



das speakers 

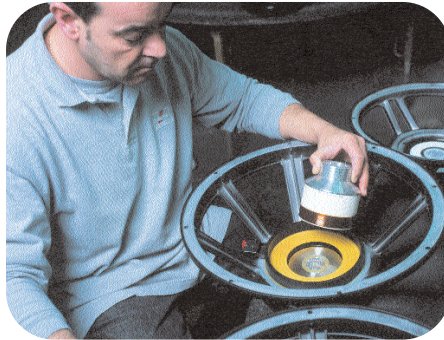


Los componentes D.A.S. se encuentran siempre allí donde la fiabilidad y la calidad del sonido son imprescindibles. En todo el mundo y en múltiples aplicaciones, el nombre de D.A.S. es sinónimo de éxito. Nuestra amplia gama de productos y la rapidez de nuestro servicio, son las principales razones que hacen que D.A.S. sea la elección de los profesionales del sonido en el mundo. Durante más de 30 años, los diseñadores de sistemas de sonido han puesto su confianza en nuestros productos, incorporándolos en sistemas que cubren la amplia gama de aplicaciones de refuerzo de sonido.

D.A.S. Speakers ofrece una gran diversidad de componentes con los cuales se pueden construir sistemas de una extensa gama de configuraciones. Los altavoces y motores de compresión incorporan los últimos avances en el diseño y fabricación de transductores. Bobinas de hilo plano, adhesivos compuestos para alta temperatura y efectivos esquemas de enfriamiento se traducen en alta eficiencia, mayor capacidad de aguante y baja compresión de potencia. Diseñados exclusivamente para ser utilizados en aplicaciones profesionales, la incesante búsqueda de la calidad ha hecho adquirir a nuestra empresa una merecida reputación por su rendimiento y fiabilidad dentro y fuera de nuestras fronteras.

D.A.S. speaker components can be found anywhere reliability and sound quality are essential. Around the world and in an amazing variety of applications, the name D.A.S. is synonymous with success. Our wide range of products and fast, dependable service play a key role in making D.A.S. the choice of professionals the world over. For more than 30 years, sound system designers have incorporated D.A.S. components in systems covering the gamut of sound reinforcement applications.

D.A.S. Speakers offers a wide range of components from which numerous system configurations can be built. The loudspeakers and compression drivers offer the latest advances in transducer design obtained through continuing research. Edge-wound coils, high temperature adhesives and carefully engineered cooling schemes evidence our commitment to continuous product improvement. Designed exclusively for use in professional applications, the endless quest for quality has earned D.A.S. an enviable reputation worldwide for performance and reliability.



S SERIES

Special Sub-Woofer Applications



18 S

15 S

- .APPLICATION: Subwoofer systems
- .High output capability
- .Low power compression
- .Edge-wound flat wire (EFW) voice coil technology
- .Controlled Air Flux (CAF) cooling design

SPECIFICATIONS

MODEL:	18 S	15 S
Service	Sub-Woofer	Sub-Woofer
Frequency Range	25 Hz-2 kHz	30 Hz-2 kHz
Sensitivity 1W/1M	98 dB	96.5 dB
Rated Impedance	8 ohms	8 ohms
Voice Coil Diameter	4" (102 mm)	4" (102 mm)
RMS Power	800 W	800 W
Program Power	1600 W	1600 W
Weight	12,2 Kg (26.8 lbs)	10,9 Kg (24 lbs)

Low Frequency Transducers

G SERIES



SPECIFICATIONS

.APPLICATION: Large-scale sound reinforcement systems, high level monitoring systems

- .High output
- .High output power handling capacity
- .Low power compression
- .Edge-wound flat wire (EFW) voice coil technology
- .Controlled Air Flux (CAF) cooling design

MODEL:	18 G	15 G	12 G
Service	High Output/ Woofer	High Output/ Woofer	High Output/ Woofer
Frequency Range	30 Hz-2 kHz	35 Hz-2 kHz	40 Hz-2 kHz
Sensitivity 1W/1M	99 dB	98 dB	96 dB
Rated Impedance	8 ohms	8 ohms	8 ohms
Voice Coil Diameter	4" (102 mm)	4" (102 mm)	4" (102 mm)
RMS Power	700 W	700 W	700 W
Program Power	1400 W	1400 W	1400 W
Weight	11,6 Kg (25.5 lbs)	10,3 Kg (22.7 lbs)	9,8 Kg (21.6 lbs)

