

**BAJA Y MEDIA  
FRECUENCIA**  
**LOW & MID  
FREQUENCY**

MODEL	15MWnd	SM115/N	12SW1300Nd	12P1000Nd
DIAMETER (inches)	15	15	12	12
POWER (WAES)	400	400	1300	900
SENSITIVITY (dB 2.83v)	99	98	96	96
COIL DIAMETER	2,5	3	4	4
Fs (Hz)	42	29	45	47
Vas (liter)	176	430	45	49
Qts	0,38	0,31	0,26	0,26
Xmax (mm)	6,5	5,5	10	8
FREQUENCY RANGE (Hz)	30-3500	30-2000	25-1800	30-2500
MAGNET	Nd	Ferr	Nd	Nd
WEIGHT (Kg)	3,6	6,5	7,2	5,4

MODEL	12P80Nd	12LX60V2	12G40	12MI100	12LW30/N
DIAMETER (inches)	12	12	12	12	12
POWER (WAES)	700	700	500	450	450
SENSITIVITY (dB 2.83v)	101	96	97	100	96
COIL DIAMETER	3	4	3	3	3
Fs (Hz)	45	49	44	58	38
Vas (liter)	95,7	43,12	81	64	109
Qts	0,15	0,36	0,3	0,22	0,29
Xmax (mm)	7,5	9	5	2	5
FREQUENCY RANGE (Hz)	25-4000	35-2000	35-4000	40-4000	35-5000
MAGNET	Nd	Ferr	Ferr	Ferr	Nd
WEIGHT (Kg)	5,6	9,7	7,1	7,2	3,83

MODEL	SM112/N	SM212	12MWnd	12B100/R	12BR70
DIAMETER (inches)	12	12	12	12	12
POWER (WAES)	400	350	350	150	125
SENSITIVITY (dB 2.83v)	97	98	97	93.6	94.5
COIL DIAMETER	3	2,5	2,5	4	2
Fs (Hz)	38	40	43	29	35
Vas (liter)	138	150	100	154	135
Qts	0,27	0,38	0,32	0,3	0,36
Xmax (mm)	5,5	7,5	6	3	6
FREQUENCY RANGE (Hz)	35-6000	45-6000	35-5000	25-4000	25-4000
MAGNET	Ferr	Ferr	Nd	Ferr	Ferr
WEIGHT (Kg)	5,65	4,6	3,3	7,4	3,55

MODEL	10LW30/N	10G40	10MI100	10MWnd	SM110/N
DIAMETER (inches)	10	10	10	10	10
POWER (WAES)	450	400	350	350	200
SENSITIVITY (dB 2.83v)	94	96	101	95	95
COIL DIAMETER	3	3	3	2,5	2
Fs (Hz)	38	55	89	49	43
Vas (liter)	56	33	20	40,7	65
Qts	0,23	0,31	0,25	0,32	0,35
Xmax (mm)	5	6	2	7,5	4
FREQUENCY RANGE (Hz)	35-3500	45-4000	70-4000	45-5000	45-6500
MAGNET	Nd	Ferr	Nd	Ferr	Ferr
WEIGHT (Kg)	3,75	5,7	7,1	3,1	3,5

MODEL	10BR60	8P300Fe	8MI100	8LW30	8G40
DIAMETER (inches)	10	8	8	8	8
POWER (WAES)	100	200	250	250	250
SENSITIVITY (dB 2.83v)	91.5	95,4	98	95	95
COIL DIAMETER	2	2,5	2	2,5	2,5
Fs (Hz)	42	61	100	70	70
Vas (liter)	0,47	21,5	17	16	17
Qts	0,47	0,335	0,388	0,37	0,36
Xmax (mm)	6	1	6	4,5	4,5
FREQUENCY RANGE (Hz)	30-5000	70-2000	150-7000	65-6000	65-6000
MAGNET	Ferr	Ferr	Nd	Ferr	Ferr
WEIGHT (Kg)	2,9	4,02	3,1	2,35	3,3



beyond making sound  
Since 1969

**beyma**

www.beyma.com

0433136: MARCH 2011

# CATALOGUE 2011

**beyma**

PROFESSIONAL LOUDSPEAKERS

**BAJA Y MEDIA  
FRECUENCIA**  
**LOW & MID  
FREQUENCY**

MODEL	21SW1600Nd	18SW1600Nd	18P1200Nd/N	18P1000Nd
DIAMETER (inches)	21	18	18	18
POWER (WAES)	1600	1600	1200	1000
SENSITIVITY (dB 2.83v)	98	97	98	98
COIL DIAMETER	5	5	4	4
Fs (Hz)	33	32	37	40
Vas (liter)	268	205,7	198	178
Qts	0,38	0,33	0,34	0,41
Xmax (mm)	9	9,5	10	9,5
FREQUENCY RANGE (Hz)	25-1200	25-1800	25-2000	25-2000
MAGNET	Nd	Nd	Nd	Nd
WEIGHT (Kg)	14,9	11,4	8,5	7

