

8050B Studio Monitor

Studio Monitor

Technical Specifications

Nearfield monitoring with real muscle. The 8050B has power in abundance, making it ideally suited to larger spaces and longer listening distances.

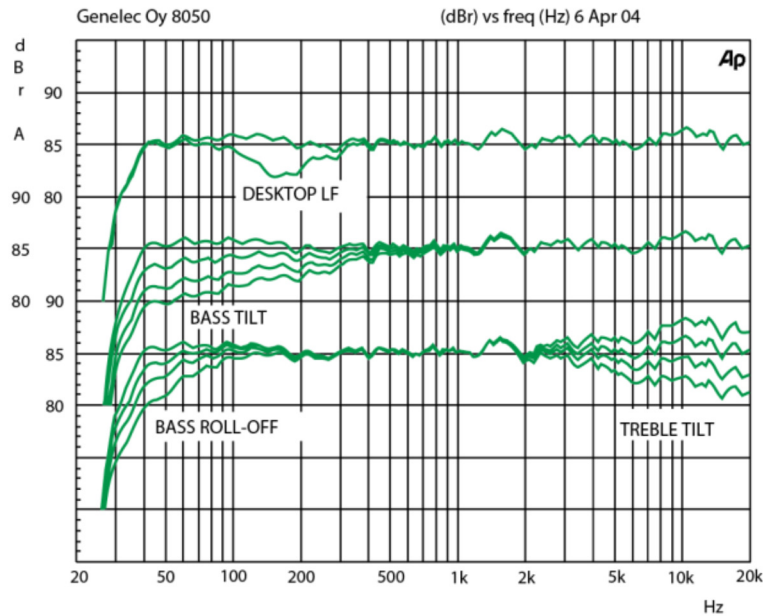


Frequency Response

38 Hz - 20 kHz (± 2 dB)

Low cutoff -6dB
32 Hz

High cutoff -6dB
25 kHz



SPL

Peak SPL
 ≥ 120 dB

Maximum peak acoustic output per pair at 1 m distance with music material.

Short term max SPL
 ≥ 110 dB

Maximum short term sine wave acoustic output on axis in half space, averaged from 100 Hz to 3 kHz at 1 m.

Long term max SPL
 ≥ 101 dB

Maximum long term RMS acoustic output in same conditions with IEC weighted noise (limited by driver unit protection circuit) at 1 m.

Self-generated noise

Self-generated noise
 ≤ 10 dB SPL

Self generated noise level in free field at 1m on axis (A-weighted).

Weight

Weight
14.4 kg (31.7 lb)

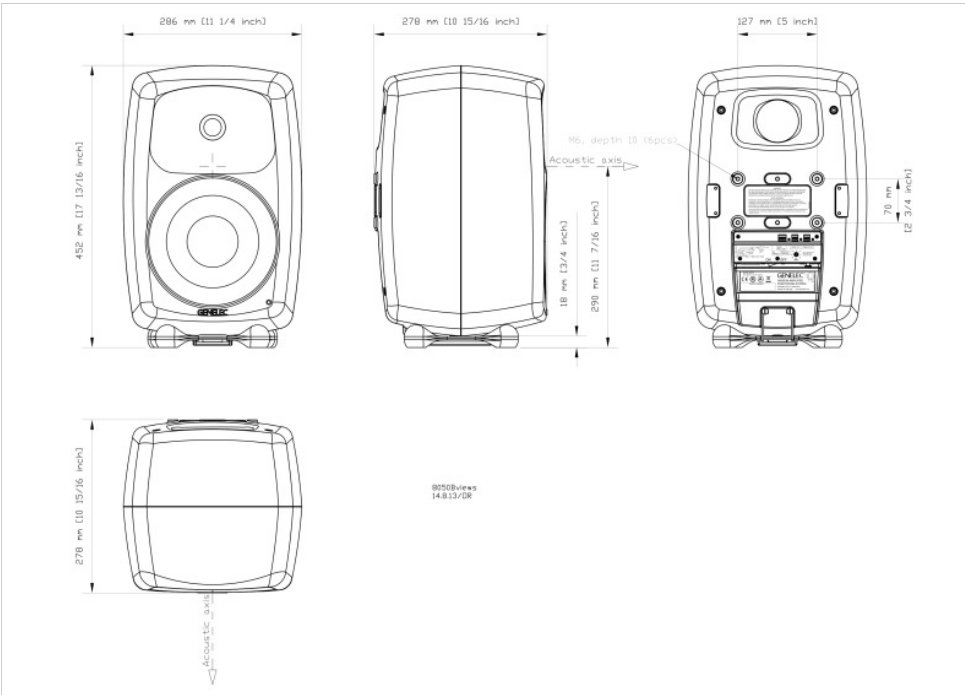
Dimensions

Height
433 mm (17 in)

