

SPECIFICATION SHEET

Speaker type:		B171-8	
Model number:	SP	1360	
Upgrade		0	
Cooling system :		Natural convection cooling	

Half space sensitivity (1W@1m)				Natural convection cooling
Rated impedance Z	Typical characteristics			
Jasable freq. range - Hz	Rated impedance	Z	Ω	8
Power handling capacity (AES) W 100	Half space sensitivity (1W@1m)	-	dB SPL	93
Power handling capacity (AES) W 100	Usable freq. range	-	Hz	40-4000
Min. impedance modulus	Power handling capacity (AES)	-	W	100
Voice-coll inductance @ 1kHz	Max Sound Pressure Level	SPLmax	dB SPL	109
Voice-coil inductance @ 10kHz	Min. impedance modulus	Zmin	Ω@Hz	6.6 @ 360
Voice-coil inductance	Voice-coil inductance @ 1kHz	Le _{1k}	mH	0.64
BL N/A 8.8 Moving mass Mms kg 0.012 Mms kg 0.014 Mms kg 0.02 Mms 1 0.22 Mms 1 0.22 Mms 1 0.22 Mms 1 0.22 Mms 1 0.02 Mms 1 0.02 Mms 1 0.02 Mms 1 0.014 Mms	Voice-coil inductance @ 10kHz		mH	0.23
Thiele-Small parameters: Typical (QC limits)	BL product		N/A	8.8
Resonance frequency Fs Hz 40(±5) DC Resistance Re Ω 6.1(±0.6) Mechanical quality factor Qms 1 3.2 Electrical quality factor Qes 1 0.24 Total quality factor Qts 1 0.22 Mechanical suspension compliance Cms 10° m/N 1300 Effective piston area Sd m² 0.0143 Equivalent Cas air load Vas m³ 0.038 Max linear excursion Xmax ±mm 3.5 Linear displacement volume Vd 10° m³ 0.050 Reference efficiency 10° % 1 1 Unity load volume Vas.Qts² 10°3.m³ 2.2 Absolute maximum ratings Short term max. input voltage Vmax V 60 Max.excursion before damage Xdam ±mm 8 Ambient operating temperature Ta °C -10 to +50 Storage temperature - °C -20 to +70 Environ	Moving mass	Mms	kg	0.012
DC Resistance Re Ω 6.1(±0.6) Mechanical quality factor Qms 1 3.2 Electrical quality factor Qes 1 0.24 I of Judicial quality factor Qts 1 0.22 Mechanical suspension compliance Cms 10°-m/N 1300 Effective piston area Sd m² 0.0143 Equivalent Cas air load Vas m³ 0.038 Max linear excursion Xmax ±mm 3.5 Linear displacement volume Vd 10°-m³ 0.050 Reference efficiency η₀ % 1 Unity load volume Vas.Qts² 10°-3.m³ 0.050 Reference efficiency η₀ % 1 Absolute maximum ratings Vas.Qts² 10°-3.m³ 0.22 Max.excursion before damage Xdam ±mm 8 Ambient operating temperature Ta °C -10 to +50 Storage temperature Ta °C -20 to +70 Environemental withs	Thiele-Small parameters: Typical (QC limits)			
Mechanical quality factor Qms 1 3.2	Resonance frequency	Fs	Hz	40(±5)
Company	DC Resistance	Re	Ω	6.1(±0.6)
Total quality factor Qts 1 0.22	Mechanical quality factor	Qms	1	3.2
Mechanical suspension compliance Cms 10 ⁵ m/N 1300 Effective piston area Sd m² 0.0143 Equivalent Cas air load Vas m³ 0.038 Max linear excursion Xmax ±mm 3.5 .inear displacement volume Vd 10³.m³ 0.050 Reference efficiency η₀ % 1 Unity load volume Vas.Qts² 10³.m³ 2.2 Absolute maximum ratings Short term max. input voltage Vmax V 60 Max. excursion before damage Xdam ±mm 8 Ambient operating temperature Ta °C -10 to +50 Storage temperature - °C -20 to +70 Environemental withstanding - - tropical Application information Air volume occupied by the driver - 10³.m³ 0.5 Speaker net mass kg 2.15 Baffle cut-out Diameter (Front mounting) mm 146.0 Bolt Circle Diameter -	Electrical quality factor	Qes	1	0.24
Effective piston area Sd m² 0.0143 Equivalent Cas air load Vas m³ 0.038 Max linear excursion Xmax ±mm 3.5 Linear displacement volume Vd 10³.m² 0.050 Reference efficiency η₀ % 1 Unity load volume Vas.Qts² 10³.m³ 2.2 Absolute maximum ratings Vas.Qts² 10³.m³ 2.2 Absolute maximum ratings Vmax V 60 Max.excursion before damage Xdam ±mm 8 Ambient operating temperature Ta °C -10 to +50 Storage temperature - °C -20 to +70 Environemental withstanding - - tropical Application information Application information Application information Air volume occupied by the driver - 10³.m³ 0.5 Speaker net mass kg 2.15 3affle cut-out Diameter (Front mounting) mm 146.0 36th number & Metric Diameter	Total quality factor	Qts	1	0.22