MODEL	18P1000Fe	18G550	18P80Nd	18LX60V2
DIAMETER (inches)	18	18	18	18
POWER (WAES)	1000	900	800	700
SENSITIVITY (dB 2.83v)	98	98	100	98
COIL DIAMETER	4	4,5	4	4
Fs (Hz)	40	36	30	35
Vas (liter)	163,2	210	411	236,52
Qts	0,39	0,37	0,29	0,476
Xmax (mm)	8	9	7,5	9
FREQUENCY RANGE (Hz)	25-2000	25-1500	25-4000	25-1000
MAGNET	Ferr	Ferr	Nd	Ferr
WEIGHT (Kg)	12,9	12,6	7	11,7

MODEL	18G40	SM118/N	15SW1300Nd	15P1200Nd/N
DIAMETER (inches)	18	18	15	15
POWER (WAES)	700	400	1300	1200
SENSITIVITY (dB 2.83v)	97	97	97	97
COIL DIAMETER	4	3	4	4
Fs (Hz)	32	36	44	42
Vas (liter)	323	300	89,6	84,7
Qts	0,41	0,49	0,36	0,31
Xmax (mm)	7	5,5	10	9,5
FREQUENCY RANGE (Hz)	25-1500	30-3000	25-1800	30-2000
MAGNET	Ferr	Ferr	Nd	Nd
WEIGHT (Kg)	11,5	7	7,7	7,7

MODEL	15P1000Nd	15P1000Fe	15P80Nd	15G450/N
DIAMETER (inches)	15	15	15	15
POWER (WAES)	1000	1000	800	750
SENSITIVITY (dB 2.83v)	97	97	100	98
COIL DIAMETER	4	4	4	4,5
Fs (Hz)	45	45	35	45
Vas (liter)	88	85,9	217	115
Qts	0,34	0,37	0,21	0,32
Xmax (mm)	8	8	7,5	6,5
FREQUENCY RANGE (Hz)	30-2000	30-2000	30-5000	30-1500
MAGNET	Nd	Ferr	Nd	Ferr
WEIGHT (Kg)	5,9	12,1	3,6	11,5

MODEL	15LX60V2	15G40	15LW30	SM115/K	15MI100
DIAMETER (inches)	15	15	15	15	15
POWER (WAES)	700	700	500	500	450
SENSITIVITY (dB 2.83v)	98	97	99	98	101
COIL DIAMETER	4	4	3	4	3
Fs (Hz)	42	37	32	27	48
Vas (liter)	105,53	149	325	345	166
Qts	0,44	0,3	0,28	0,28	0,28
Xmax (mm)	9	7	7	7,5	7,5
FREQUENCY RANGE (Hz)	30-1500	25-1500	35-4000	25-2000	30-4000
MAGNET	Ferr	Ferr	Nd	Ferr	Ferr
WEIGHT (Kg)	10,2	10,4	4,47	10,2	7,8

**BAJA Y MEDIA FRECUENCIA**  
**LOW & MID FREQUENCY**

MODEL	SM108	8M70 V2	8WOOFER/P V2	8BR40/N	6MI100
DIAMETER (inches)	8	8	8	8	6
POWER (WAES)	150	90 RMS	50 RMS	50 RMS	250
SENSITIVITY (dB 2.83v)	95	95	90	90	97
COIL DIAMETER	2	1,5	1	1	2
Fs (Hz)	69	90	35	33,2	100
Vas (liter)	16	10,54	59	61,35	5
Qts	0,37	0,62	0,50	0,57	0,502
Xmax (mm)	4	1	4,5	4,5	1
FREQUENCY RANGE (Hz)	65-6000	120-9000	30-6500	35-6000	150-6000
MAGNET	Ferr	Ferr	Ferr	Ferr	Ferr
WEIGHT (Kg)	3,1	2,33	1,3	1,36	2,2



