

# MMATS

## PRO AUDIO

### Recommended Enclosure Sheet

<u>P2.0-10</u>		<u>Sealed (Net)</u>	<u>Vented (Net)</u>	<u>Port Specs</u>	<u>Port Disp.</u>	<u>Woofers Disp.</u>
	<b>Min.</b>	0.50 cu.ft.	1.00 cu.ft.	3" dia. X 12" L	.05 cu.ft.	.07 cu.ft.
	<b>Rec.</b>	0.66 cu.ft.	1.25 cu.ft.	3" dia. X 8" L	.03 cu.ft.	.07 cu.ft.
	<b>Max.</b>	0.80 cu.ft.	1.50 cu.ft.	4" dia. X 12" L	.09 cu.ft.	.07 cu.ft.
<u>P2.0-12</u>						
	<b>Min.</b>	0.75 cu.ft.	1.25 cu.ft.	3" dia. X 9" L	.04 cu.ft.	.10 cu.ft.
	<b>Rec.</b>	1.00 cu.ft.	1.50 cu.ft.	4" dia. X 12" L	.09 cu.ft.	.10 cu.ft.
	<b>Max.</b>	1.25 cu.ft.	1.75 cu.ft.	4" dia. X 10" L	.07 cu.ft.	.10 cu.ft.
<u>P2.0-15</u>						
	<b>Min.</b>	1.25 cu.ft.	1.50 cu.ft.	4" dia. X 15" L	.11 cu.ft.	.14 cu.ft.
	<b>Rec.</b>	1.50 cu.ft.	2.00 cu.ft.	20 sq." X 15" L	.17 cu.ft.	.14 cu.ft.
	<b>Max.</b>	1.75 cu.ft.	2.50 cu.ft.	25"sq." X 15" L	.22 cu.ft.	.14 cu.ft.
<u>P2.5-10</u>						
	<b>Min.</b>	0.50 cu.ft.	0.80 cu.ft.	3" dia. X 10" L	.04 cu.ft.	.10 cu.ft.
	<b>Rec.</b>	0.66 cu.ft.	1.05 cu.ft.	3" dia. X 8" L	.03 cu.ft.	.10 cu.ft.
	<b>Max.</b>	0.80 cu.ft.	1.30 cu.ft.	4" dia. X 12" L	.09 cu.ft.	.10 cu.ft.
<u>P2.5-12</u>						
	<b>Min.</b>	0.70 cu.ft.	1.25 cu.ft.	3" dia. X 9" L	.04 cu.ft.	.13 cu.ft.
	<b>Rec.</b>	0.88 cu.ft.	1.50 cu.ft.	4" dia. X 12" L	.09 cu.ft.	.13 cu.ft.
	<b>Max.</b>	1.15 cu.ft.	1.75 cu.ft.	4" dia. X 10" L	.07 cu.ft.	.13 cu.ft.
<u>P2.5-15</u>						
	<b>Min.</b>	1.25 cu.ft.	2.00 cu.ft.	20 sq." X 10" L	.17 cu.ft.	.15 cu.ft.
	<b>Rec.</b>	1.50 cu.ft.	2.50 cu.ft.	30 sq." X 16" L	.28 cu.ft.	.15 cu.ft.
	<b>Max.</b>	1.75 cu.ft.	3.00 cu.ft.	30 sq." X 14" L	.24 cu.ft.	.15 cu.ft.
<u>P3.0-10</u>						
	<b>Min.</b>	0.75 cu.ft.	1.00 cu.ft.	3" dia. X 10" L	.04 cu.ft.	.12 cu.ft.
	<b>Rec.</b>	1.00 cu.ft.	1.25 cu.ft.	3" dia. X 7" L	.03 cu.ft.	.12 cu.ft.
	<b>Max.</b>	1.25 cu.ft.	1.50 cu.ft.	4" dia. X 11" L	.08 cu.ft.	.12 cu.ft.
<u>P3.0-12</u>						
	<b>Min.</b>	1.00 cu.ft.	1.50 cu.ft.	4" dia. X 12" L	.09 cu.ft.	.15 cu.ft.
	<b>Rec.</b>	1.25 cu.ft.	2.00 cu.ft.	20 sq." X 13" L	.15 cu.ft.	.15 cu.ft.
	<b>Max.</b>	1.50 cu.ft.	2.50 cu.ft.	30 sq." X 15" L	.26 cu.ft.	.15 cu.ft.
<u>P3.0-15</u>						
	<b>Min.</b>	1.25 cu.ft.	2.00 cu.ft.	20 sq." X 13" L	.15 cu.ft.	.16 cu.ft.
	<b>Rec.</b>	1.65 cu.ft.	2.50 cu.ft.	30 sq." X 15" L	.26 cu.ft.	.16 cu.ft.
	<b>Max.</b>	2.00 cu.ft.	3.00 cu.ft.	35 sq." X 14" L	.28 cu.ft.	.16 cu.ft.
<u>DREAD 12</u>	<b>Rec.</b>	N/A	2.00 cu.ft.	25 sq." X 16" L	.23 cu.ft.	.25 cu.ft.
<u>DREAD 15</u>	<b>Rec.</b>	N/A	3.50 cu.ft.	40 sq." X 16" L	.37 cu.ft.	.35 cu.ft.
<u>DREAD 18</u>	<b>Rec.</b>	N/A	5.00 cu.ft.	60 sq." X 16" L	.55 cu.ft.	.50 cu.ft.
<u>JUGG 12</u>	<b>Rec.</b>	N/A	2.50 cu.ft.	30 sq." X 16" L	.28 cu.ft.	.35 cu.ft.
<u>JUGG 15</u>	<b>Rec.</b>	N/A	4.50 cu.ft.	50 sq." X 16" L	.47 cu.ft.	.42 cu.ft.
<u>JUGG 18</u>	<b>Rec.</b>	N/A	5.00 cu.ft.	60 sq." X 16" L	.55 cu.ft.	.50 cu.ft.

**\*\* Enclosure Size is NET Interior Volume, EXCLUDING speaker and port displacement!!**

- **Minimum** spec. is functional but will not optimize either SQ or SPL
- **Recommended** spec. will optimize overall response between SQ and SPL
- **Maximum** spec. is the absolute best for SPL if you have the space

**3" round port equals 7.07 sq. inches \* 4" round port equals 12.56 sq. inches \* 6" round port equals 28.26 sq. inches**