Effective piston area Sd m² 0.0143 Equivalent Cas air load Vas m³ 0.038 Max linear excursion Xmax ±mm 3.5 Linear displacement volume Vd 10³.m³ 0.050 Reference efficiency η₀ % 1 Unity load volume Vas.Qts² 10³.m³ 2.2 Absolute maximum ratings Short term max. input voltage Vmax V 60 Max.excursion before damage Xdam ±mm 8 Ambient operating temperature Ta °C -10 to +50 Storage temperature - °C -20 to +70 Environemental withstanding - - tropical Application information Air volume occupied by the driver - 10³.m³ 0.5 Speaker net mass kg 2.15 3affle cut-out Diameter (Front mounting) mm 146.0 3olt number & Metric Diameter - - 4x M5 3olt Circle Diameter mm 172.0 Max Ove	Mechanical suspension compliance	Cms	10 ⁻⁶ m/N	1300
Equivalent Cas air load Vas m³ 0.038 Max linear excursion Xmax ±mm 3.5 Linear displacement volume Vd 10³.m³ 0.050 Reference efficiency η₀ % 1 Unity load volume Vas.Qts² 10³.m³ 2.2 Absolute maximum ratings Vmax V 60 Max.excursion before damage Xdam ±mm 8 Ambient operating temperature Ta °C -10 to +50 Storage temperature - °C -20 to +70 Environemental withstanding tropical Application information Air volume occupied by the driver - 10³.m³ 0.5 Speaker net mass kg 2.15 3affle cut-out Diameter (Front mounting) mm 146.0 3olt number & Metric Diameter - 4x M5 3olt Circle Diameter mm 172.0 Max Overall dimension (out of ears) mm 162.5 Flange Height mm 117.5 Max Magnet Diameter mm 117.5 Max Depth (Front mounting) 68.5	Effective piston area	Sd		0.0143
Max linear excursion Xmax ±mm 3.5 Linear displacement volume Vd 10³.m³ 0.050 Reference efficiency η₀ % 1 Unity load volume Vas.Qts² 10³.m³ 2.2 Absolute maximum ratings Short term max. input voltage Vmax V 60 Max.excursion before damage Xdam ±mm 8 Ambient operating temperature Ta °C -10 to +50 Storage temperature - °C -20 to +70 Environemental withstanding - - tropical Application information Air volume occupied by the driver - 10³.m³ 0.5 Speaker net mass kg 2.15 Baffle cut-out Diameter (Front mounting) mm 146.0 Bolt number & Metric Diameter - 4x M5 Bolt Circle Diameter mm 172.0 Max Overall dimension (out of ears) mm 162.5 Flange Height mm 117.5 Max Depth (Front mounting)	Equivalent Cas air load	Vas		0.038
Reference efficiency	Max linear excursion	Xmax		3.5
Reference efficiency η ₀ % 1 Unity load volume Vas.Qts² 10°3.m³ 2.2 Absolute maximum ratings Short term max. input voltage Vmax V 60 Max.excursion before damage Xdam ±mm 8 Ambient operating temperature Ta °C -10 to +50 Storage temperature - °C -20 to +70 Environemental withstanding - - tropical Application information Air volume occupied by the driver - 10°3.m³ 0.5 Speaker net mass kg 2.15 Baffle cut-out Diameter (Front mounting) mm 146.0 Bolt number & Metric Diameter - 4x M5 Bolt Circle Diameter mm 172.0 Max Overall dimension (on ears) mm 187.5 Max Overall Diemension (out of ears) mm 8.0 Max Magnet Diameter mm 117.5 Max Depth (Front mounting) 68.5	Linear displacement volume	Vd	10 ⁻³ m ³	0.050
Duity load volume	Reference efficiency	ηο		1
Absolute maximum ratings Vmax V 60 Max.excursion before damage Xdam ±mm 8 Ambient operating temperature Ta °C -10 to +50 Storage temperature - °C -20 to +70 Environemental withstanding - - tropical Application information - - 10°3.m³ 0.5 Speaker net mass kg 2.15 Baffle cut-out Diameter (Front mounting) mm 146.0 Bolt Circle Diameter - 4x M5 Bolt Circle Diameter mm 172.0 Max Overall dimension (on ears) mm 162.5 Hange Height mm 8.0 Max Magnet Diameter mm 117.5 Max Depth (Front mounting) 68.5	Unity load volume		10 ⁻³ .m ³	2.2
Max.excursion before damage Xdam ±mm 8 Ambient operating temperature Ta °C -10 to +50 Storage temperature - °C -20 to +70 Environemental withstanding - - tropical Application information - - 10°3.m³ 0.5 Speaker net mass kg 2.15 - Speaker net mass kg 2.15 - Baffle cut-out Diameter (Front mounting) mm 146.0 Bolt number & Metric Diameter - 4x M5 Bolt Circle Diameter mm 172.0 Max Overall dimension (on ears) mm 187.5 Max Overall Diemension (out of ears) mm 8.0 Flange Height mm 117.5 Max Depth (Front mounting) 68.5	Absolute maximum ratings			