MODEL	6P200Fe	6P200Nd	6G40Nd	605Nd	6MI90
DIAMETER (inches)	6	6	6	6	6
POWER (WAES)	200	200	170	125	125
SENSITIVITY (dB 2.83v)	92,7	92	95	100	98
COIL DIAMETER	2	2	2	1,5	1,5
Fs (Hz)	65	56	88	150	120
Vas (liter)	9,13	11,9	7,2	3	7
Qts	0,31	0,29	0,33	0,31	0,44
Xmax (mm)	5,5	5,5	5,5	5,5	5,5
FREQUENCY RANGE (Hz)	60-9000	60-9000	70-9000	150-8000	150-8000
MAGNET	Ferr	Nd	Nd	Nd	Ferr
WEIGHT (Kg)	3,2	1,9	1,7	1,5	2,2



MODEL	6B30/P	5P200Fe	5G40Nd	SMP60/N	5M30
DIAMETER (inches)	6	5	5	5	5
POWER (WAES)	50	200	100	50	50
SENSITIVITY (dB 2.83v)	90	92,4	93	91	91
COIL DIAMETER	1	1,5	1	1	1
Fs (Hz)	55	73	110	60	85
Vas (liter)	18	5,6	3,1	9,8	6
Qts	0,62	0,293	0,31	0,29	0,61
Xmax (mm)	4	5,5	1	4	4
FREQUENCY RANGE (Hz)	50-12000	80-2000	90-17000	50-12000	60-12000
MAGNET	Ferr	Ferr	Nd	Ferr	Ferr
WEIGHT (Kg)	1,25	2,2	1,3	1,2	1,09



MODEL	15XA400Nd	15XA38Nd	15KX	12XA400Nd
DIAMETER (inches)	15	15	15	12
POWER (WAES)	400/90	350/90	300/100	400/90
SENSITIVITY (dB 2.83v)	98/105	99/105	99/105	98/105
COIL DIAMETER	4/2,87	4/2,87	3/2,8	4/2
Fs (Hz)	40	33	45	45
FREQUENCY RANGE (Hz)	50-20000	25-35000/0,5k-20k	25-3000/0,8k-17k	50-20000
MAGNET	Nd	Nd	Ferr	Nd
WEIGHT (Kg)	6,8	6,8	8,25	6,33



MODEL	12XA30Nd	12KX	10XC25	8CX300Nd
DIAMETER (inches)	12	12	10	8
POWER (WAES)	350/90	300/100	250/40	300/40
SENSITIVITY (dB 2.83v)	98/105	98/105	98/105	98/102
COIL DIAMETER	4/2,87	3/2,8	2,5/1,75	2,5/1,75
Fs (Hz)	35	45	53	47
FREQUENCY RANGE (Hz)	35-4000/0,5k-20k	35-3000/0,8k-17k	55-8000/0,7k-20k	40-20000
MAGNET	Nd	Ferr	Ferr/Nd	Ferr
WEIGHT (Kg)	6,3	7,85	5,1	2,6

**COAXIALES**  
**COAXIALS**

MODEL	8XC20	8BX/N	6CX200Nd	5CX200Nd
DIAMETER (inches)	8	8	6	5
POWER (WAES)	170/40	100/20	200/40	150/40
SENSITIVITY (dB 2.83v)	98/105	92/102	92/102	92,5/102
COIL DIAMETER	2	2,1,75	2,1,75	1,5/1,75
Fs (Hz)	75	57	65	89,1
FREQUENCY RANGE (Hz)	65-7000/0,7k-20k	60-20000	60-20000	60-20000
MAGNET	Ferr/Nd	Ferr	Nd	Nd
WEIGHT (Kg)	3,7	2,9	1,9	1,85



MODEL	CP850Nd	CP800/Ti	CP750Nd	CP750/Ti	SMC60
THROAT DIAMETER (inches)	2	2	2	2	2
POWER (WAES)	65(0,5-1,5kHz)/130(>1,5kHz)	65(0,5-1,5kHz)/130(>1,5kHz)	60(0,8-1,5kHz)/80(>1,5kHz)	70(0,8-1,5kHz)/90(>1,5kHz)	60(0,8-1,5kHz)/80(>1,5kHz)
SENSITIVITY (dB 2.83v)	112	112	112	110	109
COIL DIAMETER (inches)	4	4	2,87	2,87	2,87
DIAPHRAGM MATERIAL	Titanium	Titanium	Composite (Titanium/polyester)	Composite (Titanium/polyester)	Composite (Titanium/polyester)
XOVER (12dB/oct)	>500Hz	>500Hz	>800Hz	>800Hz	>800Hz
FREQUENCY RANGE (Hz)	0,5k-20k	0,5k-20k	0,6k-20k	0,6k-20k	0,5k-18k
MAGNET	Nd	Ferr	Nd	Ferr	Ferr
WEIGHT (Kg)	4,4	10,3	3,5	7,05	4,5



