

Model	UL Listing	Transformer Taps	Power Handling	Sensitivity	Frequency Response	Optional "New Construction" Ring	Diameter	Depth	Cut Out Diameter
FAP42T	1480	70.7V: 1, 2, 4, 8, & 16 watts / 8 Ω Bypass	25 watts	88dB	75Hz – 20kHz (±5dB)	FAP42-TR	10½" (267 mm)	8¾" (225 mm)	9" (229mm)
FAP42T-B	1480	70.7V: 1, 2, 4, 8, & 16 watts / 8 Ω Bypass	25 watts	88dB	75Hz – 20kHz (±5dB)	FAP42-TR	10½" (267 mm)	8¾" (225 mm)	9" (229mm)
FAP42T-UL2043	1480 / 2043	70.7V: 1, 2, 4, 8, & 16 watts / 8 Ω Bypass	25 watts	88dB	75Hz – 20kHz (±5dB)	FAP42-TR	10½" (267 mm)	8¾" (225 mm)	9" (229mm)
FAP62T	1480	70.7V: 2, 4, 8, 16, & 32 watts 8 Ω Bypass	50 watts	88dB	63Hz – 20kHz (±5dB)	FAP62-TR	12½" (318mm)	8¾" (215mm)	11" (279mm)
FAP62T-2043	1480 / 2043	70.7V: 2, 4, 8, 16, & 32 watts 8 Ω Bypass	50 watts	88dB	63Hz – 20kHz (±5dB)	FAP62-TR	12½" (318mm)	8¾" (215mm)	11" (279mm)
Model	UL Listing	Transformer Taps	Power Handling	Sensitivity	Frequency Response	Woofers Size	Woofers Material	Matches Enclosure	
FA42T-6MB	1480	70.7V: 1, 2, 4, 8, & 16 watts	25 watts	88dB	75Hz – 20kHz (±5dB) (in FA97-6 Enc.)	4"	Poly Cone ButylRubber Surround	FA95-6, FA97-6	
FA62T-8MB	1480	70.7V: 2, 4, 8, 16, & 32 watts	50 watts	88dB	63Hz – 20kHz (±5dB) (in FA97-6 Enc.)	6"	Poly Cone ButylRubber Surround	FA95-8, FA97-8	
Model	UL Listing	Transformer Taps	Power Handling	Sensitivity	Frequency Response	Optional "New Construction" Ring	Diameter	Depth	Cut Out Diameter
FAP42TC	1480	70.7V: 1, 2, 4, 8, & 16 watts / 8 Ω Bypass	25 watts	88dB	75Hz – 20kHz (±7dB)	FAP42-TR	Diameter: 10½" (267mm)	4¾" (108mm)	9" (229mm)
FAP42TC-UL2043	1480	70.7V: 1, 2, 4, 8, & 16 watts / 8 Ω Bypass	25 watts	88dB	75Hz – 20kHz (±7dB)	FAP42-TR	10½" (267mm)	4¾" (108mm)	9" (229mm)
FAP40T	1480	70.7V: 1, 2, 4, 8, & 16 watts / 8 Ω Bypass	16 watts	87dB	80Hz – 15kHz (±5dB)	FA-TR4	7¾" (187mm)	7¾" (181mm)	
FAP82T	1480	70.7V: 1.9, 3.8, 7.5, 15, 30, & 60 watts / 8 Ω Bypass	70 watts	90dB	55Hz – 20kHz (±5dB)	FAP82-TR	15¾" (400mm)	12¾" (324mm)	14" (356mm)
FAP8CXT		70.7V: 1.9, 3.8, 7.5, 15, 30, & 60 watts / 8 Ω Bypass	150 watts	92dB	60Hz – 15kHz (±5dB)	FAP82-TR	15.75" (400mm)	12.75" (324mm)	14" (356mm)
FAPSUB	1480	70.7V: 1.9, 3.8, 7.5, 15, 30, & 60 watts / 8 Ω Bypass	100 watts	89dB	55Hz – 100Hz (±6dB)	FAP82-TR	14" (356mm)	12¾" (323mm)	13¾" (337mm)
Model	Transformer Taps	Power Handling	Sensitivity	Frequency Response	Height	Width	Depth		
SM42T	2, 4, 8, & 16 watts / 8 Ω Bypass	30 watts	88dB	115Hz – 16kHz (±5dB)	7" (17.78CM)	5" (12.7CM)	5½" (15.03 CM)		
SM52	N/A	100 watts	90dB	85Hz – 20kHz (±5dB)	10½" (25.8CM)	6¾" (17.5CM)	5¾" (14.85CM)		

Specifications

Model	Transformer Taps	Power Handling	Sensitivity	Frequency Response	Height	Width	Depth		
SM52T	.94, 1.9, 3.7, 7.5, 15, & 30 watts	100 watts	90dB	85Hz – 20kHz (±5dB)	10 $\frac{1}{8}$ " (25.8CM)	6 $\frac{1}{8}$ " (17.5CM)	5 $\frac{1}{8}$ " (14.85CM)		
SM82	N/A	150 watts	92dB	65Hz – 20kHz (±5dB)	16 $\frac{1}{2}$ " (41.9CM)	9 $\frac{1}{8}$ " (23.0CM)	8 $\frac{1}{8}$ " (21.49CM)		
SM82T	1.9, 3.8, 7.5, 15, 30, & 60 watts	150 watts	92dB	65Hz – 20kHz (±5dB)	16 $\frac{1}{2}$ " (41.9CM)	9 $\frac{1}{8}$ " (23.0CM)	8 $\frac{1}{8}$ " (21.49CM)		
SM8CXT	7.5, 15, 30, & 60 watts / 8 Ω Bypass	150 watts	92dB	60Hz – 15kHz (±3dB)	15.5" (394mm)	10.625" (270mm)	10.375" (264mm)		
SM12CXT	7.5, 15, 30, & 60 watts / 8 Ω Bypass	250 watts	99dB	55Hz – 15kHz (±3dB)	19" (483mm)	14.5" (368mm)	14.0625" (357mm)		
SM8SUB70	7.5, 15, 30, & 60 watts / 8 Ω Bypass	100 watts	89dB	55Hz – 100Hz (±6dB)	15 $\frac{1}{2}$ " (356mm)	10 $\frac{1}{8}$ " (270mm)	10 $\frac{1}{8}$ " (264mm)		
SM12SUB70					19" (483mm)	14.5" (368mm)	14.0625" (357mm)		
Model	Transformer Taps	Power Handling	Sensitivity	Frequency Response	Height	Diameter			
PM4FA	70.7V: 1, 2, 4, 8, & 16 watts / 8 Ω Bypass	25 watts	88dB	75Hz – 20kHz (±7dB)	13.87" (352mm)	9.25" (235mm)			
PM8FA	70.7V: 1, 2, 4, 8, & 16 watts / 8 Ω Bypass	25 watts	96dB	55Hz – 15kHz (±5dB)	16.62" (422mm)	12.25" (311mm)			
PM8GD	70.7V: 1.9, 3.8, 7.5, 15, 30, & 60 watts / 8 Ω Bypass	100 watts	90dB	55Hz – 20kHz (±5dB)	16.62" (422mm)	12.25" (311mm)			
PM8CXT	70.7V: 7.5, 15, 30, & 60 watts / 8 Ω Bypass	150 watts	92dB	48Hz – 18kHz (±10dB)	16.62" (422mm)	12.25" (311mm)			
Model	Transformer Taps	Power Handling	Sensitivity	Frequency Response	Height	Diameter			
ATS183GL	70.7V: 8, 16, & 32 watts	100 watts	83.5dB	43Hz – 20kHz (±7dB)	20.954" (532mm)	15.118" (384mm)			
ATS183GL8	N/A – 8 Ω	100 watts	83.5dB	43Hz – 20kHz (±7dB)	20.954" (532mm)	15.118" (384mm)			
ATS183GS	70.7V: 8, 16, & 32 watts	100 watts	83.5dB	43Hz – 20kHz (±7dB)	13.097" (333mm)	15.118" (384mm)			
ATS183GS8	N/A – 8 Ω	100 watts	83.5dB	43Hz – 20kHz (±7dB)	13.097" (333mm)	15.118" (384mm)			
Model	Transformer Taps	Power Handling	Sensitivity	Frequency Response	Height	Width	Depth		
ROCKFA62T-BR	4, 8, 16, & 32 watts / 8 Ω Bypass	50 watts	88dB	80Hz – 20kHz (±5dB)	10.5" (267mm)	12.5" (318mm)	9" (229mm)		
Model	Transformer Taps	Power Handling	Sensitivity	Frequency Response	Diameter	Depth			
8CXT60	7.5, 15, 30, & 60 watts	150 watts	92dB	65Hz – 15kHz (±3dB)	8" (203mm)	8" (203mm)			
12CX	N/A	250 watts	99dB	60Hz – 15kHz (±3dB)	12.875" (322mm)	8" (203mm)			
12CXT60	7.5, 15, 30, & 60 watts	250 watts	99dB	60Hz – 15kHz (±3dB)	12.875" (322mm)	8" (203mm)			
C12BT60	7.5, 15, 30, & 60 watts	100 watts	95dB	68Hz – 15kHz (±3dB)	12.875" (327mm)	4.1875" (106mm)			

Model	UL	Transformer Taps	Power Handling	Sensitivity	Frequency Response	Diameter	Depth		
FA114T72	1480	.5, 1, 2, & 4	10 watts	89.6dB	150Hz – 17kHz (±5dB)	5" (127mm)	3" (98.4mm)		
FA134T87	1480	1, 2, 4, & 8	15 watts	88dB	110Hz – 20kHz (±5dB)	5" (127mm)	4" (102mm)		
FA116T72	1480	.5, 1, 2, & 4	16 watts	89.6dB	90Hz – 20kHz (±5dB)	6½" (165.1mm)	4½" (114.3mm)		
FA136	1480	N/A	35 watts	88dB	80Hz – 20kHz (±5dB)	6⅝" (166.7mm)	3" (82.6mm)		
Model	UL	Transformer Taps	Power Handling	Sensitivity	Frequency Response	Diameter	Depth		
FA136T47	1480	.5, 1, 2, & 4	35 watts	88dB	80Hz – 20kHz (±5dB)	6⅝" (166.7mm)	5¼" (130.2mm)		
FA136T87	1480	1, 2, 4, & 8	35 watts	88dB	80Hz – 20kHz (±5dB)	6⅝" (166.7mm)	5¼" (133.4mm)		
FA138	1480	N/A	70 watts	89.5dB	75Hz – 20kHz (±5dB)	8¼" (209.6mm)	3" (91.4mm)		
Model	UL	Transformer Taps	Power Handling	Sensitivity	Frequency Response	Diameter	Depth		
FA138T87	1480	1, 2, 4, & 8	70 watts	89.5dB	75Hz – 20kHz (±5dB)	8¼" (209.6mm)	5½" (139.7mm)		
FA138T167	1480	4, 8, & 16	70 watts	89.5dB	75Hz – 20kHz (±5dB)	8¼" (209.6mm)	5¾" (146.1mm)		
FA138T327	1480	8, 16, & 32	70 watts	89.5dB	75Hz – 20kHz (±5dB)	8¼" (209.6mm)	5½" (139.7mm)		
Model	UL	Enclosure Diameter	Enclosure Depth	Flange Diameter	Internal Volume				
FA95-4FA95NK-4	1480 2043	5¼" (137mm)	6⅝" (156mm)	7⅞" (192mm)	.08 ft ³ (74.3CM ³)				
FA95-6FA95NK-6	1480 2043	7" (178mm)	6⅝" (156mm)	9" (238mm)	.14 ft ³ (130.1CM ³)				
FA95-8FA95NK-8	1480 2043	8½" (216mm)	6⅝" (156mm)	10⅞" (276mm)	.20 ft ³ (185.8CM ³)				
FA97-4FA97NK-4	1480 2043	5¼" (137mm)	7⅞" (194mm)	7⅞" (192mm)	.10 ft ³ (92.9CM ³)				
FA97-6FA97NK-6	1480 2043	7" (178mm)	7⅞" (194mm)	9" (238mm)	.17 ft ³ (157.9CM ³)				
FA97-8FA97NK-8	1480 2043	8½" (216mm)	7⅞" (194mm)	10⅞" (276mm)	.25 ft ³ (232.3CM ³)				
Model	UL	Diameter	Projects						
FA51-4	1480	7⅞" (216mm)	⅝" (8mm)						
FA51-6	1480	9" (245mm)	⅝" (8mm)						
FA51-8	1480	11¼" (283mm)	⅝" (8mm)						
FA720-4	1480	7⅞" (216mm)	⅝" (8mm)						
FA720-6	1480	9" (245mm)	⅝" (8mm)						
FA720-8	1480	11¼" (283mm)	⅝" (8mm)						
Model	UL	Diameter	Projects						
FA730-4	1480	7⅞" (216mm)	⅝" (8mm)						
FA730-6	1480	9" (245mm)	⅝" (8mm)						
FA730-8	1480	11¼" (283mm)	⅝" (8mm)						
Model	UL	Length/Width (Square)	Enclosure						
FA170-4	1480	9¼" (248mm)	⅝" (8mm)						
FA170-6	1480	10⅞" (257mm)	⅝" (8mm)						
FA170-8	1480	11¼" (286mm)	⅝" (8mm)						
Model	Speaker	Transformer	Enclosure	Baffle	Tile Bridge				
FAP136T87-720	FA136	HT87	FA97-6	FA720-6	FA81-6				

Model	Cut-Out Diameter	Length	Width	Depth					
FA81-4	6½" (163mm)	23¾" (600mm)	14¼" (359mm)	¼" (6mm)					
Model	Cut-Out Diameter	Length	Width	Depth					
FA81-6	8" (206mm)	23¾" (600mm)	14¼" (359mm)	¼" (6mm)					
FA81-8	9¾" (248mm)	23¾" (600mm)	14¼" (359mm)	¼" (6mm)					
Model	UL	Transformer Taps	Power Handling	Sensitivity	Frequency Response	Diameter	Depth		
FC104T	2043	.5, 1, 2, 4, & 8 watts	10 watts	94dB	150Hz – 17kHz	4" (102mm)	4" (102mm)		
FC104	2043	N/A – 8 Ω	10 watts	94dB	150Hz – 17kHz	4" (102mm)	2½" (57.2mm)		
C803A	1480	N/A – 8 Ω	16 watts	96dB	70Hz – 15.5kHz	8" (203.2mm)	2½" (73mm)		
C10A	1480	N/A – 8 Ω	25 watts	97dB	65Hz – 19kHz	8" (203.2mm)	2½" (73mm)		
Model	UL	Transformer Taps	Power Handling	Sensitivity	Frequency Response	Diameter	Depth		
SD72	1480 2043	70.7V: .25, .5, 1, 2, & 5	10 watts	97dB	55Hz – 8kHz (±5dB)	8" (203.2mm)			
GD87	1480 2043	70.7V: 1, 2, 4, & 8	16 watts	99dB	55Hz – 15kHz (±7dB)	8" (203.2mm)			
DLS4	1480 2043	70.7V: .25, .5, 1, 2, & 5	16 watts @ 8 Ω	92dB	150Hz – 17kHz (±5dB)	7¾" (197mm)	4¼" (108mm)		
Model	Baffle	Transformer	Mount Enclosures:	Mount Mounting Rings:	Mount T-Bar Bridge:				
FD25WHD25W	51-8	25V	96 Series Q408, BMT95-8(-7) CS95-8	75-8, 76-8E2, P77-8, P78-8	81-8(R)S				
			EZ95-8 EZ96 Series	–	–				
FD70WHD70W	51-8	70.7V	96 Series Q408, BMT95-8(-7) CS95-8	75-8, 76-8E2, P77-8, P78-8	81-8(R)S				
			EZ95-8 EZ96 Series	–	–				
FD72WFD72W	51-8	25V / 70.7V	96 Series Q408, BMT95-8(-7) CS95-8	75-8, 76-8E2, P77-8, P78-8	81-8(R)S				
			EZ95-8 EZ96 Series	–	–				
Model	Baffle	Transformer	Mount Enclosures:	Mount Mounting Rings:	Mount T-Bar Bridge:				
TFD72WCTH-D72WC	T62-8	25V / 70.7V	T95-8 Series, BMT95-8(-7)	T75-8(E1)(E2)	81-8S				
			EZ95-8	–	–				
FD25M222WH-D25M222W	M222W	25V	96 Series Q408, BMT95-8(-7) CS95-8	75-8, 76-8E2, P77-8, P78-8	81-8(R)S				
			EZ95-8 EZ96 Series	–	–				
FD72M222WH-D72M222W	M222W	25V / 70.7V	96 Series Q408, BMT95-8(-7) CS95-8	75-8, 76-8E2, P77-8, P78-8	81-8(R)S				
			EZ95-8 EZ96 Series	–	–				

