



## Oryx

Markaudio CHR-120 Mass-loaded Quarter-Wave

### Notes

0/Metric and Imperial dimensions provided.

Not exact equivalents / direct conversions

1/Front baffle & top doubled to increase stiffness. Quality void-free multiply (Baltic birch, apple, marine, bamboo) recommended

2/Bracing not shown but recommended (minimum 3x window braces with uneven distribution on the longitudinal. See superPencil 12P for alternate bracing ideas

3/Duct 75mm [3in] diameter x 133mm [5 1/4in] long on rear panel

4/All internal faces lagged 15mm - 25mm [3/4in - 1in] acoustic fiberglass, SAE-F13 rated felt, Ultratouch, jute or similar. Avoid acoustic foam

5/Chamfer rear of driver cutout to improve airflow

Fb = 32Hz

F3 = 34Hz (nominal anechoic)

F6 = 28Hz (nominal anechoic)

