



Classic 56 litre vented box standmount for Markaudio CHR-120

Notes:

- 0/ Diagram provides Imperial and metric dimensions.  
Dimensions not direct equivalents
- 1/ 18mm & 3/4in sheet build material assumed. MDF acceptable, quality void-free multiply highly recommended
- 2/ Front, top & rear baffles doubled for enhanced rigidity
- 3/ Bracing not shown but strongly recommended. See drawing Pensil 12P / Super Pensil 12P for example
- 4/ Chamfer / relieve driver cut-out to prevent reflections & enhance air-flow
- 5/ All internal faces lagged 15mm - 20mm / 3/4in acoustic fibreglass, Ultratouch recycled denim, quality wool-felt or similar. Avoid acoustic foam

Design assumes voltage source amplifier & 1/2ohm series resistance for typical speaker wiring and connections

- Fb = 31Hz
- F3 = 31Hz (nominal anechoic)
- F6 = 26Hz (nominal anechoic)



Vent options  
Assumes unflared ports

- 1/ Single vent.  
50mm [2in] diameter x 75mm [3in] long
- 2/ Twin vent  
35mm [1 3/8in] diameter x 80mm [3 3/16in] long
- 3/ Triple vent  
35mm diameter [1 3/8in] x 130mm long

If twin or triple vent option used, position vents side-by-side