

## SPECIFICATIONS

T/S Parameters*	SLAPS-M10	SLAPS-M12
Fs	29Hz	25.5Hz
Vas	1.5 cu.ft.	4.52 cu.ft.
Qms	7.00	7.00
Cms	0.4275 mm/N	0.38661 mm/N
Mms	100 g	289 g
Sd	301 sq.cm.	483 sq.cm.
Xmax	4 in.	4 in.

\* measured with only the bolts installed and without the mass.

Dimensions	SLAPS-M10	SLAPS-M12
Overall Diameter	10 5/16" (261mm)	12 3/8" (314.2mm)
Cutout Diameter	9 5/16" (236mm)	11 3/8" (289mm)
Mounting Depth	2" (49.9mm)	2 1/4" (53.3mm)
Hex Nut Size	US 5/16 (M8)	
Mass ID	5/16" (8mm)	
Max Mass OD	2 7/8" (74mm)	

Specifications are subject to change without notice.

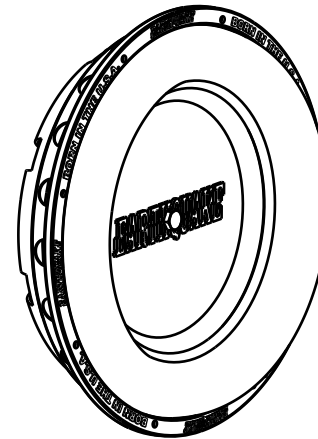


The Sound That Will Move You

# SLAPS-M

## MASS TUNED SLAPS

(Symmetrically Loaded Audio Passive System)



**U.S. Patent No. 6,044,925**  
**U.S. Patent No. 6,460,651 B1**  
**U.S. Patent No. 6,626,263 B2**  
 and more patents pending

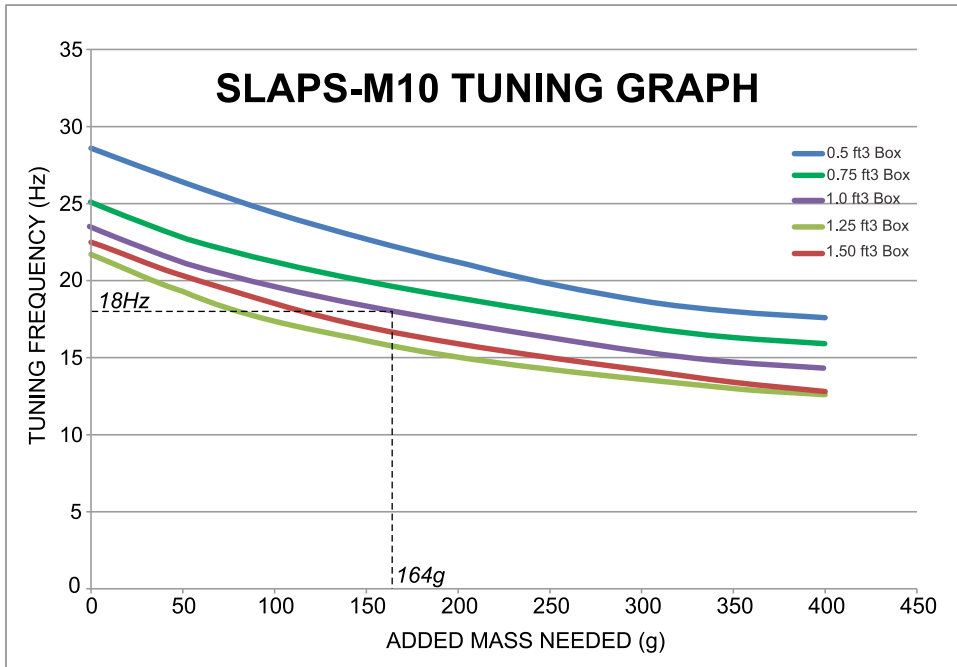
# TUNING MANUAL

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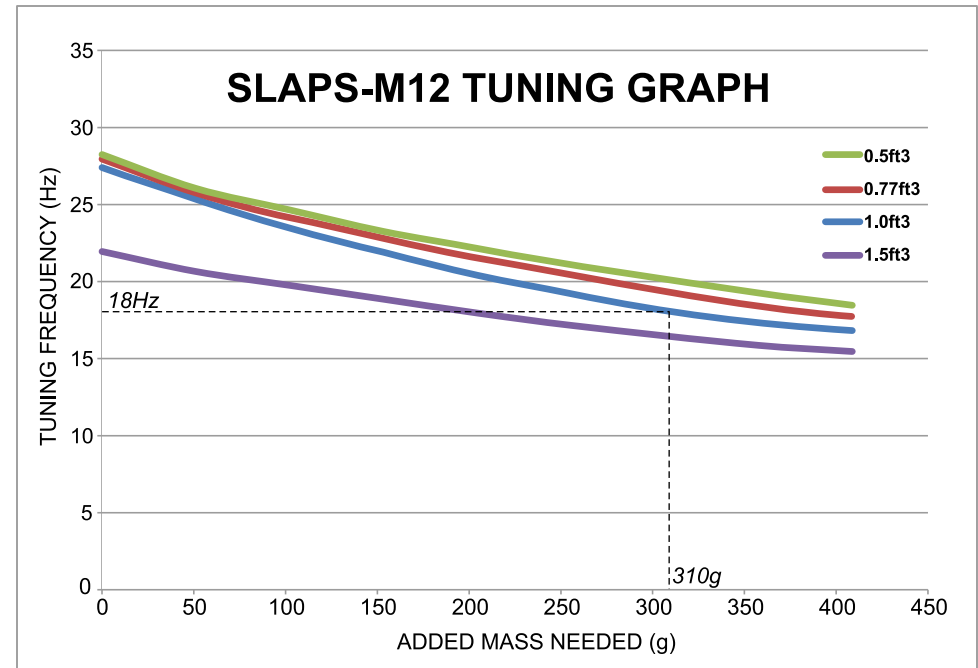
## HOW TO TUNE THE SLAPS-M

The SLAPS-M comes with a  $\pm 255$  grams mass pre-installed. We suggest carefully remove this mass and adjust it accordingly based on the NET internal volume of your speaker box/enclosure and preferred tuning frequency.

Do take the speaker/driver displacement into consideration when you calculate the net internal volume of the speaker box/enclosure. For your convenience, we have provided SLAPS-M tuning graphs for several different speaker boxes/enclosures.



For example, the net internal volume of your speaker box is 1 cu.ft. (28.3L) and your preferred tuning frequency is 18Hz. Then you will need to add about 164g of mass to the SLAP-M10 or add about 310g of mass to the SLAPS-M12.



If you decide to modify the mass provided, every 1/2" drill hole ( $\pm 9$ g) will increase the tuning frequency by 1Hz. Additionally, keep the modifications in symmetry to allow even mass distribution.

If you choose to not use the provided mass nor graph, simply go to your neighborhood hardware store and get flat washers with a 5/16" (8mm) inner diameter and a maximum of 2-7/8" (74mm) outer diameter. You may need to get multiple washers and try out different quantities to obtain the desired tuning frequency for your system.