Height with Iso-Pod
452 mm (17 3/4 in)

Width
286 mm (11 1/4 in)

Depth
278 mm (11 in)



Enclosure

Enclosure material
Die cast aluminium

Enclosure type
Reflex port

Drivers

Bass

Driver type
Cone

Magnetically shielded.

Diameter
205 mm (8 1/8 in)

Treble

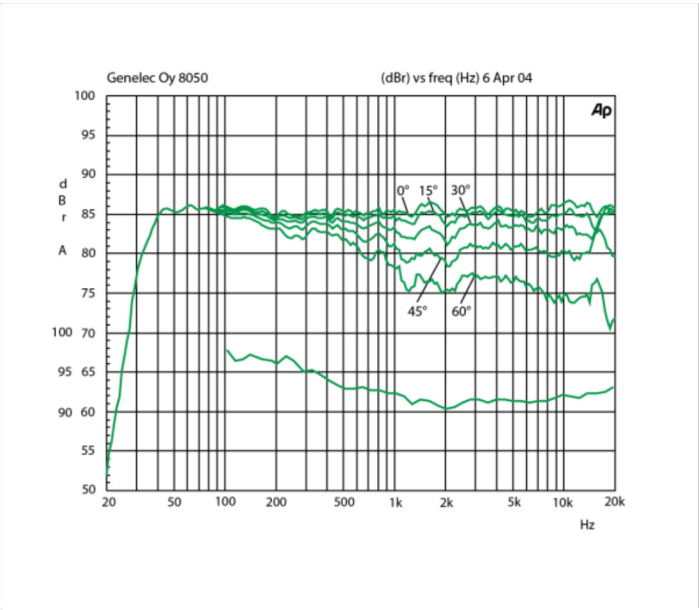
Driver type
Metal dome

Magnetically shielded.

Diameter
25 mm (1 in)

Directivity

Horizontal directivity



Harmonic distortion

50...100 Hz ≤2 %
> 100 Hz ≤0.5 %

Amplifiers

8050B bass amplifier 150 W Class AB	8050B treble amplifier 120 W Class AB
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Mains voltage

100, 120, 220 or 230VAC 50/60Hz according to region

Power consumption

ISS Active ≤0.5 W	Idle ≤10 W	Full output 170 W
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Connectors

Input

Analog signal input connector XLR female, balanced 10 kOhm.

Crossover

Bass/Treble
1800 Hz

Product codes

Code	Product information	EAN code	CN code
8050BPM	8050B Studio Monitor Dark Grey		
8050BWM	8050B Studio Monitor White		

Product codes

Code	Product information	EAN code	CN code
8000-325B	8000-325B Table stand L-shape, Black		
8000-325W	8000-325W Table stand L-shape, White		
8000-400	8000-400 Genelec Design stand		
8000-409B	8000-409B Floor stand (950-1430 mm)		
8051-408	8051-408 Stand plate for 8X50, 8351 Iso-Pod		
8000-436B	8000-436B Short ceiling mount, Black		
8000-436W	8000-436W Short ceiling mount, White		
8000-442B	8000-442B Short adjustable ceiling mount, Black		
8000-442W	8000-442W Short adjustable ceiling mount, White		
8000-444B	8000-444B Long adjustable ceiling mount, Black		
8000-444W	8000-444W Long adjustable ceiling mount, White		
8000-446B	8000-446B Truss mount kit, adjustable length		
8000-416B	8000-416B Short truss mount with clamp		
8000-402B	8000-402B Wall mounting bracket, Black		
8000-402W	8000-402W Wall mounting bracket, White		
8000-437B	8000-437B VESA adapter 75/100 mm, Black		
8351-450B	8351-450B Flush mount kit		
8000-851	8000-851 Empty case for one pc 8X50/8351, Matte Black		
8050-423	8050-423 Soft carrying bag for one 8X5X, Black		

S360-415B Floor Stand for S360 and 8xxx
4000-414 Wall mount Black
4000-414 Wall Mount White

For even more technical details please see product operating manual.