Model	Baffle	Transformer	Transformer Taps	Dispersion	Compatible Enclosures	Compatible Mounting Rings			
D161-8	161-8	Dual Voltage 25V / 70.7V	.5, 1, 2, & 4 watts	105°	198 Series, SE175-4	72-8(E1) 81-8(S)			
G161-8	161-8	Dual Voltage 25V / 70.7V	.5, 1, 2, & 4 watts	105°	198 Series, SE175-4	72-8(E1) 81-8(S)			
Model	Transformer Taps	Power Handling	Sensitivity	Frequency Response	Diameter	Depth			
L20-400-7	.5, 1, 2, & 5 watts	9 watts	91dB	100Hz – 10kHz (±1.5dB)	8" (203.2mm)	2 7/8" (73mm)			
	UL	Transformer Taps	Power Handling	Sensitivity	Frequency Response	Height	Width	Length	
DT12	1480	.25, .5, 1, 2, & 4 watts / 8 Ω Bypass	25 watts	97dB	85Hz – 8kHz (±5dB)	4 1/2" (114mm)	12 1/4" (327mm)	23 3/8" (606mm)	
	Speaker	Transformer	Baffle	Enclosure or Mounting Ring (Order Separately)					
B51-4	FC104 – 4" (127mm) High Compliance	25V / 70.7V	51-4	(EZ)96-4, (EZ)96-4X, 81-4					
B161-4	FC104 – 4" (127mm) High Compliance	25V / 70.7V	T161-4	198-4, SE198-4					
EZB161-4	FC104 – 4" (127mm) High Compliance	25V / 70.7V	T161-4	Not Required					
BT720-4	FC104 – 4" (127mm) High Compliance	25V / 70.7V	T720-4	(EZ)E410/ PR411/ BMT95-4(7)					
BT720-4-T47	FC104 – 4" (127mm) High Compliance	70.7V	T720-4	(EZ)E410/ PR411/ BMT95-4(7)					
Model	Primary Volts	Frequency Response	Primary Taps (Watts)	Secondary Impedance (Ω)	Insertion Loss	Primary Term	Secondary Term	Core Size	Power Rating (Watts)
AF140	—	30Hz – 15kHz ±1dB	Auto Transformer		.3dB	6" (152mm) Color Coded		1 3/8" x 3/8" (35mm x 35mm)	150 watts
HT42	25V	60Hz – 12kHz ±1dB	.5, 1, 2, & 4 watts	8 Ω	1.0dB	6" (152mm) Color Coded	6" (152mm) Color Coded	3/8" x 3/8" (16mm x 16mm)	4 watts
HT47	70.7V	60Hz – 12kHz ±1dB	.5, 1, 2, & 4 watts	8 Ω	1.0dB	6" (152mm) Color Coded	6" (152mm) Color Coded	3/8" x 3/8" (16mm x 16mm)	4 watts
HT87	70.7V	30Hz – 15kHz ±1dB	1, 2, 4, & 8 watts	4 Ω & 8 Ω	.6dB	6" (152mm) Color Coded	6" (152mm) Color Coded	3/4" x 3/4" (19mm x 19mm)	8 watts
HT167	70.7V	30Hz – 15kHz ±1dB	4, 8, & 16 watts	4 Ω & 8 Ω	.6dB	6" (152mm) Color Coded	6" (152mm) Color Coded	1" x 1" (25mm x 25mm)	16 watts
HT327	70.7V	30Hz – 15kHz ±1dB	8, 16, & 32 watts	4 Ω & 8 Ω	.6dB	6" (152mm) Color Coded	6" (152mm) Color Coded	1 1/4" x 1 1/4" (25mm x 25mm)	32 watts
T18	70.7V	60Hz – 20kHz ±1dB	2.5, 5, 10, 20, 40, & 60 watts	4 Ω, 8 Ω, & 16 Ω	.5dB	Solder Lugs	Solder Lugs	7/8" x 7/8" (16mm x 16mm)	60 watts
LT70	70.7V	100Hz – 10kHz ±1.5dB	.5, 1, 2, & 5 watts	8 Ω	1.5dB	6" (152mm) Color Coded	3" (76mm) Self Leads	1/2" x 3/8" (13mm x 16mm)	5 watts
LT72	25V / 70.7V	100Hz – 10kHz ±1.5dB	.5, 1, 2, & 4 watts	8 Ω	1.5dB	6" (152mm) Color Coded	Common Lead + Terminals	1/2" x 3/8" (13mm x 16mm)	4 watts

	Transformer Taps	Power Handling	Sensitivity	Dispersion	Frequency Response	Dimensions			
VP14MB	.5, 1, 2, & 4 watts	25 watts	97dB	105°	50Hz - 15kHz (±5dB)	Square: 11 ¹ / ₁₆ " (290.5mm) 3 ³ / ₁₆ " (82.6mm)			
	Height	Width	Depth	Internal Volume					
VP14ENC	11 ¹ / ₁₆ " (290.5mm)	11 ¹ / ₄ " (298.5mm)	5 ⁵ / ₁₆ " (134.9mm)	.10 ft ³ (92.9CM ³)					
	Baffle / Enclosure	Dispersion	Transformer Taps	Height	Width	Depth - Top	Depth - Bottom	Trans-former	Volume Control (50 Ω Pot)
WD417-25	417-8WD	105°	.5, 1, 2, & 4 watts	10.5" (267mm)	9.5" (242mm)	5.5" (140mm)	3.75" (95mm)	25V	NO
WD417-72	417-8WD	105°	.25, .5, 1, 2, & 4 watts	10.5" (267mm)	9.5" (242mm)	5.5" (140mm)	3.75" (95mm)	25V / 70.7V	NO
WD417-72V	417-8WD	105°	.25, .5, 1, 2, & 4 watts	10.5" (267mm)	9.5" (242mm)	5.5" (140mm)	3.75" (95mm)	25V / 70.7V	YES
	UL	Transformer Taps	Power Handling	Sensitivity	Dispersion	Frequency Response	Width / Length	Depth	
SBMS	1480 2043	.25, .5, 1, 2, & 4 watts	25 watts	92dB	105°	85Hz - 20kHz (±5dB)	11 ¹ / ₂ " (292.1mm)	5 ¹ / ₂ " (139.7mm)	
	Woofers	Tweeter	Frequency Response (±3dB)	Power RMS	Sensitivity @2.83V / 1M	Cut-out Size	Const-ruction Kits		
HT8253W	8" Glass Fiber	20mm Cloth Pivoting	40Hz - 20kHz	125 watts	88dB	10 ¹ / ₂ " x 16 ¹ / ₄ "	RIK11W		
HT625W	6 ¹ / ₂ " Glass Fiber	30mm Cloth Pivoting	45Hz - 20kHz	60 watts	86dB	8 ¹ / ₂ " x 12 ¹ / ₄ "	HP8WA/ RIK8W		
HT825W	8" Glass Fiber	30mm Cloth Pivoting	40Hz - 20kHz	80 watts	87dB	10 ¹ / ₂ " x 14 ¹ / ₄ "	RIK10W		
CD520W	5 ¹ / ₄ " Poly	20mm Cloth Pivoting	50Hz - 20kHz	50 watts	83.8dB	6 ¹ / ₂ " x 9 ¹ / ₁₆ "	RIK5W + HP5W		
CD620W	6 ¹ / ₂ " Poly	20mm Cloth Pivoting	55Hz - 20kHz	60 watts	85.2dB	7 ¹ / ₁₆ " x 10 ¹ / ₁₆ "	HP6WA/ RIK6W		
HT2625W	Two 6 ¹ / ₂ " Glass Fiber	30mm Cloth Pivoting	45Hz - 20kHz	100 watts	89dB	14 ³ / ₈ " x 8 ¹ / ₂ "	RIK26W		
HS28W	Two 8" Glass Fiber	-	30Hz - 100Hz	200 watts	90dB	10 ¹ / ₂ " x 18 ¹ / ₂ "	RIK28W		
	Woofers	Tweeter	Frequency Response (±3dB)	Power RMS	Sensitivity @2.83V / 1M	Cut-out Size	Const-ruction Kits		
CD520C	5 ¹ / ₄ " Poly	20mm Cloth Pivoting	55Hz - 20kHz	50 watts	85.1dB	6 ¹ / ₁₆ " Diameter	HP5CA/RIK5C		
CD620C	6 ¹ / ₂ " Poly	20mm Cloth Dome	58Hz - 20kHz	60 watts	85.9dB	7 ¹ / ₁₆ " Diameter	HP6CA/RIK6C		
CD820C	8" Poly	20mm Cloth Pivoting	35Hz - 20kHz	75 watts	85.4dB	9 ¹ / ₁₆ " Diameter	HP8CA/RIK8C		
	Woofers	Tweeter	Frequency Response (±3dB)	Power RMS	Sensitivity	Height	Width	Depth	
MPP4200-W	4" Glass Fiber	30mm Teteron Dome	105Hz - 20kHz	100 watts	88dB	25" (635mm)	5 ¹ / ₄ " (133mm)	3 ³ / ₄ " (95mm)	
MPP4200-B	4" Glass Fiber	30mm Teteron Dome	105Hz - 20kHz	100 watts	88dB	25" (635mm)	5 ¹ / ₄ " (133mm)	3 ³ / ₄ " (95mm)	
MPP4200-S	4" Glass Fiber	30mm Teteron Dome	105Hz - 20kHz	100 watts	88dB	25" (635mm)	5 ¹ / ₄ " (133mm)	3 ³ / ₄ " (95mm)	
	Woofers Size	Amp Power	Frequency Response (±3dB)	Tuning	Input	Sub Sonic Filter	Height	Width	Depth
SW1010	10"	100 watts	33Hz - 120Hz	Passive Radiator	Speaker Level / Unbalanced Stereo Summing RCA Line	18dB @ 30Hz	17 ¹ / ₂ "	14"	17 ¹ / ₂ "

	Woofers Size	Amp Power	Frequency Response (±3dB)	Tuning	Input	Sub Sonic Filter	Height	Width	Depth
SW1212	12"	150 watts	27Hz – 120Hz	Passive Radiator	Speaker Level / Unbalanced Stereo Summing RCA Line	18dB @ 25Hz	17 1/4"	15"	19"
SW1515	15"	250 watts	27Hz – 120Hz	Passive Radiator	Speaker Level / Unbalanced Stereo Summing RCA Line	18dB @ 25Hz	17 1/4"	15"	19"
	Woofers	Tweeter	Frequency Response (±3dB)	Power Rating	Sensitivity	Cut-out Size			
ADZIW	5 1/4"	1/2" Balanced Dome	53Hz – 20kHz	45 watts	84dB	9 5/8" x 7 1/2"			
ADZIC	6 1/2"	1/2" Balanced Dome	50Hz – 20kHz	35 watts	85dB	7 1/16" diameter			
TP212									
TP2									
TP2									
	Power Rating	Nominal Freq.	Rated Power / 1 M	Sensitivity 1W / 1M	Dispersion	Impedance	Width	Height	Depth
APX40TN	40 watts	400Hz – 7.5kHz	120dB	107dB 500Hz – 5.5kHz ±5dB	60° x 40°	25V: .63, 1.25, 2.5, 3.75, 5, 10, 20, 40; 70.7V: 2.5, 10, 20, 30, 40; 100V: 5, 10, 20, 40	14 1/2" (368mm)	10 1/4" (260mm)	13 1/4" (337mm)
	Power Handling	Impedance	Sensitivity	Frequency Response	Dispersion	Width	Height	Depth	
AH5040S	250 watts	8 Ω nominal 5.6 Ω @ 9kHz minimum	104dB	75Hz – 14.5kHz	50° Horizontal x 40° Vertical	20.5" (521mm)	20.5" (521mm)	32" (813mm)	
AH6565S	250 watts	8 Ω nominal 5.6 Ω @ 9kHz minimum	102dB	75Hz – 14.5kHz	65° Horizontal x 65° Vertical	20.5" (521mm)	20.5" (521mm)	32" (813mm)	
AH9040S	250 watts	8 Ω nominal 5.6 Ω @ 9kHz minimum	102.5dB	75Hz – 14.5kHz	90° Horizontal x 40° Vertical	22.5" (572mm)	30" (762mm)	31" (787mm)	
	Power Handling	Impedance	Sensitivity	Frequency Response	Dispersion	Width	Height	Depth	
AH99-12ST	200 watts	7.5, 15, 30, & 60 watts	103dB	80Hz – 10kHz	90° Horizontal x 90° Vertical	25.65" (652mm)	22.06" (560mm)	21.25" (540mm)	
AH94-12ST	250 watts	7.5, 15, 30, & 60 watts	103dB	80Hz – 10kHz	90° Horizontal x 40° Vertical	25.65" (652mm)	22.06" (560mm)	21.25" (540mm)	
AH66-12ST	250 watts	7.5, 15, 30, & 60 watts	102dB	80Hz – 10kHz	65° Horizontal x 65° Vertical	23.86" (606mm)	21.41" (544mm)	21.25" (540mm)	
AH99-8ST	100 watts	7.5, 15, 30, & 60 watts	101dB	90Hz – 10kHz	90° Horizontal x 90° Vertical	23.86" (606mm)	21.41" (544mm)	21.25" (540mm)	
AH94-8ST	100 watts	7.5, 15, 30, & 60 watts	101dB	90Hz – 10kHz	90° Horizontal x 40° Vertical	21.83" (554mm)	19.66" (499mm)	18.41" (468mm)	
AH66-8ST	100 watts	7.5, 15, 30, & 60 watts	100dB	90Hz – 10kHz	65° Horizontal x 65° Vertical	20.91" (531mm)	17.91" (455mm)	19.66" (499mm)	
Description									
AH-PM-BAND-20S	20" SS Strap for 2" to 6" Diameter Pole								
AH-PM-BAND-30	30" SS Strap for 7" to 9" Diameter Pole								
AH-PM-BAND-60	60 SS Strap for 10" to 19" Diameter Pole								
AH-PM-BAND-90	90 SS Strap for 20" to 28" Diameter Pole								
AH-PM-DA-24	Pole Mount Dual Adapter 24" SS								

Specifications

Description								
AH-PM-DA-36		Pole Mount Dual Adapter 36" SS						
AH-PM-DA-48		Pole Mount Dual Adapter 48" SS						
AH-PM-MOUNT-6DOWN		Adapter Bracket SS for 2" to 6" Diameter Pole						
AH-PM-MOUNT-6UP		Adapter Bracket SS for 6" + Diameter Pole						
AH-PM-SAFETY-6DOWN		Safety Pole Anchor Bracket						
AH-CC-096-S		Adjustable Safety Cable 96"						
AH-PM-SA-12		Pole Mount Support Arm 12" SS						
AH-PM-SA-18		Pole Mount Support Arm 18" SS						
UL	Power Rating	Nominal Frequency	Rated Power / 1 M	Sensitivity	Dispersion	Impedance	Dimensions	
AP-15	1480	15 watts	400Hz – 14kHz	116dB 500Hz – 6kHz±5dB	106dB 500Hz – 6kHz±5dB	70°	8Ω	Height: 8¼" Width: 7⅞" Depth: 9⅞"
AP-15T(C)	1480	15 watts	400Hz – 14kHz	116dB 500Hz – 6kHz±5dB	106dB 500Hz – 6kHz±5dB	70°	25V: .48, .94, 1.8, 7.5, 15; 70.7V: 1, 2, 3.8, 7.5, 15, 100V: 2, 4, 7.7, 15, X	Height: 8¼" Width: 7⅞" Depth: 9⅞"
APF-15	1480	15 watts	600Hz – 14kHz	114dB 700Hz – 5.5kHz ±5dB	104dB 700Hz – 5.5kHz ±5dB	95°	8Ω	7" Diameter x 3⅞" Height 7" Diameter x 5⅞" Height
APF-15T	1480	15 watts	600Hz – 14kHz	114dB 700Hz – 5.5kHz ±5dB	104dB 700Hz – 5.5kHz ±5dB	95°	25V: .48, .94, 1.8, 7.5, 15; 70.7V: 1, 2, 3.8, 7.5, 15, 100V: 2, 4, 7.7, 15, X	7" Diameter x 3⅞" Height 7" Diameter x 5⅞" Height
AP-30		30 watts	300Hz – 12kHz	121dB 500Hz – 4.5kHz ±5dB	108dB 500Hz – 4.5kHz ±5dB	60°	8Ω	Height: 10" Width: 10" Depth: 10½"
AP-30T(C)		30 watts	300Hz – 12kHz	121dB 500Hz – 4.5kHz ±5dB	108dB 500Hz – 4.5kHz ±5dB	60°	25V: 0.9, 1.8, 3.7, 7.5, 15; 70.7V: 2, 3.8, 7.5, 15, 30; 100V: 4, 1.7, 15, 30, X	Height: 10" Width: 10" Depth: 10½"
APC-30T		30 watts	300Hz – 12kHz	119dB 400Hz – 3kHz±5dB	109dB 400Hz – 3kHz±5dB	70° x 95°	25V: 0.9, 1.8, 3.7, 7.5, 15; 70.7V: 2, 3.8, 7.5, 15, 30; 100V: 4, 1.7, 15, 30, X	Height: 8¼" Width: 14¼" Depth: 12¼"
UL	Power Rating	Nominal Frequency	Rated Power / 1 M	Sensitivity	Dispersion	Impedance	Dimensions	
APR-30AT		30 watts	300Hz – 12kHz	120dB 500Hz – 4kHz±5dB	110dB 500Hz – 4kHz±5dB	40°	25V: 0.9, 1.8, 3.7, 7.5, 15; 70.7V: 2, 3.8, 7.5, 15, 30; 100V: 4, 1.7, 15, 30, X V	Height: 10½" Diameter: 9¼"
APT-34AT		30 watts	400Hz – 12.5kHz	112dB 450Hz – 12.5kHz ±5dB	101dB 450Hz – 12.5kHz ±5dB	175°	25V: 0.9, 1.8, 3.7, 7.5, 15; 70.7V: 2, 3.8, 7.5, 15, 30; 100V: 4, 1.7, 15, 30, X	Length: 16½" Diameter: 9¼"

