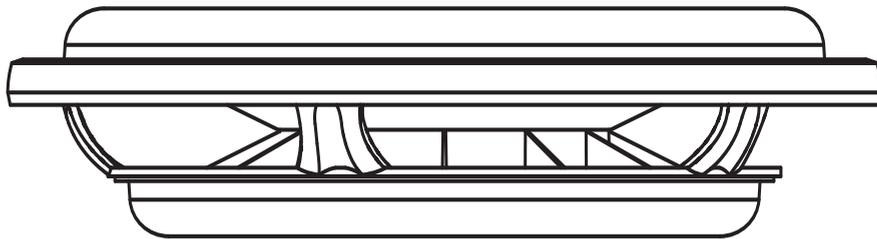
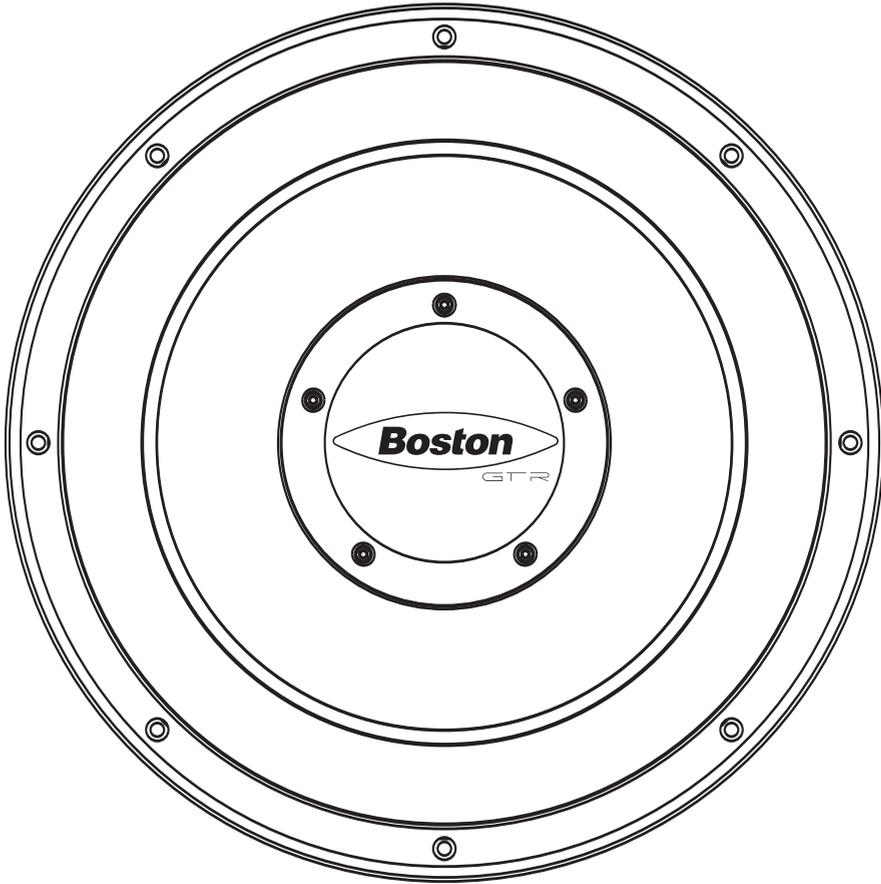


Boston



GTR - TunableRadiators™

GTR

Changing the tuning on the GTR TunableRadiators™

Note: The GTR TunableRadiator™ is shipped from the factory in "Tuning Mode #2".

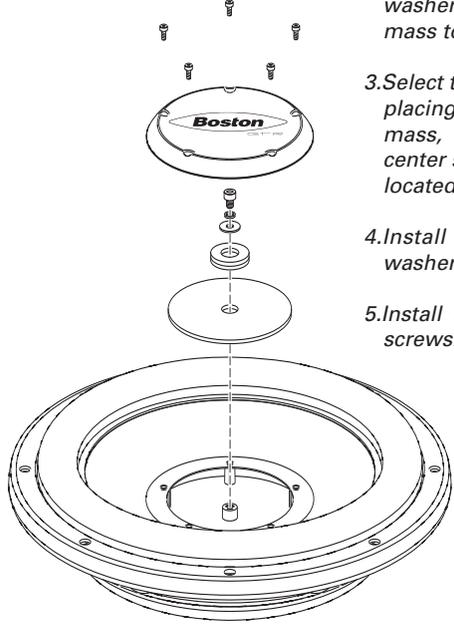
1. Remove the dustcap.

2. Remove the center screw, lock washer, and washer that hold the mass to the GTR.

3. Select the desired tuning mode by placing the correct combination of mass, foam side down, on the center shaft. (use the tuning guide located below)

4. Install the center screw, lock washer, and washer and tighten.

5. Install the dustcap using all five screws.



Warning: The dustcap is a structural part of the GTR TunableRadiator™ and must be installed before use.