H SERIES

Low Frequency & Bass-Mid Frequencies Transducers



SPECIFICATIONS

.APPLICATION: Sound reinforcement systems, low volume enclosures

- .High power capability
- .Low power compression
- .Edge-wound flat wire (EFW) voice coil technology
- .Controlled Air Flux (CAF) cooling design

MODEL:	18 H	15 H	15 HM	12 H	12 HM
Service	Woofers	Woofers	Bass-Mid	Woofers	Bass-Mid
Frequency Range	30 Hz-2 kHz	35 Hz-2 kHz	45 Hz-4 kHz	45 Hz-2 kHz	50 Hz-4 kHz
Sensitivity 1W/1M	97.5 dB	96.5 dB	99.5 dB	95 dB	97.5 dB
Rated Impedance	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms
Voice Coil Diameter	4" (102 mm)	4" (102 mm)	4" (102 mm)	4" (102 mm)	4" (102 mm)
RMS Power	600 W	600 W	500 W	600 W	500 W
Program Power	1200 W	1200 W	1000 W	1200 W	1000 W
Weight	10,5 Kg (23.1 lbs)	9,2 Kg (20.2 lbs)	9,1 Kg. (20 lbs)	8,7 Kg (19.1 lbs)	8,6 Kg (18.9 lbs)

Bass-Mid Frequencies Transducers

B SERIES



SPECIFICATIONS

.APPLICATION: Low volume, high power enclosures, mid-bass horn systems

.Extremely high output capability

.Low power compression

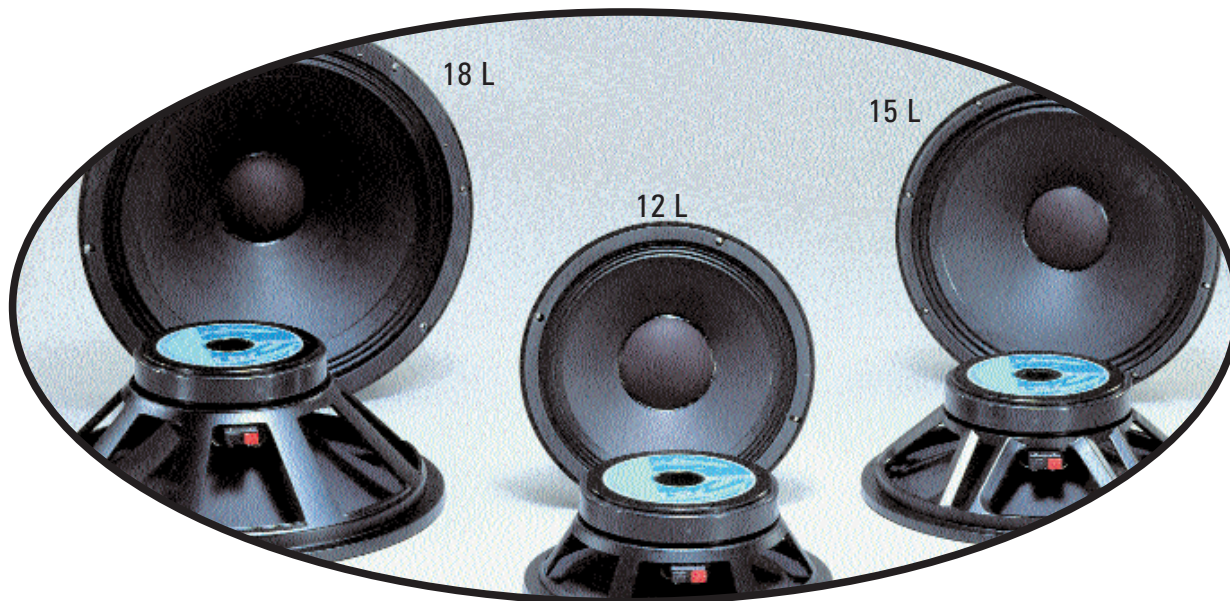
.Edge-wound flat wire (EFW) voice coil technology