	Power Rating	Transformer Taps	Nominal Frequency	Rated Power @ 1 M	Sensitivity 1 W / 1 M	Dispersion (-6dB, 2kHz Octave Band)	Diameter	Depth		
WR-5AT	7.5 watts	.65, 1.25, 2.5, 5.0, & 7.5 watts	375Hz – 10kHz	105dB	97dB 400Hz – 7.8kHz ±5dB	95°	6"	4"		
	Power Rating	Nominal Frequency	Rated Power @ 1 M	Sensitivity 1 W / 1 M	Dispersion	Impedance	Diameter	Depth		
GA-15T	15 watts	400Hz – 6kHz	112dB	103dB 500Hz – 3kHz ±5dB	80°	25V: 0.5, 1, 2, 4, 8; 70.7V: 1, 2, 4, 8, 15	7½"	9½"		
GA-30T	30 watts	350Hz – 7.5kHz	118dB	106dB 500Hz – 3kHz ±5dB	60°	25V: 1, 2, 4, 8, 15; 70.7V: 2, 4, 8, 15, 30	10"	12"		
SC-15	15 watts	600Hz – 6kHz	114dB	103dB 600Hz – 6kHz ±5dB	95°	8 Ω	6¼"	6¼"		
RCMR-15	15 watts	350Hz – 13kHz	106dB	105dB 700Hz – 5.8kHz ±5dB	120°	8 Ω	7½"	7½"		
	Power Rating	Nominal Frequency	Rated Power @ 1 M	Sensitivity 1 W / 1 M	Dispersion	Impedance	Height	Width	Depth	
MO-2	25 watts	4kHz – 15kHz	106dB	105dB 550Hz – 13.5kHz ±5dB	85°	8 Ω	8"	6½"	4½"	
AP-15TUC(C)	15 watts	400Hz – 4kHz	116dB	106dB 500Hz – 6kHz ±5dB	70°	25V: .48, .94, 1.8, 7.5, 15; 70.7V: 1, 2, 3.8, 7.5, 15	8¾"	7¾"	9¾"	
AP-15TUCR	15 watts	400Hz – 4kHz	116dB	106dB 500Hz – 6kHz ±5dB	70°	25V: .48, .94, 1.8, 7.5, 15; 70.7V: 1, 2, 3.8, 7.5, 15	8¾"	7¾"	9¾"	
	Power Rating	Nominal Frequency	Rated Power @ 1 M	Sensitivity 1 W / 1 M	Dispersion	Impedance	Diameter	Depth		
APF-15TU(C)	15 watts	400Hz – 4kHz	114dB	104dB 700Hz – 5.5kHz ±5dB	95°		7"	5½"		
	Dispersion	Low End Cutoff	Bell Size	Length	With PD-30T	With PD-VH / PD-SVT	With PD-60 / PD-60T			
BIA-100	130 x 60	180Hz	Height: 10¼" Width: 21" Depth: 10¼"	19¼"	125dB	126dB	128dB			
CJ-46	120 x 60	115Hz	22" x 12"	17"	125dB	128dB	129dB			
DR-32	95	190Hz	Diameter: 16½"	12½"	124dB	124dB	130dB			
	Dispersion	Low End Cutoff	Bell Size	Length	With PD-30T	With PD-VH / PD-SVT	With PD-60 / PD-60T			
DR-42	85	140Hz	Diameter: 20"	16"	125dB	125dB	131dB			
DR-54	75	115Hz	Diameter: 26"	19"	125dB	127dB	132dB			
DR-72	65	85Hz	Diameter: 31"	28"	127dB	129dB	135dB			
Horizontal Beamwidth					Vertical Beamwidth					
CD42	40°, ±10°, 800Hz – 10kHz					20°, ±10°, 2kHz – 10kHz				
CD64	60°, ±10°, 600Hz – 6kHz					40°, ±10°, 1000Hz – 7kHz				
CD94	90°, ±10°, 900Hz – 6kHz					40°, ±10°, 1000Hz – 10kHz				
	Power Rating	Plane Wave Frequency Response	Low Freq. Limit @ Full Power	Sound Level (±5dB)	Impedance					
PD-30	30 watts	300Hz – 3.9kHz ±5dB	500Hz	113.6 (avg) 300Hz – 3.9kHz	8 Ω (Nom.)					
PD-30-16	30 watts	300Hz – 3.9kHz ±5dB	500Hz	113.6 (avg) 300Hz – 3.9kHz	16 Ω (Nom.)					
PD-30T	30 watts	300Hz – 3.9kHz ±5dB	500Hz	113.6 (avg) 300Hz – 3.9kHz	70.7V: 1.8, 3.7, 7.5, 15, & 30					

Specifications

	Power Rating	Plane Wave Frequency Response	Low Freq. Limit @ Full Power	Sound Level (±5dB)	Impedance				
PD-5VH	40 watts	110Hz – 4.1kHz ±5dB	250Hz	110.7 (avg) 110Hz – 4.1kHz	16 Ω (Nom.)				
PD-5VT	40 watts	190Hz – 4.2kHz ±5dB	300Hz	111.2 (avg) 190Hz – 4.2kHz	70.7V: 2.5, 5, 10, 20, & 40				
PD60T	60 watts	300Hz – 3.7kHz ±5dB	300Hz	112.7 (avg) 100Hz – 3.7kHz	16 Ω (Nom.)				
PD60AT	60 watts	300Hz – 3.7kHz ±5dB	300Hz	112.7 (avg) 100Hz – 3.7kHz	70.7V: 2.5, 5, 10, 20, 40, & 60				
Model Combination									
Driver	Horn	UL	Power Rating	Frequency Response	Sound Level	Sensitivity	Disper-sion	Imped-ance	Internal Transformer
HLE-3(T)	HLE/MLE-30	913, 1604, 2279	60 watts Continuous	250Hz – 12kHz	108dB	-18dBm	120° x 60°	16 Ω	60 watts (Model T-18)
MLE-1(T)	HLE/MLE-30	913, 1604, 2279	30 watts Continuous	300Hz – 14kHz	107dB	-21dBm	120° x 60°	8 Ω	30 watts (Model T-20)
MLE-3(T)	HLE/MLE-30	913, 1604, 2279	30 watts Continuous	300Hz – 14kHz	106dB	-21dBm	120° x 60°	8 Ω	30 watts (Model T-20)
HLE-1(T)	HLE/MLE-32	913, 1604, 2279	60 watts Continuous	190Hz – 12kHz	112dB	-18dBm	95°	16 Ω	60 watts (Model T-18)
HLE-3(T)	HLE/MLE-32	913, 1604, 2279	60 watts Continuous	190Hz – 12kHz	111dB	-18dBm	95°	16 Ω	60 watts (Model T-18)
MLE-1(T)	HLE/MLE-32	913, 1604, 2279	30 watts Continuous	200Hz – 10kHz	110dB	-20dBm	95°	8 Ω	30 watts (Model T-20)
MLE-3(T)	HLE/MLE-32	913, 1604, 2279	30 watts Continuous	200Hz – 10kHz	110dB	-20dBm	95°	8 Ω	30 watts (Model T-20)
Underwriters' Laboratory Listings									
Class	Group	For Atmosphere Containing							
HLE-1, MLE-1	Class 1	Group C & D	Gas Atmospheres (Including Ethyl, Ether, Gasoline Naptha, Alcohols, Butane, Propane)						
HLE-3, MLE-3	Class 1	Group B, C, D	Gas Atmospheres (Including Ethyl, Ether, Gasoline Naptha, Alcohols, Butane, Propane), plus Hydrogen, Gas and Vapor, (Manufactured Gas)						
Mounts									
BX-1A	APC-30T								
BX-2A	AP-15, AP-15T								
BX-3A	APF-15, APF-15T								
UL	Speaker	Diameter	Projects	Enclosure	Mounting Rings / Tile Bridges				
51-4	1480 2043	4" (102mm)	7/8" (187mm)	¼" (6mm)	(EZ)96-4 Series (EZ)96-4x Series	81-4			
T51-4		4" (102mm)	7/8" (187mm)	¼" (6mm)	(EZ)E410 Series	PR411			
T51-84		4" (102mm)	8½" (216mm)	⅜" (5mm)	BMT95-4(-7)	—			
51-8	1480 2043	8" (203mm)	12¼" (324mm)	¼" (6mm)	(EZ)95-8 Series, T95-8 Series, (EZ)96-8 Series, BMT95-8(7), Q408, CS95-8(NS)	75-8, 76-8E2, P77-8, P78-8, 81-8(S), 81-8R, EQ81			
UL	Speaker	Diameter	Projects	Enclosure	Mounting Rings / Tile Bridges				
T51-8	1480 2043	8" (203mm)	12¼" (324mm)	¼" (6mm)	T95-8(NS)(NK), BMT95-8(-7) EZ95-8	T75-8(E1)(E2) 81-8S			
60-8A(W)	1480 2043	8" (203mm)	12¼" (324mm)	¼" (6mm)	(EZ)96-8 Series, T95-8 Series, (EZ)96-8 Series, Q408, CS95-8, BMT95-8(7)	75-8, 76-8E2, P77-8, P78-8, 81-8R(S), EQ81			
61-8W	1480 2043	8" (203mm)	12¼" (324mm)	¼" (6mm)	(EZ)96-8 Series, T95-8 Series, (EZ)96-8 Series, Q408, CS95-8(NS), BMT95-8(7)	75-8, 76-8E2, P77-8, P78-8, 81-8R(S), EQ81			

	UL	Speaker	Diameter	Projects	Enclosure	Mounting Rings / Tile Bridges		
T61-8W	1480 2043	8" (203mm)	12 $\frac{1}{4}$ " (324mm)	$\frac{1}{4}$ " (6mm)	EZ95-8 Series, T95-8(NS)(NK), BMT95-8(7)	T75-8(E1)(E2), 81-8S		
61-12W		12" (305mm)	17 $\frac{1}{4}$ " (438mm)	$\frac{1}{4}$ " (6mm)	95-12, 95-12-12	—		
62-8	1480 2043	8" (203mm)	12 $\frac{1}{4}$ " (324mm)	$\frac{1}{4}$ " (6mm)	(EZ)96-8 Series, T95-8 Series, (EZ)96-8 Series, Q408, CS95-8, BMT95-8(7)	75-8, 76-8E2, P77-8, P78-8, 81-8R(S), EQ81		
T62-8		8" (203mm)	12 $\frac{1}{4}$ " (324mm)	$\frac{1}{4}$ " (6mm)	EZ95-8 Series, T95-8, BMT95-8(7)	T75-8(E1)(E2), 81-8S		
	UL	Speaker	Diameter	Projects	Enclosure	Mounting Rings / Tile Bridges		
P900		8" (203mm)	12 $\frac{1}{4}$ " (324mm)	$\frac{3}{8}$ " (10mm)	(EZ)95-8 Series, T95-8 Series, (EZ)96-8 Series, BMT95-8(-7), Q408, CS95-8	75-8(E2), P77-8, P78-8, 81-8R(S), EQ81		
M222W	1480 2043	8" (203mm)	12 $\frac{1}{4}$ " (324mm)	$\frac{3}{8}$ " (10mm)	(EZ)95-8 Series, T95-8 Series, (EZ)96-8 Series, BMT95-8(-7), Q408, CS95-8	75-8(E2), 76-8E2, P77-8, P78-8, 81-8R(S), EQ81		
T720-4		4" (102mm)	7 $\frac{7}{8}$ " (187mm)	$\frac{5}{16}$ " (14mm)	410-4	PR411		
T720-4BT		4" (102mm)	8 $\frac{1}{2}$ " (216mm)	$\frac{5}{16}$ " (14mm)	410-4, BMT95-8(7)	PR411		
T720-8A		8" (203mm)	12" (305mm)	$\frac{5}{16}$ " (14mm)	T95-8 Series, EZ95-8, BMT95-8(-7)	T75-8(E1)(E2), 81-8S		
T730-4B		4" (102mm)	7 $\frac{7}{8}$ " (187mm)	$\frac{1}{8}$ " (3mm)	BMT95-4(-7) PR-411			
T730-4W		4" (102mm)	7 $\frac{7}{8}$ " (187mm)	$\frac{1}{8}$ " (3mm)	BMT95-4(-7) PR-411			
	UL	Speaker	Diameter	Projects	Enclosure	Mounting Rings / Tile Bridges		
T730-8B		8"						
161-4	1480 2043	4" (102mm)	7" Square (178mm)	$\frac{3}{16}$ " (4mm)	198-4, SE198-4	—		
161-8	1480 2043	8" (203mm)	11 $\frac{1}{2}$ " Square (292mm)	$\frac{1}{4}$ " (6.4mm)	198-8, SE175-4	72-8E1, 81-8S		
164-8A	1480 2043	8" (203mm)	12 $\frac{1}{2}$ " Square (178mm)	$\frac{1}{2}$ " (13mm)	191-78 Series, SM191-78 Series, Q418, Q438, Q458, QS408	81-8S		
164-12A		12" (305mm)	16" Square (321mm)	$\frac{1}{2}$ " (13mm)	Q4412, Q4612, 4712, 4812	—		
	UL	Speaker	Diameter	Projects	Enclosure	Mounting Rings / Tile Bridges		
164-15A		15" (381mm)	20 $\frac{1}{8}$ " (510mm)	$\frac{1}{2}$ " (13mm)	Q4915	—		
169-8	1480 2043	8" (203mm)	10 $\frac{1}{2}$ " Square (267mm)	$\frac{1}{16}$ " (2mm)	193-8, 193-8-6	73-8E1, 81-8S		
	UL	Speaker	Diameter	Projects	Enclosure	Mounting Rings / Tile Bridges		
170-8A	1480 2043	8" (203mm)	13 $\frac{1}{2}$ " Square (267mm)	$\frac{1}{16}$ " (2mm)	(EZ)95-8 Series, T95-8 Series, BMT95-8, Q408, CS95-8	75-8E2, 76-8E2, P77-8, P78-8, 81-98R(S)		
					(EZ)96-8 Series	EQ81		
T620-8	1480 2043	8" (203mm)	11 $\frac{1}{8}$ " Square (295mm)	$\frac{3}{16}$ " (8mm)	T198-8, T198-8-5, T198-8-8, SE175-4	T72-8E2, 81-8S		
410-4		4" (102mm)	6" (152mm)	4 $\frac{1}{2}$ " (114mm)	N/A	N/A		
410-8(W)		8" (203mm)	9 $\frac{9}{16}$ " (237mm)	4 $\frac{1}{2}$ " (122mm)	N/A	N/A		
	Speaker	Width	Height	Top Depth	Bottom Depth	Finish		
417-8WD	8" (203mm)	9 $\frac{1}{2}$ " (242mm)	10 $\frac{1}{2}$ " (267mm)	5 $\frac{1}{2}$ " (140mm)	3 $\frac{3}{4}$ " (95mm)	Walnut Grain Vinyl		

	Speaker	Diameter	Depth	Projects				
510-8(W)	8" (203mm)	9 5/8" (237mm)	5 1/2" (133mm)	10" (254mm)				
UL	Speaker	Diameter	Projects	Enclosure	Mounting Rings / Tile Bridges			
VP60-R	1480 2043	8" (203mm) APF-15(T), APF-15TU(C)	12 3/4" (324mm)	1" (25mm)	(T)95-8 Series, 96-8 Series, CS95-8, Q408	75-8(E2), 76-8(E2)		
VP161A-R4		4" (102mm)	10 3/4" Square (273mm)	3/4" (19mm)	161-SES, 161-RES			
VP161A-R8		8" (203mm)	10 3/4" Square (273mm)	3/4" (19mm)	161-SES, 161-RES			
VP161A-APF		APF-15(T) APF-15TU(C)	10 3/4" Square (273mm)	3/4" (19mm)	161-SES, 161-RES			
UL	Speaker	Diameter	Depth	Projects	Mounts			
VP410-S	1480	8" (203mm)	10" (255mm)	7" (179mm)	—	E.O. box		
VP510-B	1480	8" (203mm)	10" (255mm)	8" (203mm)	11" (279mm)	E.O. box		
Retrofits Baffle Model				Mounts Horn Model				
FAMT-6	VP60-R, VP410-S, VP161-R8				APF-15(T), APF-15TUC			
Dimensions						Mounts Baffle Model		
	A	B	C	D	E			
EZ96-4	6 1/4" (159mm)	5 1/8" (130mm)	4 1/4" (108mm)	1/2" (13mm)	7 1/8" (181mm)	51-4, 60-4		
EZ96-4X	10 1/8" (257mm)	5 1/8" (130mm)	6" (152mm)	1/2" (13mm)	6 1/4" (159mm)	51-4, 60-4		
EZE410	10 1/8" (257mm)	6 3/8" (162mm)	6" (152mm)	1/2" (13mm)	—	T51-4		
Dimensions						Mounts Baffle Model		
	A	B	C	D	E			
EZ95-8	10 1/4" (257mm)	9 1/4" (251mm)	4 1/4" (108mm)	11 1/4" (298mm)	—	51-8, 61-8W, 62-8, M222W, P900, T51-8, T61-8W, T610-8, T720-8A		
Dimensions						Mounts Baffle Model		
	A	B	C	D	E			
EZ195-8	10" (254mm)	10 1/4" (257mm)	5 1/2" (140mm)	11 1/4" (298mm)	1 1/8" (18mm)	T730-8B		
Mounting Rail Length								
EZ95-8	23 3/4" (603mm)							
All EZ Models Except EZ95-8	26" (660mm)							
	Diameter	Opening	Height	Mounts Baffle Model				
BMT95-8	11 1/4" (298mm)	10 1/4" (257mm)	4 1/4" (108mm)	60-8W,(T)61-8W, (T)62-8, T720-8A, M222W, P900, VP60-R, 170-8A				
BMT95-8-7	11 1/4" (298mm)	10 1/4" (257mm)	7" (178mm)	60-8W,(T)61-8W, (T)62-8, T720-8A, M222W, P900, VP60-R, 170-8A				
BMT95-4	7 1/8" (200mm)	6 1/2" (165mm)	5" (127mm)	T51-84, T720-4BT				
BMT95-4-7	7 1/8" (200mm)	6 1/2" (165mm)	7" (178mm)	T51-84, T720-4BT				
UL	Depth	Diameter	Style	Volume				
(T)95-8-7	1480 2043	7" x (178mm)	11 1/4" (298mm)	Recessed	.306 ft. ³ (.008 m ³)			
(T)95-8-10	1480 2043	7" (178mm)	11 1/4" (298mm)	Recessed	.438 ft. ³ (.012 m ³)			
96-8-7	1480 2043	7" (178mm)	11 1/8" (302mm)	Recessed	.449 ft. ³ (.013 m ³)			

