



passive loudspeaker **P1**

Surround - Height



INTRODUCTION

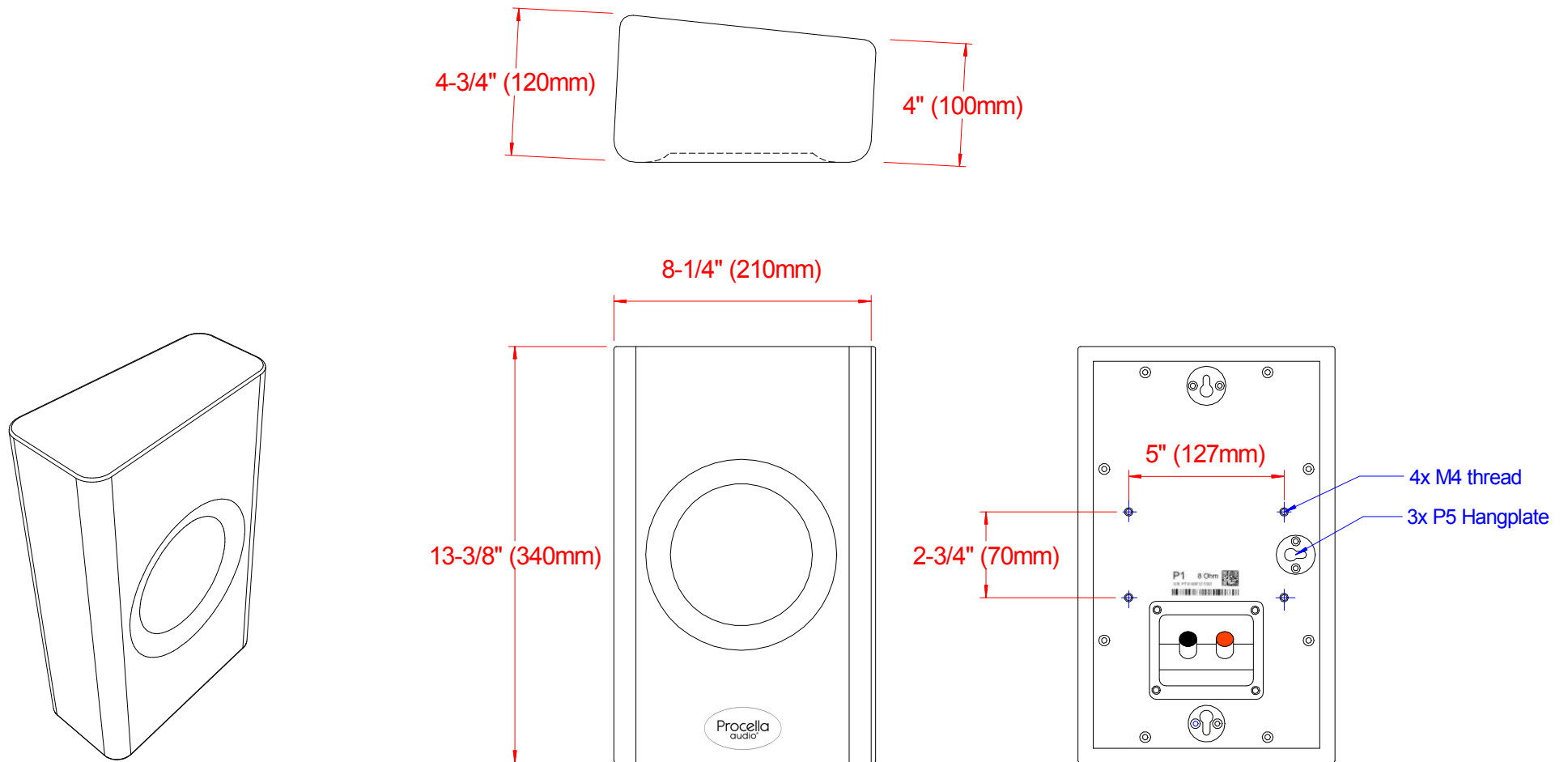
The P1 is a compact speaker especially designed for surround and height channel applications. The speaker is ideal for immersive audio speaker systems due to its circular 110 degree radiation pattern. The speaker can be oriented horizontally or vertically. Its front baffle is angled at 7 degrees to aim the speaker toward listeners. Identical Voice™ timbre-matched to all Procella models. Available in both black and white semi-matte finishes.

TECHNICAL SPECIFICATIONS

Impedance	8 Ohms nominal Phase Angles less than 45 degrees
Power handling	
continuous	75 Watt
peak	150 Watt
Sensitivity	
1m/1W	89dB
Maximum SPL	
wall/ceiling mounted	105dB continuous, 111 dB peak
Frequency response	
-3dB points	80Hz and 20kHz
Dispersion pattern	
-6dB	Controlled directivity; 110° circular from 2.0kHz

Crossover	Asymmetrical, phase aligned 3.5kHz, BSC
Components	
Midrange	5.5" driver with 35mm voice coil in 4.8 litre sealed box
High Frequency	19mm driver on a circular waveguide
Connectivity	Gold plated large diameter binding posts
Wall Mount	127 x 70mm M4 threaded inserts for 2.75" x 5" speaker mount Three keyholes provided for vertical and horizontal mounting.
Dimensions	
H x W x D	210 x 340 x 100/120mm 8,27" x 13,4" x 3,94" / 4,72"
Net weight	4.2 Kg / 9.25 lbs

P1



Sides, Top, Bottom: 12mm MDF
Front: 15mm MDF
Black, White semi-matte Paint
Weight = 4,2 Kg
Box volume = 4,8L
Package: 300x400x200mm



Procella P1: Dimensions
Anders Uggelberg, 12Aug-19
UPD:
Scale 1:5 (PDF/JPG-file not to scale)
P1_ext_dim.CAD