.Controlled Air Flux (CAF) cooling design

MODEL:	15 B	12 B	10 B
Service	High Output/Bass-Mid	High Output/Bass-Mid	High Output/Bass-Mid
Frequency Range	45 Hz- 4 kHz	50 Hz- 5 kHz	60 Hz- 5 kHz
Sensitivity 1W/1M	101 dB	99 dB	98 dB
Rated Impedance	8 ohms	8 ohms	8 ohms
Voice Coil Diameter	4" (102 mm)	4" (102 mm)	4" (102 mm)
RMS Power	500 W	500 W	400 W
Program Power	1000 W	1000 W	800 W
Weight	10,2 Kg (22.4 lbs)	9,7 Kg (21.3 lbs)	9,4 Kg (20.7 lbs)

L SERIES

Low Frequency Transducers



SPECIFICATIONS

APPLICATION: Small systems,
stage monitor systems,
MI enclosures.

- .Port cooling design
- .Medium power capacity
- .High efficiency

MODEL:	18 L	15 L	15 LM	12 L
Service	Woofer	Woofer	Woofer	Woofer
Frequency Range	35 Hz-2 kHz	40 Hz-3 kHz	40 Hz-5 kHz	50 Hz-3 kHz
Sensitivity 1W/1M	99 dB	98 dB	100 dB	97 dB
Rated Impedance	8 ohms	8 ohms	8 ohms	8 ohms
Voice Coil Diameter	3" (77 mm)	3" (77 mm)	3" (77 mm)	3" (77 mm)
RMS Power	400 W	400 W	400 W	400 W
Program Power	800 W	800 W	800 W	800 W
Weight	9,3 Kg (21.3 lbs)	8,0 Kg (17.6 lbs)	8,0 Kg (17.6 lbs)	7,5 Kg (16.5 lbs)

Low Frequency Transducers

P SERIES



SPECIFICATIONS

.APPLICATION: Musical
Instruments systems, Stage monitor systems, Small enclosures