	UL	Depth	Diameter	Style	Volume				
96-8-10	1480 2043	10" (254mm)	11 $\frac{1}{8}$ " (302mm)	Recessed	.641 ft. ³ (.018 m ³)				
198-8-8		8" (203mm)	10 $\frac{3}{8}$ " Square (270mm)	Recessed	.492 ft. ³ (.014 m ³)				
191-78-8		8" (203mm)	11 $\frac{1}{16}$ " Square (297mm)	Recessed	.632 ft. ³ (.018 m ³)				
SM191-78-8	1480 2043	8" (203mm)	12 $\frac{3}{4}$ " Square (324mm)	Surface	.753 ft. ³ (.021 m ³)				
	UL	Speaker	Volume	Diameter	Opening	Height	Flange Height	Mounts To	
Q408	1480 2043	8" (203mm)	1 ft ³ (0.28 m ³)	14 $\frac{3}{8}$ " (365mm)	12" (305mm)	10 $\frac{1}{2}$ " (267mm)	$\frac{3}{8}$ " (10mm)	51-8, 60-8W, 61-8W, 62-8, M222W, P900, VP60-R	
	UL	Speaker	Volume	Length	Width	Depth	Mounts To		
QS408		8" (203mm)	1 (0.28 m ³)	15" (381mm)	15" (381mm)	8" (203mm)	164-8A		
Q418	1480 2043	8" (203mm)	1 $\frac{1}{2}$ (0.28 m ³)	18" (457mm)	18" (457mm)	8" (203mm)	164-8A		
Q4412		12" (305mm)	2 (0.56 m ³)	23" (584mm)	18" (457mm)	8" (203mm)	164-12A		
Q4612		12" (305mm)	3 (0.84 m ³)	23" (584mm)	18" (457mm)	12" (305mm)	164-12A		
	Speaker	Volume	Length	Width	Depth	Mounts To			
Q4712	12" (305mm)	4 (0.113 m ³)	23" (584mm)	18" (457mm)	16 $\frac{1}{2}$ " (203mm)	164-12A			
Q4812	12" (305mm)	6 (0.169 m ³)	29 $\frac{1}{2}$ " (749mm)	23" (584mm)	15" (381mm)	164-12A			
Q4915	15" (381mm)	6 (0.169 m ³)	29 $\frac{1}{2}$ " (749mm)	23" (584mm)	15" (381mm)	164-15A			
Q428-SA	8" (203mm)	1 $\frac{1}{2}$ ft ³ (0.42 m ³)	18" (457mm)	18" (457mm)	8 $\frac{1}{2}$ " (216mm)				
	UL	Speaker	Volume	Diameter	Opening	Height	Flange Height		
96-4X	1480 2043	8" (203mm)	$\frac{1}{4}$ " (.007 m ³)	10" (254mm)	6 $\frac{1}{4}$ " (159mm)	6" (152mm)	$\frac{1}{2}$ " (13mm)		
	UL	Diameter	Opening	Bolt Circle	Height	Flange Diameter			
(T)95-8	1480 2043	10 $\frac{1}{4}$ " (257mm)	9 $\frac{1}{4}$ " (251mm)	11 $\frac{1}{4}$ " (286mm)	4 $\frac{1}{4}$ " (108mm)	11 $\frac{3}{4}$ " (2998mm)			
	UL	Diameter	Opening	Bolt Circle	Height	Flange Diameter			
95-12		14 $\frac{3}{16}$ " (360mm)	14 $\frac{1}{2}$ " (361mm)	15 $\frac{1}{16}$ " (392mm)	7" (178mm)	16 $\frac{1}{2}$ " (419mm)			
95-12-12		14 $\frac{3}{16}$ " (360mm)	14 $\frac{1}{2}$ " (361mm)	15 $\frac{1}{16}$ " (392mm)	12" (305mm)	16 $\frac{1}{2}$ " (419mm)			
	UL	Diameter / Opening	Bolt Circle	Height	Flange Diameter				
CS95-8	1480 2043	9 $\frac{1}{4}$ " (249mm)	11 $\frac{1}{4}$ " (286mm)	4 $\frac{1}{4}$ " (108mm)	11 $\frac{1}{4}$ " (298mm)				
	UL	Diameter	Opening	Height	Plaster Flange Diameter	Flange Diameter			
96-8	1480 2043	11 $\frac{1}{8}$ " (302mm)	10 $\frac{3}{4}$ " (273mm)	4 $\frac{1}{4}$ " (298mm)	11 $\frac{1}{8}$ " (298mm)	13 $\frac{1}{2}$ " (343mm)			
	Diameter	Opening	Plaster Flange Height	Height					
E410	10 $\frac{1}{4}$ " (257mm)	6 $\frac{3}{8}$ " (162mm)	$\frac{1}{2}$ " (13mm)	6 $\frac{1}{2}$ " (165mm)					
E410-11	10 $\frac{1}{4}$ " (257mm)	6 $\frac{3}{8}$ " (162mm)	$\frac{1}{2}$ " (13mm)	11" (279mm)					
	UL	Diameter	Opening	Height	Plaster Flange Height	Flange Diameter			
96-4	1480 2043	6 $\frac{1}{4}$ " (159mm)	5" (127mm)	4 $\frac{3}{8}$ " (111mm)	$\frac{1}{2}$ " (13mm)	7 $\frac{1}{8}$ " (181mm)			
	UL	Length	Width	Depth					
193-8	1480 2043	9 $\frac{9}{16}$ " (243mm)	9 $\frac{9}{16}$ " (243mm)	3 $\frac{3}{4}$ " (95mm)					
193-8-6	1480 2043	9 $\frac{9}{16}$ " (244mm)	9 $\frac{9}{16}$ " (244mm)	6" (152mm)					
198-4	1480 2043	6 $\frac{1}{4}$ " (159mm)	6 $\frac{1}{2}$ " (159mm)	4 $\frac{1}{4}$ " (105mm)					
(T)198-8	1480	10 $\frac{1}{16}$ " (271mm)	10 $\frac{1}{16}$ " (271mm)	3 $\frac{3}{4}$ " (95mm)					
	Dimensions	Depth	Mounts						
SE198-4	7 $\frac{1}{2}$ " Square (181mm)	4 $\frac{3}{8}$ " (111mm)	161-4						
161SES	11" Square (279mm)	6" (152mm)	VP161 Series						
161RES	11" Square (279mm)	6" (152mm)	VP161 Series						

Specifications

	Speaker	Dimensions	Depth	Mounts					
SE175-4	8" (203mm)	11 ¹ / ₈ " square (295mm)	4" (102mm)	161-8, T620-8					
SM191-78	8" (203mm)	12 ¹ / ₄ " Square (324mm)	4" (102mm)	164-8A					
	UL	Dimensions	Depth	Bracket Adjustment	Mounts				
191-78	1480 2043	11 ¹ / ₈ " square (297mm)	4" (102mm)	¹ / ₁₆ "- ³ / ₄ " (2-19mm)	164-8A				
	Cut-Out	Length	Width	Depth	Mounts Baffle Models				
81-8S	8" Square (203mm)	23 ³ / ₈ " (600mm)	14 ¹ / ₈ " (359mm)	¹ / ₄ " (6mm)	(T)581-8, (T)60-8(W), (T)61-8W, (T)62-8, 63-8, 161-8, (T)164-8, 169-8, 170-8A, 169-8, 170-8, M222W, T610-8(W), T620-8, T720-8A. P900, P910				
81-8R	10 ³ / ₈ " Diameter (273mm)	23 ³ / ₈ " (600mm)	14 ¹ / ₈ " (359mm)	¹ / ₄ " (6mm)	51-8, 60-8(W), 61-8W, 62-8, 63-8, 170-8A, M222W, P900				
81-4	5 ¹ / ₈ " Diameter (132mm)	23 ³ / ₈ " (600mm)	14 ¹ / ₈ " (359mm)	¹ / ₄ " (6mm)	51-4, 60-4				
EO81	12 ¹ / ₈ " Diameter (306mm)	23 ¹ / ₈ " (602mm)	13 ³ / ₈ " (349mm)	¹ / ₂ " (13mm)	-				
Length									
180-2	23 ³ / ₈ " (603mm)								
180-4	47 ³ / ₈ " (1213mm)								
186-16	18" (457mm)								
186-24	26" (660mm)								
	Ring Outer Diameter	Flange Lip Outer Diameter	Mounting Ear Width	Overall Depth					
(T)75-8	11 ¹ / ₄ " (298mm)	8 ⁷ / ₈ " (251mm)	—	¹ / ₄ " (16mm)					
T75-8E1	11 ¹ / ₄ " (298mm)	8 ⁷ / ₈ " (251mm)	17" (432mm)	¹ / ₄ " (16mm)					
T75-8E2	11 ¹ / ₄ " (298mm)	8 ⁷ / ₈ " (251mm)	23 ³ / ₈ " (597mm)	¹ / ₄ " (16mm)					
76-8	7 ¹ / ₂ " (343mm)	11 ¹ / ₈ " (302mm)	—	¹ / ₈ " (11mm)					
76-8E2	7 ¹ / ₂ " (343mm)	11 ¹ / ₈ " (302mm)	24" (610mm)	¹ / ₈ " (11mm)					
P77-8	13 ³ / ₈ " (346mm)	11 ¹ / ₈ " (303mm)	—	¹ / ₄ " (10mm)					
P78-8	13 ³ / ₈ " (346mm)	11 ¹ / ₈ " (303mm)	18" (457mm)	¹ / ₄ " (10mm)					
	Ring Outer Diameter	Flange Outer Diameter	Overall Depth	Flange Lip Depth	Mounting Ear Width				
PR411	7 ¹ / ₂ " (200mm)	6 ³ / ₈ " (162mm)	3 ¹ / ₄ " (83mm)	¹ / ₂ " (13mm)	—				
TR-411	25 ¹ / ₈ " (675mm)	6 ³ / ₈ " (162mm)	3 ¹ / ₈ " (81mm)	¹ / ₂ " (13mm)	24" (610mm)				
	Width	Height	Clock / Hole Clearance Diameter	Mounts (Order Separately)					
				Speaker	Clock	Enclosure			
830-89A	26 ¹ / ₂ " (673mm)	14" (356mm)	8 ³ / ₈ " (222mm)	8" (203mm)	9" (229mm) 10" (254mm)	194-89			
830-812A	33 ³ / ₈ " (860mm)	17 ¹ / ₈ " (454mm)	10 ¹ / ₂ " (267mm)	8" (203mm)	12" (305mm)	SM194-89, 194-812			
840-89A	26 ³ / ₄ " (679mm)	13 ¹ / ₈ " (348mm)	8 ³ / ₈ " (222mm)	8" (203mm)	9" (229mm) 10" (254mm)	SM194-812, 195-89, SM195-89			
840-812A	33 ³ / ₈ " (862mm)	18 ¹ / ₄ " (459mm)	10 ¹ / ₂ " (267mm)	8" (203mm)	12" (305mm)	195-812, SM195-812			
	Type	Width	Height	Depth	Mounts				
194-89	Recessed	24 ¹ / ₂ " (622mm)	12 ¹ / ₈ " (306mm)	3" (76mm)	830-89A				
194-812	Recessed	31 ¹ / ₈ " (803mm)	15 ¹ / ₈ " (403mm)	3" (76mm)	830-812A				
195-89	Recessed	23 ³ / ₈ " (606mm)	11 ¹ / ₈ " (302mm)	3" (76mm)	840-89A				
195-812	Recessed	31 ¹ / ₄ " (794mm)	16" (406mm)	3" (76mm)	840-812A				
SM194-89	Surface	26 ³ / ₈ " (676mm)	14 ¹ / ₈ " (359mm)	3" (76mm)	830-89A				
SM194-812		34" (864mm)	18" (457mm)	3" (76mm)	830-812A				
SM195-89		26 ³ / ₈ " (683mm)	13 ³ / ₈ " (351mm)	3" (76mm)	840-89A				
SM195-812		34 ¹ / ₈ " (865mm)	18 ¹ / ₈ " (462mm)	3" (76mm)	840-812A				

FR Series Kit Part Number	Includes FR Series Speaker / Transformer Combination		Includes FR Series Baffle		Includes Enclosure / Fiber Kit				
FC104T72FRK	FC104T72FR		51-4FR		96-4FR				
C10AT72FRK	C10AT72FR		51-8FR		95-8FR				
C803AT87FRK	C803AT87FR		51-8FR		95-8FR				
FA136T87FRK	FA136T87FR		FA720-6FR		FA97-6FR				
FA138T82FRK	FA138T87FR		FA720-8FR		FA97-8FR				
Model	UL	Power Rating	Attenuation Per Step	Total Attenuation	Insertion Loss	Plate Size	Plate Type	Plate Color	
AT10	813 & 2043	10 watts	3dB	27dB	.4dB	1 gang	Stainless	NA	
AT35	813 & 2043	35 watts	3dB	27dB	.4dB	1 gang	Stainless	NA	
AT100	813 & 2043	100 watts	3dB	27dB	.4dB	1 gang	Stainless	NA	
Model	UL	Power Rating	Attenuation Per Step	Total Attenuation	Insertion Loss	Plate Size	Plate Type	Plate Color	
AT10D	813 & 2043	10 watts	3dB	33dB	.4dB	1 gang	Plastic Decora	White/Ivory	
AT35D	813 & 2043	35 watts	3dB	27dB	.6dB	1 gang	Plastic Decora	White/Ivory	
AT100D	813 & 2043	100 watts	3dB	27dB	.6dB	1 gang	Plastic Decora	White/Ivory	
Model	UL	Power Rating	Attenuation Per Step	Total Attenuation	Insertion Loss	Plate Size	Plate Type	Plate Color	
E408-100	813 & 2043	100 watts	1.5dB	15dB	.6dB	1 gang	Stainless	NA	
Model	Plate Height	Depth	Attenuator Height	Plate Width	Attenuator Width				
AT10	4½" (114mm)	2½" (54mm)	2¼" (70mm)	2¼" (70mm)	1¾" (44mm)				
AT10-PA	4½" (114mm)	2½" (54mm)	2¼" (70mm)	2¼" (70mm)	1¾" (44mm)				
AT35	4½" (114mm)	2½" (54mm)	2¼" (70mm)	2¼" (70mm)	1¾" (44mm)				
AT35-PA	4½" (114mm)	2½" (54mm)	2¼" (70mm)	2¼" (70mm)	1¾" (44mm)				
AT100	4½" (114mm)	2½" (54mm)	2¼" (70mm)	2¼" (70mm)	1¾" (44mm)				
AT100-PA	4½" (114mm)	2½" (54mm)	2¼" (70mm)	2¼" (70mm)	1¾" (44mm)				
E408-100	4½" (114mm)	2½" (67mm)	2¼" (52mm)	2¼" (70mm)	2½" (59mm)				
Model Series	Impedance	Voltage	Power Rating	Plate Style	Type	Requires	Attenuation		
DWS-8(I/W)	8 Ω	—	50 watts	Decora	Stereo, Switched	20 in ³ E.O. Box & Power Supply	10 Steps, 22.5dB Total		
SWS-8I	8 Ω	—	50 watts	Standard	Stereo, Switched	20 in ³ E.O. Box & Power Supply	10 Steps, 22.5dB Total		
DWSM-15(I/W)	—	70.7V	15 watts	Decora	Mono, Switched	18 in ³ E.O. Box & Power Supply	10 Steps, 22.5dB Total		
SWS-15W	—	70.7V	15 watts	Standard	Stereo, Switched	18 in ³ E.O. Box & Power Supply	10 Steps, 22.5dB Total		
DSUMS-8W	8 Ω	—	25 watts	Decora	Left, Right, Summing Switched	20 in ³ E.O. Box & Power Supply	10 Steps, 22.5dB Total		
SSUMS-8I	8 Ω	—	25 watts	Standard	Left, Right, Summing Switched	20 in ³ E.O. Box & Power Supply	10 Steps, 22.5dB Total		
Model	Powers Up To	Input	Output (Nom.)						
PS-M12	3 Switched WhisperTouch	120VAC	12VDC @ 300 mA						
Model Series	Power Rating RMS / Channel	System Impedance	Voltage	Attenuation Per Step	Total	Insertion Loss	Plate Size		
DAT8ST (I/W)	50 watts	8 Ω	—	3dB	30dB	.5dB	1 gang		
DAT35ST70 (I/W)	35 watts	—	25V or 70.7V	3dB	27dB	.5dB	1 gang		

