Blue Legend, NI-15-300, E-15-300SLF, Legend 12-300	H.F. TM-750, CT-7200C, L.F. Terminator-15, MG-15-800, Legend-XLNC	H.F. CT-4440, CT-4465, L.F. Blue Legend, NI-15-300, E-15-300SLF, Legend 12-300	H.F. CT-4465, TM-450, L.F. TM-15-350, C-15-400, C-12-350
Power	500W	Tweeter 100W (Upto) Woofer 800 (Upto)	850W	850W
Impedance	4/8Ω	4/8Ω	4/8Ω	4/8Ω
Frequency	2500Hz	1700Hz	3000Hz	3000Hz
High Pass Slope		18dB / Octave		
Low Pass Slope		12dB / Octave		

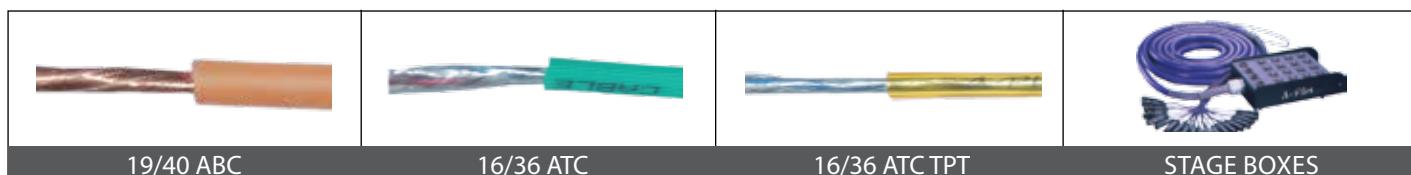


	NW 800-EP	NW 800/750	NW 7200/500x2	Boom +
Application	2 Way X-Over for Dual 12"/15" Speaker	2 Way X-Over for 12"/15" Speaker	2 Way X-Over for Dual 12"/15" Speaker	1 Way X-Over for Dual 18" Speaker
Recommended Drivers	H.F.CT-4465,TM-450 L.F.TM-15-350, C-15-400, C-12-350	H.F.TM-750, CT-7200C, L.F. Terminator-15, MG-15-800, Legend-XLNC	H.F.TM-750, CT-7200C L.F. Terminator-15, MG-15-800, Legend-XLNC	L.F.Terminator-18, 18X400, TM-18-1200, 18X401, MG-18-1500
Power	1000W	1000W	1200W	2000W
Impedance	4/8Ω	4/8Ω	4/8Ω	4/8Ω
Frequency	3000Hz	2500Hz	1800Hz	160Hz



	NW 4465/400x2	NW 1600-EP	NW SP-2000	NW 750/600x2
Application	2 Way X-Over for Dual 12"/15" Speaker	2 Way X-Over for Dual 12"/15" Speaker	2 Way X-Over for Dual 12"/15" Speaker	2 Way X-Over for Dual 12"/15" Speaker
Recommended Drivers	H.F.CT-4465,BP-4480, L.F. 15-400 SMB, C-15-400, Black Legend	H.F.TM-750, CT-7200C, TM-1001 L.F. MG-15-800, Legend-XLNC	H.F.TM-750, CT-7200C, TM-1001 L.F. MG-15-800, Legend-XLNC, LF-15-1000	H.F.TM-750, CT-7200C, TM-1001 L.F. MG-15-800, Legend-XLNC, LF-15-1000
Power	1000W	1600W	2000W	1200W
Impedance	4/8Ω	4/8Ω	4/8Ω	4/8Ω
Frequency	3000Hz	1500Hz	1500Hz	1500Hz

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