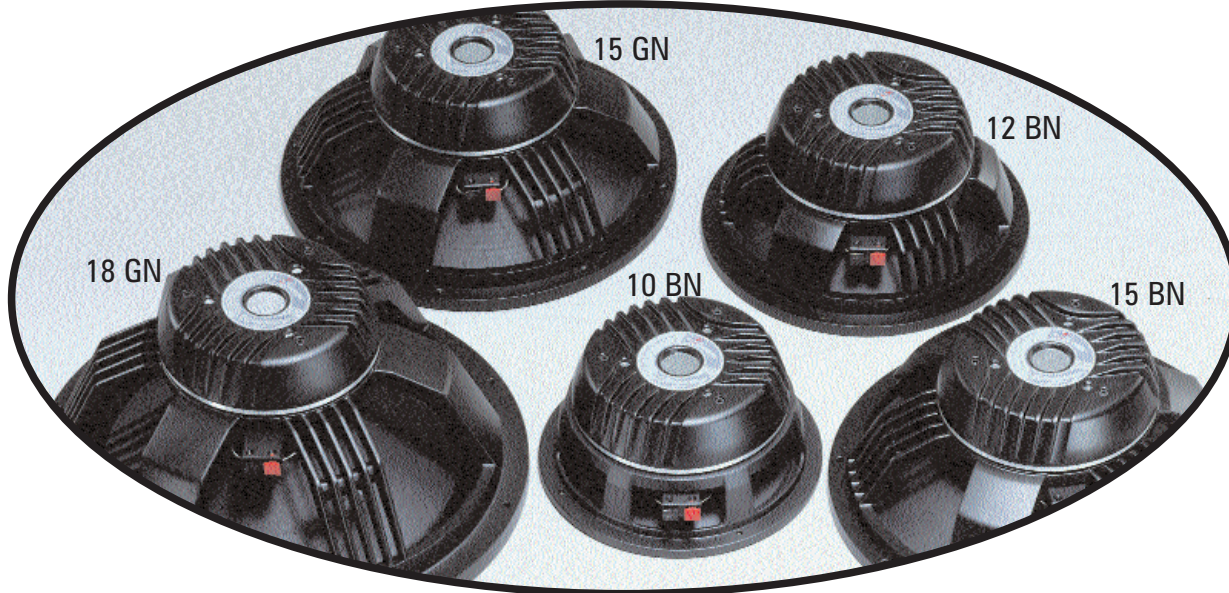
.Medium power handling capacity

.Port cooling design

MODEL:	18 P	15 P	12 P
Service	Woofers	Woofers	Woofers
Frequency Range	35 Hz-2 kHz	40 Hz-3 kHz	50 Hz-3 kHz
Sensitivity 1W/1M	97.5 dB	96.5 dB	96 dB
Rated Impedance	8 ohms	8 ohms	8 ohms
Voice Coil Diameter	3" (77 mm)	3" (77 mm)	3" (77 mm)
RMS Power	400 W	400 W	400 W
Program Power	800 W	800 W	800 W
Weight	7,3 Kg (16 lbs)	6,0 Kg (13.2 lbs)	5,5 Kg (12.1 lbs)

GN-BN SERIES

Low Frequency & Bass-Mid
High Performance Applications



APPLICATION: High Performance
Large-scale sound reinforcement
systems, high level monitoring
systems, low volume, high power
enclosures, mid-bass horn systems

- .Low weight Neodymium magnet structures
- .Total Air Flux (TAF) cooling design
- .Edge-wound flat wire (EFW) voice coil technology
- .Minimum power compression

SPECIFICATIONS

MODEL:	18 GN	15 GN	15 BN	12 BN	10 BN
Service	High-Output / Woofer	High-Output / Woofer	High-Output/BassMid	High-Output/BassMid	High Output/Mid
Frequency Range	30 Hz-2 kHz	35 Hz-2 kHz	45 Hz-4 kHz	50 Hz-5 kHz	60 Hz-5 kHz
Sensitivity 1W/1M	100 dB	98 dB	101.5 dB	99 dB	98.5 dB
Rated Impedance	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms
Voice Coil Diameter	4" (102 mm)	4" (102 mm)	4" (102 mm)	4" (102 mm)	4" (102 mm)
RMS Power	700 W	700 W	500 W	500 W	400 W
Program Power	1400 W	1400 W	1000 W	1000 W	800 W
Weight	8,7 Kg (19.1 lbs)	7,4 Kg (16.3 lbs)	7,3 Kg (16 lbs)	6,8 Kg (15 lbs)	6,6 Kg (14.5 lbs)