Model	Speaker Capacity	Speaker Selector	Volume Controls	A/B Source Capacity	Power Handling RMS / Audio			
ASL-6A	6 Pair	6 on/off	6	6 Individual	70/210 watts			
AST-6	6 Pair	6 on/off	—	1 System	40/120 watts			
Model	Description							
SG-XLR-F1	Single Gang Stainless Steel Plate with (1) Female 3 pin XLR							
SG-XLR-F2	Single Gang Stainless Steel Plate with (2) Female 3 pin XLR							
SG-XLR-M1	Single Gang Stainless Steel Plate with (1) Male 3 pin XLR							
SG-XLR-M2	Single Gang Stainless Steel Plate with (2) Male 3 pin XLR							
SG-NL4MP-1	Single Gang Stainless Steel Plate with (1) NL4MP 4-Pole connector							
SG-NL4MP-2	Single Gang Stainless Steel Plate with (2) NL4MP 4-Pole connector							
SG-QTRSL-F1	Single Gang Stainless Steel Plate with (1) Female Locking TRS connector							
SG-QTRSL-F2	Single Gang Stainless Steel Plate with (2) Female Locking TRS connector							
SG-38GH	Single Gang Stainless Steel Plate 3/8" Hole & Grommet							
SG-XLR-F1	Single Gang Stainless Steel Plate with (1) Female 3 pin XLR							
SG-XLR-F2	Single Gang Stainless Steel Plate with (2) Female 3 pin XLR							
SG-XLR-M1	Single Gang Stainless Steel Plate with (1) Male 3 pin XLR							
SG-XLR-M2	Single Gang Stainless Steel Plate with (2) Male 3 pin XLR							
SG-NL4MP-1	Single Gang Stainless Steel Plate with (1) NL4MP 4-Pole connector							
SG-NL4MP-2	Single Gang Stainless Steel Plate with (2) NL4MP 4-Pole connector							
SG-QTRSL-F1	Single Gang Stainless Steel Plate with (1) Female Locking TRS connector							
SG-QTRSL-F2	Single Gang Stainless Steel Plate with (2) Female Locking TRS connector							
SG-38GH	Single Gang Stainless Steel Plate 3/8" Hole & Grommet							
Model	Description							
SM52CBRKT-B	SM52 C-Bracket - Black							
SM52CBRKT-W	SM52 C-Bracket - White							
SM52GRILL-B	SM52 Grille w/ Logo - Black							
SM52GRILL-W	SM52 Grille w/ Logo - White							
SM52KNOB-B	SM52 Knobs - Black - Each							
SM52KNOB-W	SM52 Knobs - White - Each							
SM52TWEETER	SM52 Tweeter Driver Assembly							
SM52WOOFER	SM52 5 1/4" Woofer Poly Cone							
SM42GRILL-B	SM42 Grille w/ Logo - Black							
SM42GRILL-W	SM42 Grille w/ Logo - White							
SM42KNOB-B	SM42 Knobs - Black - Each							
SM42KNOB-W	SM42 Knobs - White - Each							
SM82CBRKT-B	SM82 C-Bracket - Black							
SM82CBRKT-W	SM82 C-Bracket - White							
SM82GRILL-B	SM82 Grille w/ Logo - Black							
SM82GRILL-W	SM82 Grille w/ Logo - White							
SM82HFDRV	SM82 HF Replacement Driver							
SM82KNOB-B	SM82 Knobs - Black - Each							
SM82KNOB-W	SM82 Knobs - White - Each							
SM82WOOFER	SM82 8" Woofer Treated Cone							
SMTERMCVR-B	SM Series Terminal Cover - Black							
SMTERMCVR-W	SM Series Terminal Cover - White							
SM52TWEETER	SM42 Tweeter Driver Assembly							
FAP40TDRV	SM42 4" Woofer							

Model	Description
SM42CBRKT-B	SM42 C-Bracket - Black
SM42CBRKT-W	SM42 C-Bracket - White
FAPVRAIL	V Rail for All FAP Series Models
FAPPHX	Phoenix Connector for All FAP Series Models
FAP40TGRILL	FAP40T Grille
FAP40TDL	FAP40T Dogleg
FAP40TDLS	FAP40T Dogleg Screw
FAP40TDRV	FAP40T Driver
FAP40TTB	FAP40T Tile Bridge
FAP42TGRILL	FAP42TC / FAP42T Grille
FAP42/62TDL	FAP42TC / FAP42T / FAP62T Dogleg
FAP42/62TDLS	FAP42TC / FAP42T / FAP62T Dogleg Screw
369551	FAP42TC / FAP42T Driver

Model	Description	Current Draw	Style	Color
M-1A	IR Repeater	12 mA	Flush Mount	White Lens
M-1AJW	IR Repeater	12 mA	Wall Mount, Supplied on Decorator Subplate	White Lens, White Subplate
F-1	Flasher	.05 mA	Surface Mount	Black Lens, Black Cord

Model	Power Rating	Output	Inputs	Frequency Response	Distortion	Outputs	Power Consumption	Dimensions
AA35	35 watts RMS	25V / 70.7V / 100V & 8 Ω	Input 1 Mic .316 ~ 3.16 mV (-50 ~ -70dBV) Input 1 Telephone / Line 316mV (-10dBV) 10k Ω (optional 600 Ω transformer available) Input 2/3 316 mV (10dBV) 10k Ω	50Hz – 20kHz	.5% or less, at 1kHz, rated output .1% or less, at 1kHz, 5 watts output	Main: Transformer coupled, balanced, 8 Ω, 25V, and 70.7V Zone 2- 8 Ω Unbalanced 1 watt, Zone 2- 600 Ω Balanced 1.5V	90 watts	Width: 8.27" (210mm) Height: 2RU, 3.66" (94mm) Depth: 10.87" (276mm)
AA60	60 watts RMS	25V / 70.7V / 100V & 4 Ω	Input 1 Mic .316 ~ 3.16 mV (-50 ~ -70dBV) Input 1 Telephone / Line 316mV (-10dBV) 10k Ω (optional 600 Ω transformer available) Input 2/3 316 mV (10dBV) 10k Ω	50Hz – 20kHz	.5% or less, at 1kHz, rated output .1% or less, at 1kHz, 5 watts output	Main: Transformer coupled, balanced, 8 Ω, 25V, and 70.7V Zone 2- 8 Ω Unbalanced 1 watt, Zone 2- 600 Ω Balanced 1.5V		Width: 8.27" (210mm) Height: 2RU, 3.66" (94mm) Depth: 14" (357mm)

Model	Power Rating	Output	Inputs	Frequency Response	Distortion	Outputs	Power Consumption	Dimensions
AA120	120 watts RMS	25V / 70.7V / 100V & 8 Ω	Input 1 Line/Tel 316mV (-10dBV) 10k Ω (600 Ω w optional/transformer) Mic .316mV~3.16mV (-50dBV~ -70dBV) Inputs 2-5 Line 316mV (-10dBV) 10k Ω Mic .316mV~3.16mV (-50dBV~ -70dBV) Input 6 Line 300mV/100mV (-10dBV/-20dBV) Selectable	50Hz – 20kHz ±3dB	<1% at rated power (1kHz)	Main: Transformer coupled, balanced, 8 Ω, 25V, and 70.7V Zone 2 8 Ω Unbalanced 1 watt, Zone 2 600 Ω Balanced 1.5V	300 watts	Width: 16.54" (420mm) Height: 2RU, 3.66" (94mm) Depth: 14.06" (357mm)

Specifications

Model	Power Rating	Output	Inputs	Frequency Response	Distortion	Outputs	Power Consumption	Dimensions
AA240	240 watts RMS	25V / 70.7V / 100V & 8 Ω	Input 1 Line/Tel 316mV (-10dBV) 10k Ω (600 Ω w optional/transformer) Mic 6mV~3.16mV (-50dBV~-70dBV) Inputs 2-5 Line 316mV (-10dBV) 10k Ω Mic .316mV~3.16mV (-50dBV~-70dBV) Input 6 Line 300mV/100mV (-10dBV/-20dBV) Selectable	50Hz – 20kHz ±3dB	<1% at rated power (1kHz)	Main: Transformer coupled, balanced, 8 Ω, 25V, and 70.7V Zone 2 8 Ω Unbalanced 1 watt, Zone 2 600 Ω Balanced 1.5V	500 watts	Width: 16.54" (420mm) Height: 2RU, 3.66" (94mm) Depth: 14.06" (357mm)
AA120M	120 watts RMS	25V / 70.7V / 100V & 8 Ω	Input 1 Line 316mV (-10dBV) 10k Ω / Mic .316mV~3.16mV (-50dBV~-70dBV) Inputs 2-4 Line 100mV (-20dBV) 10k Ω / Mic .316mV~3.16mV (-50dBV~-70dBV) Input 5 Line 316mV/100mV (-10dBV / -20dBV) Selectable Input 6 Module Input	50Hz – 20kHz ±3dB	<1% at rated power	Main: Transformer coupled, balanced, 8 Ω, 25V, and 70.7V Zone 2 8 Ω Unbalanced 1 watt, Zone 2 600 Ω Balanced 1.5V	300 watts	Width: 16.54" (420mm) Height: 2RU, 3.66" (94mm) Depth: 14.06" (357mm)
Model	Power Rating	Inputs	Frequency Response	Distortion	Outputs	AC Mains	Dimensions	Optional Rack Mount Kit
PA601	60 watts RMS	Balanced Line ("Phoenix") 500mV (-6dBV) 20k Ω Unbalanced (RCA) 500mV (-6dBV) 20k Ω	50Hz – 20kHz ±3dB	.5% or less, at 1kHz, rated output .1% or less, at 1kHz, 5 watts output	Main Transformer coupled, balanced, 4 Ω, 70.7V, and 100V Line Out Unbalanced 600 Ω	120VAC / 240VAC (Switchable)	Width: 8.27" (210mm) Height: 2RU, 3.66" (94mm) Depth: 14" (357mm)	AARMK2-5
	Power Rating	Inputs	Frequency Response	Power Consumption	Dimensions			
PA702	70 watts RMS per channel @ 8 Ω	Unbalanced (RCA) 10k Balanced ("Phoenix") 20k	30Hz – 20kHz (±3dB)	16 watts sleep mode	Width: 8.5" (216mm) Height: 1RU, 1.75" (45mm) Depth: 13.5" (343mm)			
PA1001G								
	Output Setting	Power Rating	Inputs	Frequency Response	Distortion	Signal To Noise	Dimensions	
CP400	25V Stereo 70.7V Stereo 100V Stereo 140V Bridged Mono 200V Bridged Mono 8 Ω Stereo 4 Ω Stereo 2 Ω Stereo 8 Ω Bridged Mono 4 Ω Bridged Mono	175 watts x2 200 watts x2 200 watts x2 400 watts 400 watts 160 watts x2 240 watts x2 270 watts x2 500 watts 600 watts	Balanced/Unbalanced 20k / 10k Ω	Direct Outputs (±3dB) 30Hz – 50kHz Transformer Outputs (±3dB) 30Hz – 16kHz	8Ω, 1kHz, 240 watts per channel < .05%	8 Ω per Channel @ 240 watts > 100dB	3RU, Height: 5.19" (132mm) Width: 18.9" (480mm) Depth: 16.85" (428mm)	
CP700	25V Stereo 70.7V Stereo 100V Stereo 140V Bridged Mono 200V Bridged Mono 8 Ω Stereo 4 Ω Stereo 2 Ω Stereo 8 Ω Bridged Mono 4 Ω Bridged Mono	280 watts x2 350 watts x2 350 watts x2 700 watts 700 watts 240 watts x2 400 watts x2 550 watts x2 850 watts 1100 watts	Balanced/Unbalanced 20k / 10k Ω	Direct Outputs (±3dB) 30Hz – 50kHz Transformer Outputs (±3dB) 30Hz – 16kHz	8Ω, 1kHz, 240 watts per channel < .05%	8 Ω per Channel @ 240 watts > 100dB	3RU, Height: 5.19" (132mm) Width: 18.9" (480mm) Depth: 16.85" (428mm)	
Model	Input	Output (Nom.)	Ripple @ Full Load	Regulation 0 V Full Load	Length	Width	Height	
RPS24-05	117VAC 60Hz, 26 watts	24VDC ½ Amp	0.5mV	500mV	6¼" (171mm)	3¾" (92mm)	2" (51mm)	
Model	Input	Output (Nom.)	Ripple @ Full Load	Regulation 0 - Full Load	Length	Width	Height	
PS24-2R	105 - 125VAC 60Hz, 110 watts	24VDC 2 Amp	0.5mV	500mV	6¼" (337mm)	3¾" (159mm)	2¾" (121mm)	

Model	Input	Output (Nom.)	Ripple @ Full Load	Regulation 0 - Full Load	Length	Width	Height	
PS24-4R	105 - 125VAC 60Hz, 110 watts	24VDC 4 Amp	1mV	300mV	6¼" (337mm)	3¼" (159mm)	2¾" (121mm)	
Model	Input	Output (Nom.)	Ripple @ Full Load	Regulation 0 - Full Load	Length	Width	Height	
PS24-50A	117VAC 60Hz, 170 watts	24VDC 5 Amp	Less Than 2.5%	29 - 23V	13¼" (337mm)	6¼" (159mm)	4¾" (121mm)	
UL	Model	Input	Output (Nom.)	Ripple @ Full Load	Regulation 0 - Full Load	Length	Width	Height
	PS24-20	117VAC 60Hz, 70 watts	24, 12, 6 VDC 2 Amp	Less Than 2.5%	27-22V	6¼" (171mm)	3¾" (92mm)	4" (102mm)
2017	TS242	105 - 125VAC 60Hz, 74 watts	24VDC 2 Amp	Less Than 0.5%	28-22.4V	3¾" (98mm)	10¾" (276mm)	6" (152mm)
Model	Input	Output (Nom.)	Ripple @ Full Load	Regulation 0 - Full Load	Length	Width	Height	
PS24-075	117VAC 60Hz, 26 watts	24VDC ¾ Amp	Less than 1.5mV	26 - 22V	6¼" (171mm)	3¾" (92mm)	2" (51mm)	
Model	Input	Output (Nom.)	Ripple @ Full Load	Regulation 0 - Full Load	Length	Width	Height	
TPS24-05	117VAC 60Hz, 26 watts	24VDC ½ Amp Talk Line	0.5mV	500mV	6¼" (171mm)	3¾" (92mm)	2" (51mm)	
Relay Pack Chassis Modules (Without Relays)								
Model	Relay Socket Quantity	Length	Width	Height				
RPM-2	2	4¾"	3¾"	1½"				
RPM-4	4	5½"	4¾"	1½"				
Plug In Relays (Ordered Relays)								
Model	Type	Contact Material	Contact Rating	Power				
RLM-24	DPDT	Fine, Silver, Gold Plated	1mA tp 3 Amp	24VDC @ 35 mA				
RLM-24-5	DPDT	Silver Cadmium Oxide	500mA to 5 Amp	24VDC @ 35 mA				
Model	Input Power	Power Supply Output	Relay Qty / Type	Relay Power Req.	Contact Rating	Length	Width	Height
PSR-212	117VAC 60Hz, 24 watts	24VDC @ 1 Amp	12 Qty. 24VDC, DPDT	24VDC, 35mV	3 Amps	13¼" (337mm)	6¼" (159mm)	4¾" (121mm)
PSR-206	117VAC 60Hz, 12 watts	24VDC @ 500 Amp	6 Qty. 24VDC, DPDT	24VDC, 35mV	3 Amps	13¼" (337mm)	6¼" (159mm)	4¾" (121mm)
Model	UL	Transformer Taps	Frequency Response	Dispersion	Sensitivity			
VT-157UCN	1480	70.7V: 2, 4, 8, & 15 watts	600Hz - 5.5kHz (±5dB)	>190° (-6dB point, 1 and 2kHz octave bands)	96.9dB (1 W / 1 M) UL: 90dB (1 W / 1 M)			
VT-157UCR	1480	70.7V: 2, 4, 8, & 15 watts	600Hz - 5.5kHz (±5dB)	>190° (-6dB point, 1 and 2kHz octave bands)	96.9dB (1 W / 1 M) UL: 90dB (1 W / 1 M)			
VTF-157UCN	1480	70.7V: 2, 4, 8, & 15 watts	600Hz - 5.5kHz (±5dB)	>190° (-6dB point, 1 and 2kHz octave bands)	96.9dB (1 W / 1 M) UL: 90dB (1 W / 1 M)			
VTF-157UCR	1480	70.7V: 2, 4, 8, & 15 watts	600Hz - 5.5kHz (±5dB)	>190° (-6dB point, 1 and 2kHz octave bands)	96.9dB (1 W / 1 M) UL: 90dB (1 W / 1 M)			
VT-152UCN	1480	25V: 2, 4, 8, & 15 watts	600Hz - 5.5kHz (±5dB)	>190° (-6dB point, 1 and 2kHz octave bands)	96.9dB (1 W / 1 M) UL: 90dB (1 W / 1 M)			
VT-152UCR	1480	25V: 2, 4, 8, & 15 watts	600Hz - 5.5kHz (±5dB)	>190° (-6dB point, 1 and 2kHz octave bands)	96.9dB (1 W / 1 M) UL: 90dB (1 W / 1 M)			
VTF-152UCN	1480	25V: 2, 4, 8, & 15 watts	600Hz - 5.5kHz (±5dB)	>190° (-6dB point, 1 and 2kHz octave bands)	96.9dB (1 W / 1 M) UL: 90dB (1 W / 1 M)			
VTF-152UCR	1480	25V: 2, 4, 8, & 15 watts	600Hz - 5.5kHz (±5dB)	>190° (-6dB point, 1 and 2kHz octave bands)	96.9dB (1 W / 1 M) UL: 90dB (1 W / 1 M)			