MODEL	CP855Nd	CP755Nd	CP755Nd/Al	CP755/Ti	SMC65
THROAT DIAMETER (inches)	1,4	1,4	1,4	1,4	1,4
POWER (WAES)	100(>500 Hz)/150 (> 1,2 kHz)	60(0,8-1,5kHz)/80(>1,5kHz)	60(0,8-1,5kHz)/80(>1,5kHz)	70(0,8-1,5kHz)/90(>1,5kHz)	50(0,8-1,5kHz)/70(>1,5kHz)
SENSITIVITY (dB 2.83v)	112	112	112	110	107
COIL DIAMETER (inches)	4	2,87	2,87	2,87	2,87
DIAPHRAGM MATERIAL	Titanium	Composite (Titanium/polyester)	Composite (aluminum/polyester)	Composite (Titanium/polyester)	Composite (Titanium/polyester)
XOVER (12dB/oct)	>500Hz	>800Hz	>800Hz	>800Hz	>800Hz
FREQUENCY RANGE (Hz)	0,5k-20k	0,6k-20k	0,6k-20k	0,6k-20k	0,7k-18k
MAGNET	Nd	Nd	Nd	Ferr	Ferr
WEIGHT (Kg)	4,3	2,96	2,96	6,75	4,2



MODEL	SMC65Nd	CD1014Nd	CP380/M	CP385Nd	SMC1050/N
THROAT DIAMETER (inches)	1,4	1,4	1	1	1
POWER (WAES)	50(0,8-1,5kHz)/70(>1,5kHz)	70	50(1,2-2kHz)/70(>2kHz)	40(1,2-2kHz)/60(>2kHz)	40(1,2-2kHz)/60(>2kHz)
SENSITIVITY (dB 2.83v)	108	110	107	107	108
COIL DIAMETER (inches)	2,87	1,75	1,75	1,75	1,75
DIAPHRAGM MATERIAL	Composite (Titanium/polyester)	PM4	Polyester	Polyester	Polyester
XOVER (12dB/oct)	>800Hz	>1,2kHz	>1,2kHz	>1,2kHz	>1,2kHz
FREQUENCY RANGE (Hz)	0,6k-20k	0,7k-19k	0,8k-20k	0,8k-20k	0,8k-18k
MAGNET	Nd	Nd	Ferr	Ferr	Ferr
WEIGHT (Kg)	2,2	1,9	3,25	1,35	2,2



MODEL	SMC225Nd	SMC280/ST	SMC8060	CD10Nd	CD10Fe
THROAT DIAMETER (inches)	1	1	80x60°	1	1
POWER (WAES)	40	50	50	70	70
SENSITIVITY (dB 2.83v)	108	105	107	111	109
COIL DIAMETER (inches)	1,75	1,75	1,75	1,75	1,75
DIAPHRAGM MATERIAL	Polyester	Polyester	Polyester	PM4	PM4
XOVER (12dB/oct)	>1,5kHz	>1,5kHz	>1,5kHz	>1,2kHz	>1,2kHz
FREQUENCY RANGE (Hz)	0,8k-20k	0,8k-18k	0,8k-18k	0,7k-19k	0,7k-19k
MAGNET	Nd	Ferr	Nd	Ferr	Ferr
WEIGHT (Kg)	0,7	1,3	1,5	1,2	1,3

**MOTORES CON GUÍA DE ONDAS**  
**COMPRESSION DRIVERS WITH WAVES GUIDE**

MODEL	WL5	WL4	WL3
DIAMETER (inches)	1,4	0,8	0,8
POWER (WAES)	50(0,8-1,5kHz)/70(>1,5kHz)	40	40
SENSITIVITY (dB 2.83v)	108	105	105
COIL DIAMETER	2,87	1,75	1,75
Fs (Hz)	>800	>1500	>1500
FREQUENCY RANGE (Hz)	0,6k-20k	0,7k-20k	0,7k-20k
MAGNET	Nd	Nd	Nd
WEIGHT (Kg)	5,65	2,6	2,4



