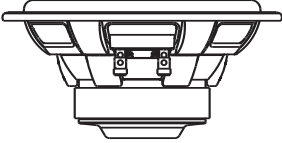


Boston



G1 - Performance Subwoofers

G1



G1 Specifications/Enclosure Recommendations

Model:	G11244	G1124	G11044	G1104
Nominal Size:	12"	12"	10"	10"
RMS Power Handling:	200w	200w	200w	200W
Impedance:	Dual 4Ω	Single 4Ω	Dual 4Ω	Single 4Ω
Frequency Response: (+/-3dB in car)	20-350Hz	20-350Hz	24-350Hz	24-350Hz
Mounting Cutout Diameter:	11 3/16" (283mm)	11 3/16" (283mm)	9 1/4" (235mm)	9 1/4" (235mm)
Mounting Depth:	5" (126mm)	5" (126mm)	4 3/4" (120mm)	4 3/4" (120mm)
Recommended Sealed Enclosure Volume*:	1.0 ft ³ (28.3L)	1.0 ft ³ (28.3L)	0.5 ft ³ (14.2L)	0.5 ft ³ (14.2L)
Q-Tune™†: (HP & Q Setting)	33Hz@0.7	33Hz@0.7	28Hz@0.7	28Hz@0.7
Recommended Ported Enclosure Volume*:	2.0 ft ³ (56.6L)	2.0 ft ³ (56.6L)	1.3 ft ³ (36.8L)	1.3 ft ³ (36.8L)
Vent Diameter:	4" (10cm)	4" (10cm)	3" (7.6cm)	3" (7.6cm)
Vent Length:	13" (33cm)	13" (33cm)	10" (25cm)	10" (25cm)
Tuning Frequency:	34Hz	34Hz	36Hz	36Hz
Q-Tune™†: (HP & Q Setting)	34Hz@0.7	34Hz@0.7	36Hz@0.9	36Hz@0.9

*Enclosure volumes include basket and port displacement
†Q-Tune™ is a feature found on Boston GT Amplifiers

G1 Thiele-Small Parameters

Model:	G11244		G1124	G11044		G1104
	Parallel	Series		Parallel	Series	
Fs: (Hz)	26	26	25	30	30	29
Re: (Ohms)	1.75	3.50	4.06	1.75	3.50	4.06
Qms:	10.4	10.4	7.05	7.57	7.57	8.46
Qes:	0.57	0.57	0.49	0.63	0.63	0.57
Qts:	0.54	0.54	0.46	0.58	0.58	0.53
Vas: (Liters)	112	112	114	38	38	39
Mms: (Grams)	137	137	143	136	136	142
Cms: (μM/Newton)	275	275	275	205	205	205
Xmax: (Mm)	10.5	10.5	10.5	10.5	10.5	10.5
Xmech: (Mm)	22	22	22	22	22	22
Sd: (CM ²)	520	520	520	345	345	345
Bl: (Tesla-M)	8.27	16.53	13.81	8.27	16.53	13.81
SPL Eff: (dB @ 1w/1m)	87.4	87.4	87.7	84.0	84.0	84.2
SPL Sen: (dB @ 2.83v)	94.0	91.0	90.6	90.77	87.6	87.1

G1 Included Hardware

Model:	G11244	G1124	G11044	G1104
Wood Screw M4 x 38mm:	8	8	8	8

Boston Acoustics, Inc. 300 Jubilee Drive, Peabody, MA 01960 USA

T: 978.538.5000 F: 978.538.5100 W: bostonacoustics.com

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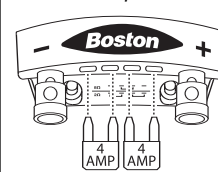
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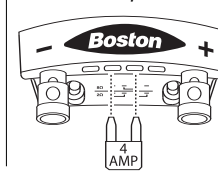
SureSet™ Fuse Configurations

G111244 / G11044

2-ohm operation

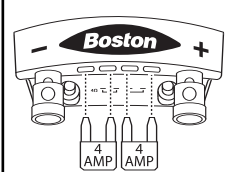


8-ohm operation



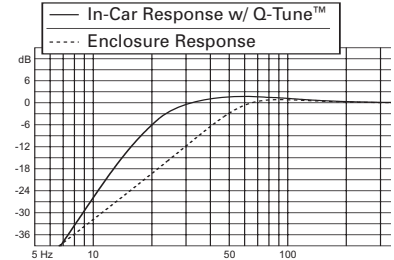
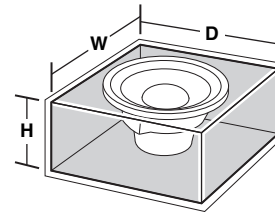
G1124 / G1104

4-ohm



Note: The SureSet™ feature utilizes standard mini automotive ATC fuses to select between series or parallel voice-coil operation (DVC only). The fuses also provide voice-coil protection under transient conditions such as accidental momentary overdrive. The fuses will not protect against voice-coil failure resulting from long term high power abuse.

Single G1 Enclosure Design Example - Sealed



Model:	G1112"	G110"
H = Height:	10.5" (26.7cm)	7.5" (19.1cm)
W = Width:	13.0" (33.1cm)	11.0" (28.0cm)
D = Depth:	13.0" (33.1cm)	11.0" (28.0cm)
Gross Volume:	1.0 Ft ³ (28.3L)	0.5 Ft ³ (14.2L)
Q-Tune™†: (HP & Q)	28Hz@0.707	33Hz@0.707

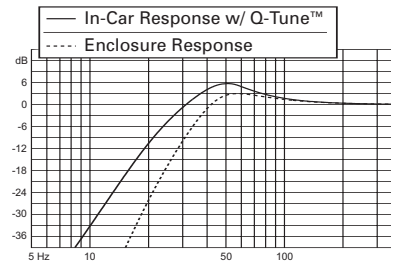
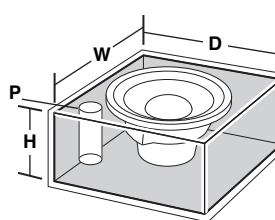
Enclosure dimensions are internal and include basket displacement

This enclosure size is an example and these dimensions can be modified provided that the exact internal volume is retained

3/4-inch thick M.D.F. is recommended as a minimum

†Q-Tune™ is a feature found on Boston GT Amplifiers

Single G1 Enclosure Design Example - Ported



Model:	G112"	G110"
H = Height:	15.5" (39.8cm)	12" (30.5cm)
W = Width:	16.5" (42.0cm)	13.25" (33.7cm)
D = Depth:	14" (35.6cm)	14" (35.6cm)
P = Port Clearance*:	4" (10cm)	3" (7.6cm)
Gross Volume:	2.0 Ft ³ (56.6L)	1.3 Ft ³ (36.8L)
Port Diameter:	4" (10cm)	3" (7.6cm)
Port Length:	13" (33cm)	10" (25cm)
Q-Tune™†: (HP & Q)	34Hz@0.707	36Hz@0.9

Enclosure dimensions are internal and include basket and port displacement

This enclosure size is an example and these dimensions can be modified provided that the exact internal volume is retained and that there is adequate space behind the vent (diameter of port from the back and side walls)

3/4-inch thick M.D.F. is recommended as a minimum

*Recommended distance from sides and back walls of enclosure

†Q-Tune™ is a feature found on Boston GT Amplifiers