Model	Frequency Response	Dispersion		Sensitivity				
SVT-27UCS	500Hz - 5000Hz (±5dB)	>190° (-6dB point, 1 and 2kHz octave bands)		96.9dB (1 watt, 1 meter) UL: 90dB (1 watt, 10 ft)				
Model	Power Taps	Frequency Response	Sound Level	Dispersion	Impedance			
VTB-1	15 watts	400Hz - 4kHz	107dB	150°	8 Ω			
VTB-2	15 watts	400Hz - 4kHz	107dB	150°	4 Ω			
VTB-4	2, 4, 8, & 15 watts	400Hz - 4kHz	107dB	150°	25V			
VTB-6	1 & 2 watts	400Hz - 4kHz	100dB	150°	25V			
Model Series	UL	Size	Magnet	Frequency Response	Power Rating	Impedance	Flux Density	Sensitivity
UHT	1480	8" (203mm)	10 oz (283 g)	85Hz - 8kHz ±5dB	10 watts	8 Ω	10,600 Gauss	97dB (1 W / 1 M)
Model Speaker / Transformer / Cap / Baffle	UL	Transformer	Transformer Taps	DC Blocking Capacitor	Baffle Type	Mounts Enclosure (Order Separately)		
UHT25C-U51-8	1480	25V	½, 1, 2, 5	10 mfd @ 50V	51-8 (Round)	95-8, 96-8		
UHT25C-U161-8	1480	25V	½, 1, 2, 5	10 mfd @ 50V	51-8 (Round)	95-8, 96-8		
UHT70C-U51-8	1480	70.7V	½, 1, 2, 5	4 MD @ 150V	161-8 (Square)	198-8, SE175-4		
UHT70C-U161-8	1480	70.7V	½, 1, 2, 5	4 MD @ 150V	161-8 (Square)	198-8, SE175-4		
Model	Description	Power Rating	Dispersion	Sound Level Peak (dBA)	Finish			
HPG-100N	Rectangular Molded Bell	100 watts	80° H x 105° V	110dB 120dB	Black Bell Black Driver			
Model	Power Rating	Impedance	Plane Wave Freq. Response	Low Freq. Limit @ Full Power	Sound Level			
AS-100N	100 watts	11 Ω (nominal)	100Hz - 2.5kHz (±5dB)	400Hz	117dBa			
Model	Description	Size	Mounts					
EST-510	Tip Assembly-Gray	3¼" Length	AS-100N					
EST-527	Tip Assembly-Gray	5¼" Length	AS-100N					
ESB-974	Loudspeaker Bell-Gray	5½" Diameter x 3" Depth	AS-100N					
K-100N	Replacement Head Assembly	—	HPG100N AS100N					
YDA-TH	Dual Driver Adapter 1¼"-18F, 1¼"-18M thread	—	HPG100N AS100N					
Model	Description	Dimensions						
VPCS-2G-2	25V; 2-Gang	4¼" Square (121mm) 2¼" Depth (54mm)						
VPCS-2GPB-2	25V; 2-Gang w/ Call Switch	4¼" Square (121mm) 2¼" Depth (54mm)						
VPCS-3GPB-245	25V; 3-Gang w/ Call Switch	Width 6¼" (162mm) Height: 4¼" (121mm) Depth: 2¼" (54mm)						
Model	Description	Width	Height	Depth				
VPB-1A	Plated Mounted 1-gang Call Switch	2¼" (70mm)	4¼" (114mm)	1¼" (35mm)				
Model	Power Rating	Transformer	Frequency Response	Call Switch	Optional Back Box			
VPVT-4PB	15 watts, 25V	25V	—	Yes	VP-77			
Model	Width	Height	Depth	Mounts				
VP-77	5½" (139.7mm)	6¼" (158.75mm)	3½" (88.9mm)	VPVT-PB Series				
Model	Power Rating	Transformer	Frequency Response	Sensitivity As Microphone				
WPVT-1SN	15 watts (8 Ω)	—	600Hz - 5.5kHz	-26dBm				
WPVT-4SN	15 watts	25V	600Hz - 5.5kHz	-26dBm				

Model	Power Rating	Transformer	Frequency Response	Sensitivity As Microphone				
WPVT-6SN	2 watts	25V	600Hz – 5.5kHz	-26dBm				
WPVT-1FN	15 watts (8 Ω)	—	600Hz – 5.5kHz	-26dBm				
WPVT-4FN	15 watts	25V	600Hz – 5.5kHz	-26dBm				
WPVT-6FN	2 watts	25V	600Hz – 5.5kHz	-26dBm				
Model	Description		Power Req.	Power Output	Capacity	Dimensions		
PVP-24	Plug-in Interface Module		117VAC	8VAC @ 2 Amps	Four PVP-6	9½" x 13" x 4½" (241mm x 330mm x 114mm)		
Model	Type	Mounts Intercom Station	Width	Height	Depth			
TS302A	Surface	CE-2A	4½" (119mm)	4½" (117mm)	2½" (63mm)			
Model	Color	Mounting Plate	Included Options					
CE-2A	Neutral	2 Gang	—					
CE-2A-AC	Neutral	2 Gang	25" Armored Cable					
CE-2A-PT	Neutral	2 Gang	Push to Talk Switch					
Model	Input Impedance	Output Impedance	Frequency Response	Dimensions				
LT600-VC	600 Ω	600 Ω, 10k Ω, 25k Ω	60Hz – 12kHz	Length: 4½" (124mm) Width: 3½" (80mm) Height: 1½" (44mm)				
Model	Input	Output (Nom.)	Ripple @ Full Load	Regulation 0 - Full Load	Dimensions			
TPS24-05	117VAC 60Hz, 36 watts	24VDC ½ Amp Talk Line	0.5mV	500mV	Length: 6¾" (172mm) Width: 3½" (92mm) Height: 2" (51mm)			
Model	Description							
CX-EA	Handset mounting noise canceling transmitter, neutral							
DY-1	Dynamic transmitter allows the telephone to function as a microphone for high intelligibility paging. Replace carbon transmitter with DY-1 during installation.							
RU-1	Replacement handset receiver (150 Ω – 200 Ω)							
TU-1	Replacement handset transmitter (50 Ω)							
Model	Computer Interface	Processor	Dynamic Range	Power Supply		Dimensions		
ASP-MG24	USB & RS-232	32-bit (40-bit extended)	115dB (unweighted)	115V 20 watts UL External Power Supply		Height: 1RU (1.75" 44mm) Width: 19" (483mm) Depth: 8" (203mm)		
ASP-MG24TDB	USB, RS-232, & Ethernet	32-bit (40-bit extended)	115dB (unweighted)	115V 20 watts UL External Power Supply		Height: 1RU (1.75" 44mm) Width: 19" (483mm) Depth: 8" (203mm)		
Model								
AM1200								
Model	Transformer Taps		Mounting Tab Holes	Transducer Dimensions		Transformer Housing Dimensions		
M2000-SM	.25, .5, 1, 2, & 4 watts		4" On Center	2.5" Square (64mm) 1" Height (25mm)		3.5" Square (89mm) 2.25" Height (57mm)		
Model	Transformer Taps		Sensitivity	Frequency Response	Height	Width	Depth	
M2000-LP	.25, .5, 1, 2, & 4 watts & Off		90dB	250Hz – 3kHz (±5dB)	25/8" (67mm)	7.5" (191mm)	7" (178mm)	

	FMA35-25SA	FMA44-25SA	FMA35-25G	FMA44-25G	FMA44-36G
Width (Outside)	24.12" (612.65 mm)	24.12" (612.65 mm)	24.12" (612.65 mm)	24.12" (612.65 mm)	24.12" (612.65 mm)
Height (Outside)	69.31" (1760.54 mm)	85.06" (2160.59 mm)	69.31" (1760.54 mm)	85.06" (2160.59 mm)	85.06" (2160.59 mm)
Depth (Outside)	25.5" (648 mm)	25.5" (648 mm)	25.5" (648 mm)	25.5" (648 mm)	30" (762 mm)
Panel Space	35 RU 61.31" (1557.34 mm)	44 RU 77.06" (1957.39 mm)	35 RU 61.31" (1557.34 mm)	44 RU 77.06" (1957.39 mm)	44 RU 77.06" (1957.39 mm)
Usable Depth	24.125" (612.775 mm)	24.25" (615.95 mm)	24.0625" (611.19 mm)	24.25" (615.95 mm)	34" (863.6 mm)
Top Panel Opening	12 RU 21.06" (535 mm)	12 RU 21.06" (535 mm)	12 RU 21.06" (535 mm)	12 RU 21.06" (535 mm)	18 RU 31.62" (803.285 mm)
Floor Mounting Hole Location	23.28" (591.55 mm)	23.28" (591.55 mm)	23.28" (591.55 mm)	23.28" (591.55 mm)	33.78" (858.25 mm)
Optional Accessories					
1" Plexiglass Front Door	PFD35	PFD44	PFD35	PFD44	PFD44
1" Perforated Front Door	MPFD35	MPFD44	MPFD35	MPFD44	MPFD44
1" Solid Front Door	SFD35	SFD44	SFD35	SFD44	SFD44
3" Perforated Front Door	MPFD35-3	N/A	MPFD35-3	N/A	N/A
Solid Top Panel	TPS-25	TPS-25	TPS-25	TPS-25	TPS-36
Perforated Top Panel	TPP-25	TPP-25	TPP-25	TPP-25	TPP-36
Fan Panel Top	EFT-25	EFT-25	EFT-25	EFT-25	EFT-36
Caster Kit	FMARTK25	FMARTK25	FMARTK25	FMARTK25	FMARTK36
Vented Side Panels	FMA35-25LRPV	FMA44-25LRPV	FMA35-25LRPV	FMA44-25LRPV	FMA-44-36LRPV
Rear Rack Rails	FMA-RRK35	FMA-RRK44	FMA-RRK35	FMA-RRK44	FMA-RRK44

	535-25	540-25	544-25	544-30
Width (Outside)	22.3125" (567 mm)	22.3125" (567 mm)	22.3125" (567 mm)	22.3125" (567 mm)
Height (Outside)	65.5" (1664 mm)	74.25" (1886 mm)	81.25" (2024 mm)	81.25" (2024 mm)
Depth (Outside)	25.5" (348 mm)	25.5" (348 mm)	25.5" (348 mm)	30" (762 mm)
Panel Space	35 RU 61" (1556 mm)	40 RU 70 1/2" (1778 mm)	44 RU 77 1/2" (1956 mm)	44 RU 77 1/2" (1956 mm)
Usable Depth	23.81" (605 mm)	23.81" (605 mm)	23.81" (605 mm)	23.81" (605 mm)
Top Panel Opening	6 RU 10.5" (266.7 mm)	6 RU 10.5" (266.7 mm)	6 RU 10.5" (266.7 mm)	6 RU 10.5" (266.7 mm)
Optional Accessories				
1" Plexiglass Front Door	PFD35	PFD40	PFD44	PFD44
1" Perforated Front Door	MPFD35	MPFD40	MPFD44	MPFD44
1" Solid Front Door	SFD35	SFD40	SFD44	SFD44
3" Perforated Front Door	MPFD35-3	—	—	—
Solid Top Panel	SPR6	SPR6	SPR6	SPR6
Perforated Top Panel	PPR6	PPR6	PPR6	PPR6
Fan Panel Top	EFT6-4	EFT6-4	EFT6-4	EFT6-4
Caster Kit	RCK-25	RCK-25	RCK-25	RCK-30
Vented Side Panels**	SPS35-25	SPS40-25	SPS44-25	SPS44-30
Rear Rack Rails	RR35	RR40	RR44	RR44*

	735-25	740-25	744-25	744-30	744-36
Width (Outside)	22 $\frac{5}{8}$ " (567 mm)	22 $\frac{5}{8}$ " (567 mm)	22 $\frac{5}{8}$ " (567 mm)	22 $\frac{5}{8}$ " (567 mm)	22 $\frac{5}{8}$ " (567 mm)
Height (Outside)	65 $\frac{1}{2}$ " (1664 mm)	74 $\frac{1}{4}$ " (1886 mm)	81 $\frac{1}{2}$ " (2024 mm)	81 $\frac{1}{2}$ " (2024 mm)	81 $\frac{1}{2}$ " (2024 mm)
Depth (Outside)	25 $\frac{1}{2}$ " (348 mm)	25 $\frac{1}{2}$ " (348 mm)	25 $\frac{1}{2}$ " (348 mm)	30" (762 mm)	36.02" (916 mm)
Panel Space	35 RU 61" (1556 mm)	40 RU 70 $\frac{1}{4}$ " (1778 mm)	44 RU 77 $\frac{1}{2}$ " (1956 mm)	44 RU 77 $\frac{1}{2}$ " (1956 mm)	44 RU 77 $\frac{1}{2}$ " (1956 mm)
Usable Depth	23.81" (605 mm)	23.81" (605 mm)	23.81" (605 mm)	23.81" (605 mm)	34.03" (864 mm)
Top Panel Opening	12 RU 21.06" (535 mm)	12 RU 21.06" (535 mm)	12 RU 21.06" (535 mm)	14 RU 24.5" (622.3 mm)	18 RU 31.62" (803.285 mm)
Optional Accessories					
Flush Rear Door	FRD35	FRD40	FRD44	FRD44	FRD44
1" Plexiglass Front Door	PFD35	PFD40	PFD44	PFD44	PFD44
1" Perforated Front Door	MPFD35	MPFD40	MPFD44	MPFD44	MPFD44
1" Solid Front Door	SFD35	SFD40	SFD44	SFD44	SFD44
3" Perforated Front Door	MPFD35-3	—	—	—	—
Solid Top Panel	TPS-25	TPS-25	TPS-25	TPS-30	TPS-36
Perforated Top Panel	TPP-25	TPP-25	TPP-25	TPP-30	TPP-36
Fan Panel Top	EFT-25	EFT-25	EFT-25	EFT-30	EFT-36
Caster Kit	RCK-700	RCK-700	RCK-700	RCK-700	RCK-700
Vented Side Panels	SPS35-25	SPS40-25	SPS44-25	SPS44-30	SPS44-36
Rear Rack Rails	RR35	RR40	RR44	RR44*	RR44*

	121-18	124-18	135-18	140-18	144-18
Width (Outside)	22.3125" (567 mm)	22.3125" (567 mm)	22.3125" (567 mm)	22.3125" (567 mm)	22.3125" (567 mm)
Height (Outside)	41" (1041 mm)	46.25" (1175 mm)	65.5" (1664 mm)	74.25" (1886 mm)	81.25" (2024 mm)
Depth (Outside)	18.5" (470 mm)	18.5" (470 mm)	18.5" (470 mm)	18.5" (470 mm)	18.5" (470 mm)
Panel Space	21 RU 36.875"	24 RU 42.125"	35 RU 61"	40 RU 70.125"	44 RU 77.125"
Usable Depth	17" (432 mm)	17" (432 mm)	17" (432 mm)	17" (432 mm)	17" (432 mm)
Top Panel Opening					
Optional Accessories					
1" Plexiglass Front Door	PFD21	PFD24	PFD35	PFD40	PFD44
1" Perforated Front Door	MPFD21	MPFD24	MPFD35	MPFD40	MPFD44
1" Solid Front Door	SFD21	SFD24	SFD35	SFD40	SFD44
3" Perforated Front Door	—	MPFD24-3	MPFD35-3	—	—
Solid Top Panel	SPR6	SPR6	SPR6	SPR6	SPR6
Perforated Top Panel	PPR6	PPR6	PPR6	PPR6	PPR6
Fan Panel	EFT6-4	EFT6-4	EFT6-4	EFT6-4	EFT6-4
Caster Kit	CT1020-962	CT1020-962	CT1020-962	CT1020-962	CT1020-962