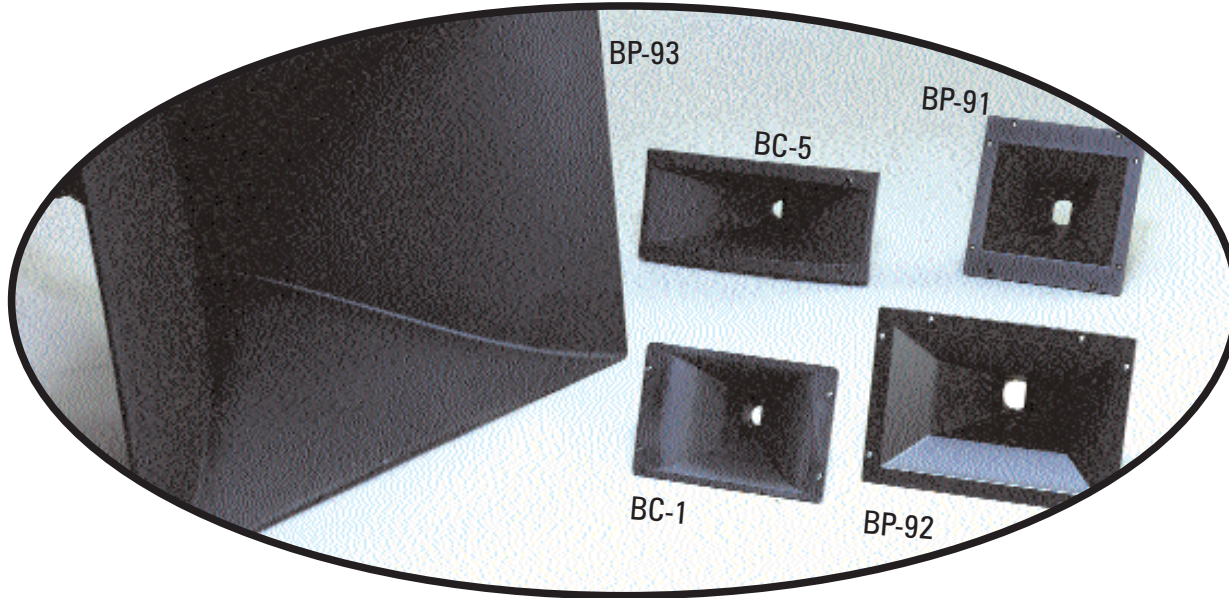
PROFESSIONAL COMPRESSION DRIVERS



SPECIFICATIONS

MODEL:	K-8	K-10	ND-8	ND-10	M-8	M-10	M-5	M-3	K-3	TR-1
Exit Geometry	2"	1.5"	2"	1.5"	2"	1.5"	1"	1"	Bullet	1"
Diaphragm Size	4"(100 mm)	4"(100 mm)	4"(100 mm)	4"(100 mm)	3"(73 mm)	3"(73 mm)	1.75"(44 mm)	1.75"(44 mm)	1.75"(44 mm)	1.75"(44 mm)
Diaphragm Material	Titanium	Titanium	Titanium	Titanium	Titanium	Titanium	Titanium	Titanium	Aluminium	Titanium
Frequency Range	500 Hz-20 kHz	500 Hz-20 kHz	500 Hz-20 kHz	500 Hz-20 kHz	800 Hz-20 kHz	800 Hz-20 kHz	1 kHz-20 kHz	1 kHz-20 kHz	4 kHz-23 kHz	2 kHz-20 kHz
Sensitivity 1W/1M	110 dB	110 dB	111 dB	111 dB	106 dB	106 dB	107 dB	107 dB	108 dB	103 dB
Nominal Impedance	16 ohms	16 ohms	16 ohms	16 ohms	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms
Program Power										
Above 1 kHz	250 W	250 W	250 W	250 W	160 W	160 W	100 W above	70 W above	40 W above	70 W above
Above							2 kHz	2 kHz	7 kHz	2 kHz
Magnet Material	Ferrite	Ferrite	Neodymium	Neodymium	Ferrite	Ferrite	Ferrite	Ferrite	Ferrite	Ferrite
Weight	9.9 Kg (21.8 lbs)	9.3 Kg (20.4 lbs)	4.8 Kg (10.6 lbs)	4.1 Kg (8.9 lbs)	5.1 Kg (11 lbs)	5.1 Kg (11 lbs)	3.2 Kg (6.9 lbs)	1.7 Kg (3.8 lbs)	2.3 Kg (5.1 lbs)	1.8 Kg (4 lbs)

COMPUTER OPTIMIZED HORNS



SPECIFICATIONS

MODEL:	BP-93	BP-92	BP-91	BC-1	BC-5
Throat Geometry	2"	1.5"	1.5"	1"	1"
Nominal Dispersion HxV	80° x 40°	90° x 60°	80° x 70°	80° x 60°	90° x 60°
Horn Material	Fiberglass	Aluminium	Aluminium	Polypropylene	Polypropylene
Cut-Off Frequency	500 Hz	600 Hz	800 Hz	700 Hz	800 Hz
Dimensions HxWxD (mm)	635x885x730 (25x34.9x28.8 in)	344x237x157 (13.8x23.7x15.7 in)	245x245x98 (9.7x9.7x3.8 in)	179x268x148 (7.1x10.6x9.0 in)	170x365x195 (6.7x14.3x7.6 in)

NOTES

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