Ambient operating temperature Ta °C -10 to +50 Storage temperature - °C -20 to +70 Environemental withstanding tropical Application information Air volume occupied by the driver - 10³.m³ 0.5 Speaker net mass kg 2.15 Baffle cut-out Diameter (Front mounting) mm 146.0 Bolt number & Metric Diameter - 4x M5 Bolt Circle Diameter mm 172.0 Max Overall dimension (on ears) mm 187.5 Max Overall Diemension (out of ears) mm 8.0 Max Magnet Diameter mm 117.5 Max Depth (Front mounting) mm 117.5 Max Depth (Front mounting)	Short term max. input voltage	Vmax	V	60
Storage temperature - °C -20 to +70 Environemental withstanding tropical Application information Air volume occupied by the driver - 10°3.m³ 0.5 Speaker net mass kg 2.15 Baffle cut-out Diameter (Front mounting) mm 146.0 Bolt number & Metric Diameter - 4x M5 Bolt Circle Diameter mm 172.0 Max Overall dimension (on ears) mm 187.5 Max Overall Diemension (out of ears) mm 162.5 Flange Height mm 8.0 Max Magnet Diameter mm 117.5 Max Depth (Front mounting) 68.5	Max.excursion before damage	Xdam	±mm	8
Environemental withstanding tropical Application information Air volume occupied by the driver - 10 ⁻³ .m ³ 0.5 Speaker net mass kg 2.15 Baffle cut-out Diameter (Front mounting) mm 146.0 Bolt number & Metric Diameter - 4x M5 Bolt Circle Diameter mm 172.0 Max Overall dimension (on ears) mm 187.5 Max Overall Diemension (out of ears) mm 8.0 Max Magnet Diameter mm 171.5 Max Depth (Front mounting) 68.5	Ambient operating temperature	Та	°C	-10 to +50
Application information Air volume occupied by the driver - 10 ⁻³ .m ³ 0.5 Speaker net mass kg 2.15 Baffle cut-out Diameter (Front mounting) mm 146.0 Bolt number & Metric Diameter - 4x M5 Bolt Circle Diameter mm 172.0 Max Overall dimension (on ears) mm 187.5 Max Overall Diemension (out of ears) mm 162.5 Flange Height mm 8.0 Max Magnet Diameter mm 117.5 Max Depth (Front mounting) 68.5	Storage temperature	-	°C	-20 to +70
Air volume occupied by the driver - 10 ⁻³ .m ³ 0.5 Speaker net mass kg 2.15 Baffle cut-out Diameter (Front mounting) mm 146.0 Bolt number & Metric Diameter - 4x M5 Bolt Circle Diameter mm 172.0 Max Overall dimension (on ears) mm 187.5 Max Overall Diemension (out of ears) mm 162.5 Flange Height mm 8.0 Max Magnet Diameter mm 117.5 Max Depth (Front mounting) 68.5	Environemental withstanding	-	-	tropical
Speaker net mass kg 2.15 Baffle cut-out Diameter (Front mounting) mm 146.0 Bolt number & Metric Diameter - 4x M5 Bolt Circle Diameter mm 172.0 Max Overall dimension (on ears) mm 187.5 Max Overall Diemension (out of ears) mm 162.5 Flange Height mm 8.0 Max Magnet Diameter mm 117.5 Max Depth (Front mounting) 68.5	Application information			
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Solt number & Metric Diameter - 4x M5	Speaker net mass			2.15
Bolt Circle Diameter mm 172.0 Max Overall dimension (on ears) mm 187.5 Max Overall Diemension (out of ears) mm 162.5 Flange Height mm 8.0 Max Magnet Diameter mm 117.5 Max Depth (Front mounting) 68.5	Baffle cut-out Diameter (Front mounting)		mm	146.0
Max Overall dimension (on ears) mm 187.5 Max Overall Diemension (out of ears) mm 162.5 Flange Height mm 8.0 Max Magnet Diameter mm 117.5 Max Depth (Front mounting) 68.5	Bolt number & Metric Diameter		-	4x M5
Max Overall Diemension (out of ears) mm 162.5 Flange Height mm 8.0 Max Magnet Diameter mm 117.5 Max Depth (Front mounting) 68.5	Bolt Circle Diameter		mm	172.0
Max Overall Diemension (out of ears) mm 162.5 Flange Height mm 8.0 Max Magnet Diameter mm 117.5 Max Depth (Front mounting) 68.5	Max Overall dimension (on ears)		mm	187.5
Flange Height mm 8.0 Max Magnet Diameter mm 117.5 Max Depth (Front mounting) 68.5	Max Overall Diemension (out of ears)		mm	162.5
Max Magnet Diameter mm 117.5 Max Depth (Front mounting) 68.5	Flange Height		mm	
Max Depth (Front mounting) 68.5	Max Magnet Diameter		mm	117.5
	Max Depth (Front mounting)			68.5
	Recommended reflex box	Vb/Fb	Lts/Hz	15L/56Hz

Note: These specifications are stated to be representative of current production after conditionning. Because of our continous research they are subject to change without notice. The latest upgrade dating cancels the previous one.