Specifications

	18 1/2" Depth					25 1/2" Depth					30" Depth				
	221-18	224-18	235-18	240-18	244-18	221-25	224-25	235-25	240-25	244-25	221-30	224-30	235-30	240-30	244-30
Width (Outside)	22 1/2" (567 mm)	22 1/2" (567 mm)	22 1/2" (567 mm)	22 1/2" (567 mm)	22 1/2" (567 mm)	22 1/2" (567 mm)	22 1/2" (567 mm)	22 1/2" (567 mm)	22 1/2" (567 mm)	22 1/2" (567 mm)	22 1/2" (567 mm)	22 1/2" (567 mm)	22 1/2" (567 mm)	22 1/2" (567 mm)	22 1/2" (567 mm)
Height (Outside)	41" (1041 mm)	46 1/2" (1175 mm)	65 1/2" (1664 mm)	74 1/2" (1886 mm)	81 1/2" (2024 mm)	41" (1041 mm)	46 1/2" (1175 mm)	65 1/2" (1664 mm)	74 1/2" (1886 mm)	81 1/2" (2024 mm)	41" (1041 mm)	46 1/2" (1175 mm)	65 1/2" (1664 mm)	74 1/2" (1886 mm)	81 1/2" (2024 mm)
Depth (Outside)	18 1/2" (470 mm)	18 1/2" (470 mm)	18 1/2" (470 mm)	18 1/2" (470 mm)	18 1/2" (470 mm)	25 1/2" (348 mm)	25 1/2" (348 mm)	25 1/2" (348 mm)	25 1/2" (348 mm)	25 1/2" (348 mm)	30" (762 mm)	30" (762 mm)	30" (762 mm)	30" (762 mm)	30" (762 mm)
Panel Space	21 RU 36.875"	24 RU 42.125"	35 RU 61"	40 RU 70.125"	44 RU 77.125"	21 RU 36.875"	24 RU 42.125"	35 RU 61"	40 RU 70.125"	44 RU 77.125"	21 RU 36.875"	24 RU 42.125"	35 RU 61"	40 RU 70.125"	44 RU 77.125"
Usable Depth	17" (432 mm)	17" (432 mm)	17" (432 mm)	17" (432 mm)	17" (432 mm)	24" (610 mm)	24" (610 mm)	24" (610 mm)	24" (610 mm)	24" (610 mm)	28 1/2" (725 mm)	28 1/2" (725 mm)	28 1/2" (725 mm)	28 1/2" (725 mm)	28 1/2" (725 mm)
Top Panel Opening	6 RU 10.5" 266 mm	6 RU 10.5" 266 mm	6 RU 10.5" 266 mm	6 RU 10.5" 266 mm	6 RU 10.5" 266 mm	6 RU 10.5" 266 mm	6 RU 10.5" 266 mm	6 RU 10.5" 266 mm	6 RU 10.5" 266 mm	6 RU 10.5" 266 mm	6 RU 10.5" 266 mm	6 RU 10.5" 266 mm	6 RU 10.5" 266 mm	6 RU 10.5" 266 mm	6 RU 10.5" 266 mm
Optional Accessories															
1" Plexi-glass Front Door	PFD21	PFD24	PFD35	PFD40	PFD44	PFD21	PFD24	PFD35	PFD40	PFD44	PFD21	PFD24	PFD35	PFD40	PFD44
1" Perforated Front Door	MPFD 21	MPFD 24	MPFD 35	MPFD 40	MPFD 44	MPFD 21	MPFD 24	MPFD 35	MPFD 40	MPFD 44	MPFD 21	MPFD 24	MPFD 35	MPFD 40	MPFD 44
1" Solid Front Door	SFD21	SFD24	SFD35	SFD40	SFD44	SFD21	SFD24	SFD35	SFD40	SFD44	SFD21	SFD24	SFD35	SFD40	SFD44
3" Perforated Front Door	—	MPFD 24-3	MPFD 35-3	—	—	—	MPFD 24-3	MPFD 35-3	—	—	—	MPFD 24-3	MPFD 35-3	—	—
Solid Top Panel	SPR6	SPR6	SPR6	SPR6	SPR6	SPR6	SPR6	SPR6	SPR6	SPR6	SPR6	SPR6	SPR6	SPR6	SPR6
Perforated Top Panel	PPR6	PPR6	PPR6	PPR6	PPR6	PPR6	PPR6	PPR6	PPR6	PPR6	PPR6	PPR6	PPR6	PPR6	PPR6
Fan Panel	EFT6-4	EFT6-4	EFT6-4	EFT6-4	EFT6-4	EFT6-4	EFT6-4	EFT6-4	EFT6-4	EFT6-4	EFT6-4	EFT6-4	EFT6-4	EFT6-4	EFT6-4
Caster Kit	CT1020-962	CT1020-962	CT1020-962	CT1020-962	CT1020-962	RCK-25	RCK-25	RCK-25	RCK-25	RCK-25	RCK-30	RCK-30	RCK-30	RCK-30	RCK-30
Rack Rails	RR21	RR24	RR35	RR40	RR44	RR21	RR24	RR35	RR40	RR44	RR21	RR24	RR35	RR40	RR44

	307-12	310-12	312-12	316-12	324-12	310-15	312-15	316-15	324-15	335-15
Width (Outside)	20.625" (524 mm)	20.625" (524 mm)	20.625" (524 mm)	20.625" (524 mm)	20.625" (524 mm)	20.625" (524 mm)	20.625" (524 mm)	20.625" (524 mm)	20.625" (524 mm)	20.625" (524 mm)
Height (Outside)	15.5" (393 mm)	20.5" (521 mm)	24" (610 mm)	31" (787 mm)	45" (1143 mm)	20.5" (521 mm)	24" (610 mm)	31" (787 mm)	45" (1143 mm)	64.5" (1638 mm)
Depth (Outside)	18.5" (470 mm)	18.5" (470 mm)	18.5" (470 mm)	18.5" (470 mm)	18.5" (470 mm)	21.5" (546 mm)	21.5" (546 mm)	21.5" (546 mm)	21.5" (546 mm)	21.5" (546 mm)
Panel Space	12.25" (7 RU)	17.5" (10 RU)	21" (12 RU)	28.125" (16 RU)	42.125" (24 RU)	17.5" (10 RU)	21" (12 RU)	28.125" (16 RU)	42.125" (24 RU)	61" (35 RU)
Usable Depth	12" (305 mm)	12" (305 mm)	12" (305 mm)	12" (305 mm)	12" (305 mm)	15" (381 mm)	15" (381 mm)	15" (381 mm)	15" (381 mm)	15" (381 mm)
Optional Accessories										
Support Wheel	CT31A	CT31A	CT31A	CT31A	CT31A	CT31A	CT31A	CT31A	CT31A	CT31A
Rear Rack Rails	—	RR310	RR312	RR316	RR324	RR310	RR312	RR316	RR324	RR335

	WMA10-23	WMA12-23	WMA16-23	WMA24-23	WMA35-23
Width (Outside)	21.875" (555.63 mm)	21.875" (555.63 mm)	21.875" (555.63 mm)	21.875" (555.63 mm)	21.875" (555.63 mm)
Height (Outside)	23.125" (587.38 mm)	26.625" (676.28 mm)	33.75" (857.25 mm)	47.75" (1212.85 mm)	67" (1701.8 mm)
Depth (Outside)	23.53"(597.66 mm)	23.53"(597.66 mm)	23.53"(597.66 mm)	23.53"(597.66 mm)	23.53"(597.66 mm)
Panel Space	17.5" (10 RU)	21" (12 RU)	28.125" (16 RU)	42.125" (24 RU)	61" (35 RU)
Usable Depth	18" (457.2 mm)	18" (457.2 mm)	18" (457.2 mm)	18" (457.2 mm)	18" (457.2 mm)
Top Panel Opening	3 RU 5.25" (89 mm)	3 RU 5.25" (89 mm)	3 RU 5.25" (89 mm)	3 RU 5.25" (89 mm)	3 RU 5.25" (89 mm)
Optional Accessories					
1" Plexiglass Front Door	PFD10	PFD12	PFD16	PFD24	PFD35
1" Perforated Front Door	MPFD10	MPFD12	MPFD16	MPFD24	MPFD35
1" Solid Front Door	SFD10	SFD12	SFD16	SFD24	SFD35
3" Perforated Door	MPFD10-3	MPFD12-3	MPFD16-3	MPFD24-3	MPFD35-3
Solid Top Panel	SPR3	SPR3	SPR3	SPR3	SPR3
Perforated Top Panel	PPR3	PPR3	PPR3	PPR3	PPR3
Fan Panel	EFP3-1, EFP3-2	EFP3-1, EFP3-2	EFP3-1, EFP3-2	EFP3-1, EFP3-2	EFP3-1, EFP3-2
Rear Rack Rails	WMA-RR10	WMA-RR12	WMA-RR14	WMA-RR24	WMA-RR35

Model	Rack Unit	Panel Opening	Height with Casters	Width	Depth	Optional Rear Rails	Optional Front Doors
RX14-25	14RU	24 $\frac{1}{8}$ "(622.3mm)	33 $\frac{3}{16}$ " (853mm)	22 $\frac{3}{16}$ " (567mm)	25 $\frac{1}{2}$ " (648mm)	RR14	SFD14, PFD14, MPFD14
RX14-30	14RU	24 $\frac{1}{8}$ "(622.3mm)	33 $\frac{3}{16}$ " (853mm)	22 $\frac{3}{16}$ " (567mm)	30" (762mm)	RR14	SFD14, PFD14, MPFD14
RX21-25	21RU	30 $\frac{1}{8}$ "(933.5mm)	45 $\frac{3}{16}$ " (1164mm)	22 $\frac{3}{16}$ " (567mm)	25 $\frac{1}{2}$ " (648mm)	RR21	SFD21, PFD21, MPFD21
RX21-30	21RU	30 $\frac{1}{8}$ "(933.5mm)	45 $\frac{3}{16}$ "(1164mm)	22 $\frac{3}{16}$ " (567mm)	30" (762mm)	RR21	SFD21, PFD21, MPFD21
RX14-25-SFD	14RU	24 $\frac{1}{8}$ "(622.3mm)	33 $\frac{3}{16}$ "(853mm)	22 $\frac{3}{16}$ " (567mm)	25 $\frac{1}{2}$ " (648mm)	RR14	SFD14 Included
RX14-30-SFD	14RU	24 $\frac{1}{8}$ "(622.3mm)	33 $\frac{3}{16}$ "(853mm)	22 $\frac{3}{16}$ " (567mm)	30" (762mm)	RR14	SFD14 Included
RX21-25-SFD	21RU	30 $\frac{1}{8}$ "(933.5mm)	45 $\frac{3}{16}$ "(1164mm)	22 $\frac{3}{16}$ " (567mm)	25 $\frac{1}{2}$ " (648mm)	RR21	SFD21 Included
RX21-30-SFD	21RU	30 $\frac{1}{8}$ "(933.5mm)	45 $\frac{3}{16}$ "(1164mm)	22 $\frac{3}{16}$ " (567mm)	30" (762mm)	RR21	SFD21 Included
Model	Rack Unit	Panel Opening	Cabinet			Optional Front Door	
			Width	Height	Depth		
407-15	7RU	12 $\frac{1}{8}$ "	22 $\frac{1}{8}$ "	15 $\frac{1}{2}$ "	15 $\frac{1}{8}$ "	SFD407	
410-15	10RU	17 $\frac{1}{8}$ "	22 $\frac{1}{8}$ "	20 $\frac{1}{4}$ "	15 $\frac{1}{8}$ "	SFD410	
412-15	12RU	21 $\frac{1}{8}$ "	22 $\frac{1}{8}$ "	24 $\frac{1}{4}$ "	15 $\frac{1}{8}$ "	SFD412	
414-15	14RU	24 $\frac{1}{8}$ "	22 $\frac{1}{8}$ "	27 $\frac{1}{4}$ "	15 $\frac{1}{8}$ "	SFD414	
418-15	18RU	31 $\frac{1}{8}$ "	22 $\frac{1}{8}$ "	27 $\frac{1}{4}$ "	15 $\frac{1}{8}$ "	SFD416	
Model	Overall Height	Racking Height		Overall Depth	Overall Width		
RKW12-18	22.5" (572mm)	21" (12RU) (533mm)		18" (457mm)	20.46" (520mm)		
RKW16-18	29.5" (749mm)	28" (16RU) (711mm)		18" (457mm)	20.46" (520mm)		

Specifications

Basic Frame	As Offered		With Member Removed		Height	Depth	Width		
	RU	Panel Space	RU	Panel Space					
912-18	11RU	19.25" (489mm)	12RU	21" (533 mm)	23 ³ / ₁₆ " (589 mm)	18" (457 mm)	19 ¹ / ₄ " (489 mm)		
916-18	15RU	26 ¹ / ₄ " (667mm)	16RU	28" (711mm)	30" (762mm)	18" (457mm)	19 ¹ / ₄ " (489mm)		
Stacked Frame Combinations	Total RU	Total Panel Space	Overall Height	Depth	Width				
(2) 912-18	24RU	42" (1067mm)	46 ¹ / ₂ " (1178mm)	18" (457mm)	19 ¹ / ₄ " (489mm)				
(1) 912-18, (1) 916-18	28RU	49" (1245mm)	53 ¹ / ₈ " (1351mm)	18" (457mm)	19 ¹ / ₄ " (489mm)				
(2) 916-18	32RU	56" (1422mm)	59 ¹ / ₄ " (1518mm)	18" (457mm)	19 ¹ / ₄ " (489mm)				
(3) 912-18	36RU	63" (1600mm)	69 ¹ / ₈ " (1767mm)	18" (457mm)	19 ¹ / ₄ " (489mm)				
(2) 912-18, (1) 916-18	40RU	70" (1778mm)	76 ¹ / ₄ " (1940mm)	18" (457mm)	19 ¹ / ₄ " (489mm)				
(1) 912-18, (2) 916-18	44RU	77" (1956mm)	83 ¹ / ₈ " (2113mm)	18" (457mm)	19 ¹ / ₄ " (489mm)				
Model	RU	Useable Depth	Height	Width	Depth				
AWR2W	2RU	Top RU: 20" (508mm) Bottom RU: 17.25" (438.1mm)	34" (863.6mm)	27" (685.8mm)	4.8" (121.2mm)				
AWR3W	3RU	Top Two RUs: 20" (508mm) Bottom RU: 17.25" (438.1mm)	34" (863.6mm)	27" (685.8mm)	6.55" 166.9mm)				
Model	RU	Useable Depth	Height	Width	Depth				
607-15	7RU	14 ¹ / ₄ " (375mm)	15 ¹ / ₂ " (394mm)	22 ¹ / ₈ " (563mm)	15 ¹ / ₂ " (391mm)				
Model	Material	Dimensions	Mounts (Top or Bottom Opening)						
ISOPANEL	Polymer	19" Width x 6" Height	100, 200, & 500 Series						
Series Description	1RU	2RU	3RU	4RU	5RU				
	1.75"	3.5"	5.25"	7"	8.75"				
Security Panels	SEC1	SEC2	SEC3	—	—				
Solid Economy	CB1	CB2	CB3	CB4	—				
Solid - Recessed	SPR1	SPR2	SPR3	SPR4	SPR5				
Solid - Flush	—	SPF2	—	—	—				
Perforated - Recessed	PPR1	PPR2	PPR3	PPR4	PPR5				
Perforated - Flush	—	PPF2	—	—	—				
Series Description	6RU	7RU	8RU	12RU	14RU	18RU			
	10.5"	12.25"	14"	21"	24.5"	31.5			
Security Panels	—	—	—	—	—	—			
Solid Economy	—	—	—	—	—	—			
Solid - Recessed	SPR6	SPR7	SPR8	—	—	—			
Solid - Flush	—	—	—	TPS-25	TPS-30	TPS-36			
Perforated - Recessed	PPR6	PPR7	—	—	—	—			
Perforated - Flush	—	—	—	TPP-25	TPP-30	TPP-36			
Model	Rack Unit	Panel Space	Installation Depth	Drawer Extension	Optional Rear Support Bracket				
SD2-14	2RU	3 ¹ / ₂ " (89mm)	14 ¹ / ₃₂ " (376mm)	14" (356mm)	SHRSB2				
SD3-14	3RU	5 ¹ / ₄ " (133mm)	14 ¹ / ₃₂ " (376mm)	14" (356mm)	SHRSB3				
SD4-14	4RU	7" (177.8mm)	14 ¹ / ₃₂ " (376mm)	14" (356mm)	SHRSB4				
SD6-14	6RU	10 ¹ / ₂ " (266.7mm)	14 ¹ / ₃₂ " (376mm)	14" (356mm)	—				

Model	Rack Unit	Panel Space	Width	Depth				
CD3	3RU	5¼" (133mm)	17½" (444.5mm)	5½" (134.9mm)				
Model	Description							
SH2-15	2RU 15" Deep Rack Shelf							
SH3-15	3RU 15" Deep Rack Shelf							
SH4-15	4RU 15" Deep Rack Shelf							
SH2-22	2RU 22" Deep Rack Shelf							
SH3-22	3RU 22" Deep Rack Shelf							
SH4-22	4RU 22" Deep Rack Shelf							
SHRSB2	Optional 2RU Rear Support Bracket For SH2-15 & SH2-22							
SHRSB3	Optional 3RU Rear Support Bracket For SH3-15 & SH3-22							
SHRSB4	Optional 4RU Rear Support Bracket For SH4-15 & SH4-22							
SH-CK	Optional Clamping Kit For All Models							
Model	Rack Unit	Panel Space	Width	Depth				
SH1-10	1RU	1¼" (44mm)	17½" (445mm)	10" (254mm)				
Model	Rack Unit	Panel Space	Height	Width	Depth			
WS2-12	2RU	3½" (88.9mm)	3¾" (80mm)	12" (305mm)	17½" (445mm)			
Model	Rack Unit	Panel Space	Width	Depth	Drawer Extension	Mounts		
PCD3-16-052	2RU	3½" (88.9mm)	16¾" (414mm)	16½" (419mm)	16" (406mm)	19" Width (Panel Space) Cabinets Except 300, 400, & 600 Series		
Model	UL	Rack Unit	Panel Space	Width	Depth	Mounts		
VTD1-16	1678	1RU	1¼" (44mm)	Tray: 16½" (419mm) Shelf: 16¾" (425mm)	16" (406mm)	19" Width (Panel Space) Cabinets (18½" to 25½" Depth)		
Model	Shelves	Width	Depth					
WME150-592	2	21" (533mm)	16.45" (418mm)					
Model	Height	Width	Depth	Mounts				
AS-120-592	10" (254mm)	20" (508mm)	12½" (318mm)	Wall Surface				
AS-140-592	12¾" (314mm)	20" (508mm)	17" (432mm)	Wall Surface				
Model	Description			Mounts				
RSCW100	100 Piece Black Rack Screw Bag 10-32 x ¾" w/ Captive Plastic Washer			All Cabinets				
RSCW500	500 Piece Black Rack Screw "Bag In A Box" 10-32 x ¾" w/ Captive Plastic Washer			All Cabinets				
HK-40	40 Chrome Rack Screw Bag 10-32 x 1" w/ Captive Washer			All Cabinets				
HK-40CN	40 Piece Clip-On Cage Nuts			FMA Series Top Sections Only				
Model	Length							
BBG13	13RU (22¾", 577mm)							
BBG21	21RU (36¾", 933mm)							
BBG24	24RU (42", 1067mm)							
BBG35	35RU (61¼", 1557mm)							
BBG40	40RU (70", 1778mm)							
BBG44	44RU (77", 1957mm)							
Model	Color							
SP962	Midnight Black							
SP052	Ebony Black							