GTR TunableRadiator™ Tuning Frequency Chart

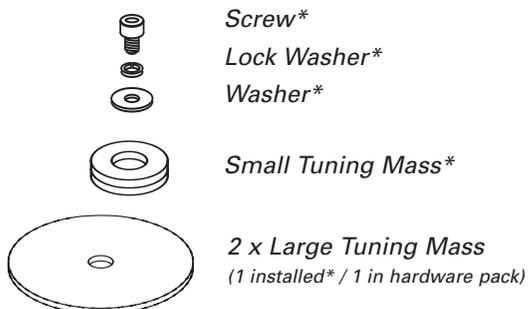
For single recommended G5/GTR enclosures

Tuning Mode:	GTR12	GTR10
Enclosure Volume:	1.0 Ft ³	0.5 Ft ³
Tuning Mode 1:	45Hz	49Hz
Tuning Mode 2:	35Hz	35Hz
Tuning Mode 3:	30Hz	30Hz

Weight Chart	Small Tuning Mass	Large Tuning Mass
Tuning Mode 1:	X	X
Tuning Mode 2:	1	1
Tuning Mode 3:	X	2

Key:
 X = No Mass Used
 1 = One Mass Used
 2 = Two Mass Used

GTR TunableRadiator™ Tuning Hardware

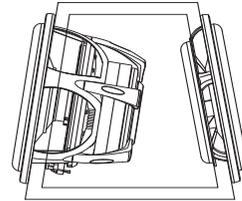


*Pre-installed on GTR from factory

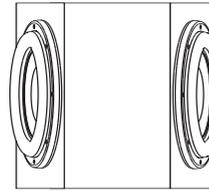
Subwoofer w/ GTR Enclosure Shape Examples

Listed below are several single G5 subwoofer using a GTR TunableRadiator™ enclosure shape examples.

Trapezoid

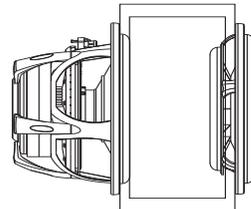


Side

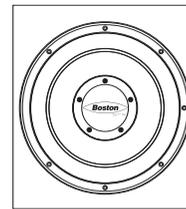


Top

Reverse

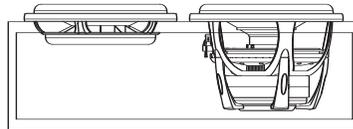


Top

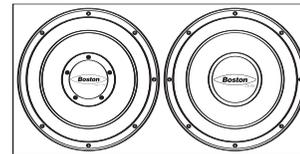


Front

Rectangle

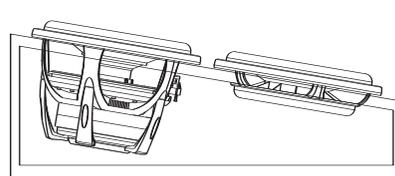


Side

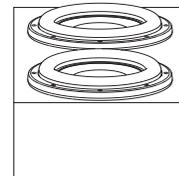


Top

Wedge

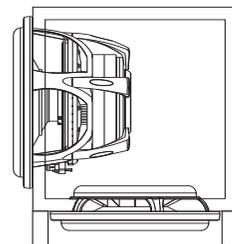


Side

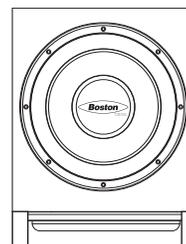


Front

Square with Down-firing GTR



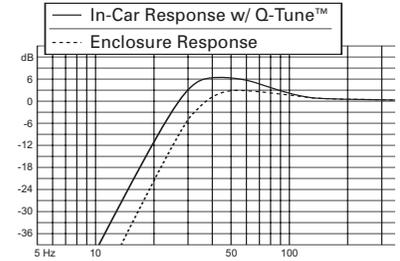
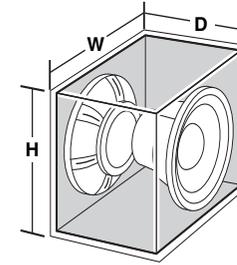
Side



Front

Single Enclosure Design Example

- GTR TunableRadiator™



Model:	12" w/ GTR12	10" w/ GTR10
H = Height:	13" (33.0cm)	9.5" (24.1cm)
W = Width:	13" (33.0cm)	9.5" (24.1cm)
D = Depth:	10.5" (266.7cm)	9.75" (24.8cm)
Gross Volume:	1.0 Ft ³ (28.3L)	0.5 Ft ³ (14.2L)

GTR Tuning / Q-Tune™ Setting Matrix:

Model:	12" w/ GTR12	10" w/ GTR10
Tuning Mode 1:	45Hz / 42Hz@0.7	50Hz / 45Hz@0.7
Tuning Mode 2 [*] :	35Hz / 34Hz@1.0	35Hz / 34Hz@1.0
Tuning Mode 3:	30Hz / 30Hz@1.2	30Hz / 30Hz@1.2

Enclosure dimensions are internal and include basket and GTR displacement

Tuning Assumes Boston G3, G2, or G1 Subwoofer

These enclosure shapes are examples and these dimensions can be modified provided that the exact internal volume is retained and that there is adequate space behind the woofer and the GTR.

1/4-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

*Factory Tuning Mode

GTR TunableRadiator™ Included Hardware

Model:	GTR12	GTR10
Hex Key 2.5mm	1	1
T-Nut M4:	8	8
Lock Washer M4:	8	8
Mounting Screw M4:	8	8
Wood Screw M4 x 38mm:	8	8

Also included with all GTR TunableRadiators™ is the GTR Tuning Hardware, these parts are individually listed in the GTR TunableRadiator™ Tuning Hardware section.

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