



<h1>B17</h1>	<h2>BASS - 17cm / 6.5"</h2>										
	Speaker type	B171-8	B171-16	B171-8	B171-16	B171-16	B171-4	B171-8	B171-8	B171-16	B172-8
Reference	1180	1190	1220	1230	1290	1320	1330	1360	1370	1620	

TYPICAL CHARACTERISTICS

Rated impedance	Z	Ω	8	16	8	16	16	4	8	8	16	8
Half space sensitivity (1W@1m)	-	dB SPL	94	94	93	93	94	93	94	93	93	94
Usable freq. range	-	Hz	50-4000	50-4000	50-4000	50-4000	50-4000	40-4000	50-4000	40-4000	40-4000	70-4000
Power handling capacity (AES)	-	W	100	100	100	100	100	100	100	100	100	130
Max Sound Pressure Level	SPLmax	dB SPL	110	110	109	109	110	109	110	109	109	111
Min. impedance modulus	Zmin	Ω@Hz	6,6@370	13,6@370	6,6 @ 360	13,5@360	14,2@330	3,6@380	6,6@370	6,6 @ 360	13,6 @ 370	5,8@550
Voice-coil inductance @ 1kHz	Le _{1k}	mH	0,61	1,27	0,64	1,33	1,36	0,33	0,72	0,64	1,27	0,52
Voice-coil inductance @ 10kHz	Le _{10k}	mH	0,23	0,45	0,23	0,46	0,50	0,12	0,31	0,23	0,45	0,26
BL product	BL	N/A	8,80	11,90	8,30	11,90	13,10	8,10	10,50	8,80	11,90	9,80
Moving mass	Mms	kg	0,011	0,011	0,012	0,012	0,012	0,012	0,012	0,012	0,012	0,0117

THIELE-SMALL PARAMETERS: TYPICAL (QC LIMITS)

Resonance frequency	Fs	Hz	55(±7)	55(±7)	45(±6)	45(±6)	53(±8)	40(±5)	53(±8)	40(±5)	40(±5)	55(±8)
DC Resistance	Re	Ω	6.1(±0.6)	12.1(±1.2)	6.1(±0.6)	12.1(±1.2)	12.1(±1.2)	3.3(±0.3)	6.1(±0.6)	6.1(±0.6)	12.1(±1.2)	5.4(±0.5)
Mechanical quality factor	Qms	1	3,5	3,5	3,1	3,1	3,6	3,2	3,6	3,2	3,2	2,9
Electrical quality factor	Qes	1	0,30	0,33	0,27	0,29	0,29	0,15	0,22	0,24	0,26	0,23
Total quality factor	Qts	1	0,28	0,30	0,25	0,27	0,26	0,14	0,21	0,22	0,24	0,21
Mechanical suspension compliance	Cms	10 ⁻⁶ .m/N	750	750	1000	1000	750	1300	750	1300	750	716
Effective piston area	Sd	m ²	0,0143	0,0143	0,0143	0,0143	0,0143	0,0143	0,0143	0,0143	0,0143	0,0143
Equivalent Cas air load	Vas	m ³	0,022	0,022	0,030	0,030	0,022	0,038	0,022	0,038	0,038	0,021
Max linear excursion	Xmax	±mm	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	2,5
Linear displacement volume	Vd	10 ⁻³ .m ³	0,050	0,050	0,050	0,050	0,050	0,050	0,050	0,050	0,050	0,036
Reference efficiency	η ₀	%	1,2	1,1	1,0	0,9	1,1	1,5	1,4	1,0	1,0	1,5
Unity load volume	Vas.Qts ²	10 ⁻³ .m ³	1,7	1,9	1,8	2,1	1,5	0,8	0,9	2,2	2,1	0,91

ABSOLUTE MAXIMUM RATINGS

Short term max. input voltage	Vmax	V	60	85	60	85	85	45	60	60	85	70
Max excursion before damage	Xdam	±mm	8	8	8	8	8	8	8	8	8	8
Ambient operating temperature	Ta	°C	-10 to +50	-10 to +50	-10 to +50	-10 to +50	-10 to +50	-10 to +50	-10 to +50	-10 to +50	-10 to +50	-10 to +50
Storage temperature	-	°C	-20 to +70	-20 to +70	-20 to +70	-20 to +70	-20 to +70	-20 to +70	-20 to +70	-20 to +70	-20 to +70	-20 to +70
Environmental withstanding *	-	-	Outdoor	Outdoor	Outdoor ✦	Outdoor ✦	Outdoor	Outdoor ✦	Outdoor	Outdoor ✦	Outdoor ✦	Outdoor ✦

APPLICATION INFORMATION

Air volume occupied by the driver	-	10 ⁻³ .m ³	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,64
Speaker net mass	-	kg	2,15	2,15	2,15	2,15	2,15	2,15	2,15	2,15	2,15	2,6
Recommended reflex box	Vb/Fb	Lts/Hz	12L / 70Hz	12L / 70Hz	15 L / 45Hz	15L / 45Hz	12L / 65Hz	15L / 45Hz	12L / 65Hz	15 L / 45Hz	15 L / 45Hz	8L / 80Hz

* Our products are classified in three categories : **Indoor**, **Outdoor**, and **Outdoor ✦** for permanent outdoor use or severe conditions.

upgrade : 25/02/2000

These specifications are representative of current production after packaging. Because of our continuous research they are subject to change without notice.