Dimensions								
Model	H (Add To Rack)	Length	Width	Load Capacity	Mounts			
RCK-700	3¼" (92.25mm)	—	—	1020 lbs total (462.7 kg)	700 Series			
CT1020-962	4" (102mm)	24½" (624mm)	20¾" (529mm)	400 lbs total (181 kg)	18½" Depth 100 & 200 Series			
RCK-18	3¼" (92.25mm)	18½" (470mm)	4" (101.6mm)	1020 lbs total (462.7 kg)	18½" Deep 100 & 200 Series			
RCK-25	3¼" (92.25mm)	25½" (648mm)	4" (101.6mm)	1020 lbs total (462.7 kg)	25½" Deep 200 & 500 Series			
RCK-30	3¼" (92.25mm)	30" (762mm)	4" (101.6mm)	1020 lbs total (462.7 kg)	30" Deep 200 & 500 Series			
Model	Thread Type	Thread Length	Mounts					
LL-2	¾"-16	3" (76.2mm)	FMA, 700, 500					
Model	Mounts Cabinet Series							
RR14	RX14							
RR21	200, 500 Series, & RX21							
RR24	200 & 500 Series							
RR35	200 & 500 Series							
RR40	200 & 500 Series							
RR44	200 & 500 Series							
Model	Pullout Lights	Panel & Switch Rating	Outlets Switched	Outlets Unswitched	RU	Width	Height	Depth
ACRL-191B	None	15 amps each	6	3	1RU	19" (483mm)	1.75" (44mm)	3.75" (95mm)
ACRL-291	1 Front / 1 Rear	15 amps each	8	1	1RU	19" (483mm)	1.75" (44mm)	6.25" (157mm)
Model	Height	Width	Depth					
RWL-2	4¾" (121mm)	3¾" (81mm)	2¾" (70mm)					
Model	Rack Unit	Channels	Input Types	Meter Sensitivity	Power Requirements	Height	Width	Depth
MVXA-2016	1RU	16	Line Level (1V RMS), 25 V RMS, 70.7V RMS, 100V RMS	±30dB	6 watts 15VAC Power Supply Included	1¾" (44mm)	19" (483mm)	9½" (241mm)
Model	Rack Unit	Channels	Speaker Size	V.U. Meter	Meter Adjust	Width	Height	
MVX-193	2RU	5	3" (76mm)	YES	YES	19" (483mm)	3½" (89mm)	
MVX-195	3RU	5	4" (FC104, 102mm)	YES	YES	19" (483mm)	5¼" (133mm)	
Model	Output Channels	Channel Time Delay	Output Power	Spdt Contact	Height	Width	Depth	
SACR-191	6	Adjustable 1-10 seconds	24VDC (70 mA / ch)	2 amps @ 28VDC 0.5 amp @ 120VAC	1¾" (44mm)	19" (483mm)	4¾" (121mm)	
Model	Duplex Outlets	Outlet Ranking	Relay Rating	Relay Coil Voltage	Manual Override	Height	Width	Depth
SACS-5	5 switched, 1 unswitched	20 amps	30 amps	24VDC nominal 18VDC minimum	5 switches	37" (940mm)	2¾" (70mm)	2½" (64mm)
SACS-5F	5 switched, 1 unswitched	20 amps	30 amps	24VDC nominal 18VDC minimum	5 switches	37" (940mm)	2¾" (70mm)	2½" (64mm)
SACS-1	2 switched	20 amps	30 amps	24VDC nominal, 18VDC minimum	1 switch	6¾" (158mm)	4½" (114mm)	2½" (64mm)
SACS-1F	2 switched	20 amps	30 amps	24VDC nominal, 18VDC minimum	1 switch	6¾" (158mm)	4½" (114mm)	2½" (64mm)
Model	UL	Outlets	Outlet Rating	Power Connection	Length	Width	Depth	Mounts Cabinets
ACS-1		12 (6 Duplex)	15 Amps	6' Power Cord	36¾" (933mm)	2¾" (67mm)	1¾" (41mm)	With P.O. greater than 21RU
ACS-1A	5	12 (6 Duplex)	15 Amps	6" Pigtailed	36¾" (933mm)	2¾" (67mm)	1¾" (41mm)	With P.O. greater than 21RU
ACS-2A	5	12 (6 Duplex)	20 Amps	6" Pigtailed	36¾" (933mm)	2¾" (67mm)	1¾" (41mm)	With P.O. greater than 21RU
RAC-5		5	15 Amps	6' Power Cord	16¾" (410mm)	1½" (38mm)	2" (51mm)	24RU – 44RU: RX, 200, 500, 700, & FMA Series
RAC-5B	5	5	15 Amps	6' Power Cord	16¾" (410mm)	1½" (38mm)	2" (51mm)	24RU – 44RU: RX, 200, 500, 700, & FMA Series

Model	UL	Outlets	Outlet Rating	Power Connection	Length	Width	Depth	Mounts Cabinets		
RAC-9		9	15 Amps	6' Power Cord	24 1/2" (615mm)	1 1/2" (38mm)	2" (51mm)	24RU – 44RU: RX, 200, 500, 700, & FMA Series		
RAC-9B		9	15 Amps	6' Power Cord	24 1/2" (615mm)	1 1/2" (38mm)	2" (51mm)	24RU – 44RU: RX, 200, 500, 700, & FMA Series		
Model	RU	Panel Style	Number Of Fans	CFM	SPL dBa @ 3'	Volts	Hz	Power Amps	Watts	
EFP3-1	3RU	Flush	1	115	37dB	115VAC	60	.125	15	
EFP3-2	3RU	Flush	2	230	40dB	115VAC	60	.125	15	
FKT-1	Snap-On Re-Usable Fan Filter Kit									
Model	Panel Space	Panel Style	Height	Width	Projection	CFM	SPL dBa @ 3'	Volts AC	Power	
EFT6-4	6RU	Top Mounting	19" (483mm)	10 1/2" (254mm)	3 1/2" (89mm)	460 CFM	43dB	115VAC, 60Hz	.5 Amps @ 60 Watts	
EFT-25	12RU	Top Mounting	19" (483mm)	21" (533mm)	3 1/2" (89mm)	550 CFM	50.8dB	115VAC, 60Hz	.53 Amps @ 61 Watts	
EFT-30	14RU	Top Mounting	19" (483mm)	24 1/2" (622mm)	3 1/2" (89mm)	550 CFM	50.8dB	115VAC, 60Hz	.53 Amps @ 61 Watts	
EFT-36	16RU	Top Mounting	19" (483mm)	28" (711mm)	3 1/2" (89mm)	550 CFM	50.8dB	115VAC, 60Hz	.53 Amps @ 61 Watts	
Model	RU	Panel Space	Panel Style	Number of Fans	CFM Total	SPL dBa @ 3'	Volts	Power		
BP3	3RU	5 1/4" (133mm)	Flush	2	320 CFM	59.5dB	115VAC, 60Hz	.40 Amps @ 44 Watts		
FLT195-320	Replacement Filter									
Model	Height Span	Base Size	Tube Finish	Base Finish						
MS-10C	35"-63" (889mm – 1600mm)	10" (254mm) Diameter	Chrome	Ebony						
MS-10CE	35"-63" (889mm – 1600mm)	10" (254mm) Diameter	Ebony	Ebony						
MS-12C	34"-62" (864mm – 1675mm)	10" (254mm) Diameter	Chrome	Ebony						
MS-12CE	34"-62" (864mm – 1675mm)	10" (254mm) Diameter	Ebony	Ebony						
MS43E	25"-65" (635mm – 1651mm)	12" (305mm) Diameter	Ebony	Ebony						
MS20	37"-62 1/2" (939mm – 1588mm)	12" (305mm) Diameter	Chrome	Ebony						
MS20E	37"-62 1/2" (939mm – 1588mm)	12" (305mm) Diameter	Ebony	Ebony						
MS25	37"-62 1/2" (939mm – 1588mm)	15" (381mm) Triangular	Chrome	Ebony w/Chrome Cover						
MS25E	37"-62 1/2" (939mm – 1588mm)	15" (381mm) Triangular	Ebony	Ebony w/Chrome Cover						
Model	Tube Style	Tube Color	Stand Height	Boom Length	Storage Size	Base Spread				
TE-E	Tripod Only	Satin Ebony	37" - 65" (939mm – 1651mm)	—		33 1/4" (845mm)	28" (711mm)			
TEB-E	Tripod w// Tele Boom	Satin Ebony	37" - 65" (939mm – 1651mm)	24" - 39" (609mm – 991mm)		33 1/4" (845mm)	28" (711mm)			
Model	Tube Style	Stand Height	Boom Length	Boom Counterweight	Base Spread					
SB11WE	Two-section (E)	43" - 68" (109.2CM – 172.7CM)	60" (152.4CM)	Adj., 2 lbs	21" (53.3CM)					
SB36W(E)	Two-section (E/C)	49" - 73" (124.5CM – 185.4CM)	62" (157.5CM)	Adj., 6 lbs	21" (53.3CM)					
MODEL	HEIGHT SPAN	BASE SIZE	TUBE FINISH	BASE FINISH						
DMS7E	8" - 13" (203mm – 330mm)	10" Diameter (254mm)	Ebony	Ebony						
DMS7C	8" - 13" (203mm – 330mm)	10" Diameter (254mm)	Chrome	Ebony						
DMS10E	14 1/2" - 26 1/4" (362mm – 667mm)	10" Diameter (254mm)	Ebony	Ebony						
DMS10C	14 1/2" - 26 1/4" (362mm – 667mm)	10" Diameter (254mm)	Chrome	Ebony						

Model	Length	Tube Finish	Swivel	Counterweight		
PB11XCH	16½" – 24½" (413mm – 622mm)	Chrome Plated	Threaded ¾" -27 Female Mount	Adjustable 2 lbs		
PB11XEB	16½" – 24½" (413mm – 622mm)	Ebony Epoxy	Threaded ¾" -27 Female Mount	Adjustable 2 lbs		
PB15CH	34" (864mm)	Chrome Plated	Threaded ¾" -27 Female Mount	Adjustable 2 lbs		
PB15EB	34" (864mm)	Ebony Epoxy	Threaded ¾" -27 Female Mount	Adjustable 2 lbs		
PB21XCH	25¼" – 38½" (641mm – 978mm)	Chrome Plated	Threaded ¾" -27 Female Mount	Adjustable 2 lbs		
PB21XEB	25¼" – 38½" (641mm – 978mm)	Ebony Epoxy	Threaded ¾" -27 Female Mount	Adjustable 2 lbs		
Model	Length	Tube Finish	Swivel	Counterweight		
BE-E	24" - 39" (61CM – 99.1CM)	Satin Ebony	Threaded ¾" -27	None		
Model	Base Size	Height Span	Base Style	Tube Finish	Base Finish	
SS500E	50" Diameter (127CM)	54" -85" (137.2CM – 215.9CM)	Tripod	Satin Ebony	Satin Ebony	
Model	Base Style	Mounts Tube Size	Mounts Stand Model			
SSA7	Universal Platform Mount	1¾" Diameter (3.4CM)	SS500E			
Model	Height Span	Base Size	Base Style	Tube Finish	Base Finish	
DS2	4" (102mm)	4" Square (102mm)	Cast Zinc	Chrome	Ebony	
DS5	5" (127mm)	6" Diameter (152mm)	Cast Iron	Chrome	Ebony	
DS5E	5" (127mm)	6" Diameter (152mm)	Cast Iron	Ebony	Ebony	
DS7	8" - 13" (203mm–330mm)	6" Diameter (152mm)	Cast Iron	Chrome	Ebony	
DS7E	8" - 13" (203mm–330mm)	6" Diameter (152mm)	Cast Iron	Ebony	Ebony	
DS14	3" (76mm)	Wishbone	Cast Iron	Chrome	Ebony	
Model	Description					
AD-4B	¾" long, ¾" -27 male Running thread; brass, no plating					
AD-5B	¾" -27 female to ¾" -27 female coupling; chrome plated					
AD-6B	¾" female to ¾" -27 female coupling; chrome plated					
Model	Description					
AD-11B(E)	¾" long, ¾" -27 female flange with 1¾" base diameter; chrome or ebony (E)					
AD-12B(E)	¾" long, ¾" -27 male flange with 1¾" base diameter; chrome or ebony (E)					
AD-5B	¾" -27 male flange with base holes on 1¼" centers; chrome or ebony (E)					
Model	Description					
AD-7B	3" (76mm) long tube with ¾" - 27 male at each end; chrome plated					
AD-8B	6" (152mm) long tube with ¾" - 27 male at each end; chrome plated					
AD14B(E)	Right angle tube with ¾" - 27 male and female end; chrome plated; 4" (102mm) Height x 4" (102mm) Extension					
AD19B(E)	45° angle tube with ¾" - 27 male and female end; chrome plated; 6" (152mm) Height x 3" (76mm) Extension					
Model	Description					
MSC-K	Replacement Clutch Kit for ¾" MS & DS Series – Chrome					
MSCE-K	Replacement Clutch Kit for ¾" MS & DS Series – Ebony					
MSC	Complete Replacement Tube for MS-10C / MS-12C – Chrome					
MSCE	Complete Replacement Tube for MS-10CE / MS-12CE – Ebony					
MS2025T	Complete Replacement Tube For MS20 / MS25 – Chrome					
MS2025TE	Complete Replacement Tube for MS20E / MS25E — Ebony					
MS-20 B	Replacement base for MS20					
MS20-K	Replacement Clutch Kit for MS20 / MS25 Series – Chrome					
MS20E-K	Replacement Clutch Kit for MS20E / MS25E Series – Ebony					
MS2XTA	Replacement ¾" - ¾" Top Adapter for MS20 / MS25 – Chrome					
MS2XTAE	Replacement ¾" - ¾" Top Adapter for MS20E / MS25E – Ebony					
PBB-K	Replacement Boom Swivel Assembly for SB36 – Ebony					

Model	Description
SB36CSTR	Replacement Caster Kit for SB36W (E) – Post 2004
SB36WGHT	Replacement Counterweight for SB36W (E)
PB25WGHT	Replacement Counterweight for PB11, PB15, PB21, & SB11WE
XX4707700	Replacement Mic Swivel for SB36W (E)
LR58E-25	Replacement 5/8" Lock Rings – Ebony –25 Piece Bag
LR58C-25	Replacement 5/8" Lock Rings – Chrome –25 Piece Bag
MS1012RF-24	Replacement Feet MS10 / MS12 – Pre 2003 – 24 Piece Bag
MS12BASE	Replacement Base for MS12
XX8625000	Replacement 5/8" Phenolic Clutch Rings

Model	Speaker Size / Type	Sensitivity	Frequency Response	Dispersion	Height	Width	Depth
I8S	8" (C10A) (20.3CM)	94dB	86Hz – 9kHz	52.5°	11½" (292.1mm)	11½" (292.1mm)	4¼" (106.9mm)
I8SM	8" (C10A) (20.3CM)	94dB	86Hz – 9kHz	52.5°	11½" (292.1mm)	11½" (292.1mm)	4¼" (106.9mm)
I8SC	8" (C10A) (20.3CM)	94dB	86Hz – 9kHz	52.5°	14¾" (365.3mm)	12¼" (327.2mm)	2.99" (75.6mm)
I8SCM	8" (C10A) (20.3CM)	94dB	86Hz – 9kHz	52.5°	11½" (292.1mm)	11½" (292.1mm)	4¼" (106.9mm)
I128SYS	8" (C10A) (20.3CM)	94dB	86Hz – 9kHz	52.5°	11½" (292.1mm)	11½" (292.1mm)	4¼" (106.9mm)
IHVP	7" (APF-15)(17.78CM)	104dB	600Hz – 14kHz	90°	11½" (292.1mm)	11½" (292.1mm)	4¼" (106.9mm)

Model	Surface Mount Enclosure – Angled	Surface Mount Enclosure – Straight	Flush Mount Enclosure – Straight
I8S	SEA-I8S	SEST-I8S	FEST-I8S
I8SM	SEA-I8S	SEST-I8S	FEST-I8S
I8SC	SEA-I8SC	SEST-I8SC	FEST-I8SC
I8SCM	SEA-I8SC	SEST-I8SC	FEST-I8SC
I128SYS	—	—	—
IHVP	—	SEST-IH	FEST-IH

Specifications