**TWEETERS DIAFRAGMA PLEGADO**  
**PLEATED DIAPHRAGM TWEETERS**

MODEL	TPL150/H	TPL150
POWER (WAES)	80	80
SENSITIVITY (dB 2.83v)	102	99
XOVER (12dB/oct)	>1kHz	>1kHz
DIAPHRAGM MATERIAL	Kapton	Kapton
FREQUENCY RANGE (Hz)	0,7k-23k	1k-23k
MAGNET	Nd	Nd
WEIGHT (Kg)	3,68	2,18



**TWEETERS DE COMPRESIÓN**  
**COMPRESSION TWEETERS**

MODEL	CP22	CP21/F	CP25	CP12/N	CP16	CP09
DIAMETER (inches)	40° conical	140x40°	100x60°	40° conical	40° conical	90x60°
POWER (WAES)	25	25	25	15	15	15
SENSITIVITY (dB 2.83v)	107	105	104	107	105	104
COIL DIAMETER	1,5	1,5	1,5	1	1	1
Fs (Hz)	5k	5k	5k	6k	6k	6k
FREQUENCY RANGE (Hz)	4k-20k	3,5k-20k	2,5k-20k	3k-20k	3k-20k	2k-20k
MAGNET	Ferr	Ferr	Ferr	Ferr	Ferr	Ferr
WEIGHT (Kg)	1,6	1,7	1,7	0,75	0,76	0,75



**TWEETERS DE CÚPULA**  
**DOM TWEETERS**

MODEL	MC115	T2010	T2030	SMC2012/N
THROAT DIAMETER (inches)	120°	80°	60°	50x35°
POWER (WAES)	25	12	15	15
SENSITIVITY (dB 2.83v)	91	92	95	101
COIL DIAMETER (inches)	1,75	1	1,75	1
XOVER (12dB/oct)	800	2k	2k	1,5k
FREQUENCY RANGE (Hz)	600-12,5k	1,5k-20k	1,5k-20k	1k-20k
MAGNET	Ferr	Ferr	Ferr	Nd
WEIGHT (Kg)	1,325	0,6	0,7	0,5



**AMPLIA GAMA**  
**FULL RANGE**

MODEL	12GA50	10AG/N	8AG/N	5B30CX
DIAMETER (inches)	12	10	8	5
POWER (WAES)	250	100	35	25
SENSITIVITY (dB 2.83v)	102	97	96	86
FREQUENCY RANGE (Hz)	70-18000	60-17k	60-18k	55-20000
MAGNET	Ferr	Ferr	Ferr	Ferr
WEIGHT (Kg)	3,55	1,55	1,5	0,72



**BOCINAS**  
**HORNS**

MODEL	TD590	TD460/N	TD595	TD385
THROAT DIAMETER (inches)	2	2	1,4	1,4
DISP HxV	90X40°	60X40°	90X40°	80X50°
MATERIAL	Rigid Polyurethane Foam	Rigid Polyurethane Foam	Rigid Polyurethane Foam	Aluminum
XOVER (12dB/oct)	800	800	800	800
WEIGHT (Kg)	1,2	2	1,2	1,2



MODEL	TD365	TDWL4	TD194	TD164
THROAT DIAMETER (inches)	1,4	0,47 x 8,19	1	1
DISP HxV	60X50°	90 x 20°	90 x 40°	60 x 40°
MATERIAL	Aluminum	Aluminum	Aluminum	Aluminum
XOVER (12dB/oct)	800	800	1,2k	1,2k
WEIGHT (Kg)	1,2	1,5	1	1



**FILTROS PASIVOS**  
**PASSIVE FILTERS**

MODEL	FD350	F300	3V HIFI	FD2XC1	FD250	FD2XC2	FD2XA
TYPE	3 WAY	3 WAY	3 WAY	2 WAY	2 WAY	2 WAY	2 WAY
POWER (W RMS)	600	300	300	600	600	600	600
XOVER/CUT OFF FREQ.	2 / 7 kHz	800 / 5000 Hz	800 / 5000 Hz	2,2 kHz	2 kHz	2 kHz	1,8 kHz
ATTENUATION SLOPE (LF/HF)	12 dB/Oct	12 dB/Oct	12-12-6 dB/Oct	12 dB/Oct	12 dB/Oct	12 dB/Oct	12 dB/Oct
EQUALIZATION	-3 dB @ 3,5 kHz	0	0	0	-3 dB @ 3,5 kHz	0	0
HF ATTENUATION	0, -6 dB (MF & HF)	0	0	0, -1,5 dB	0, -3, -6, -7,		