

8040B Studio Monitor

Studio Monitor

Technical Specifications

Experience the true sound of your mix with the astonishing performance and versatility of the 8040B.



Frequency Response

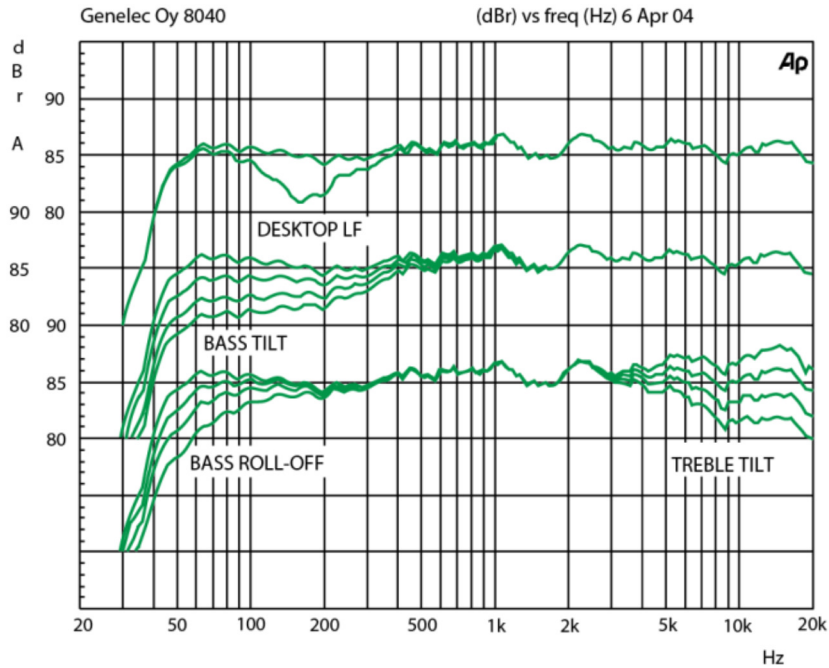
48 Hz - 20 kHz (± 2 dB)

Low cutoff -6dB

41 Hz

High cutoff -6dB

25 kHz



SPL

Peak SPL

≥ 115 dB

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

Short term max SPL

≥ 105 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

≥ 99 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

9.4 kg (20.7 lb)

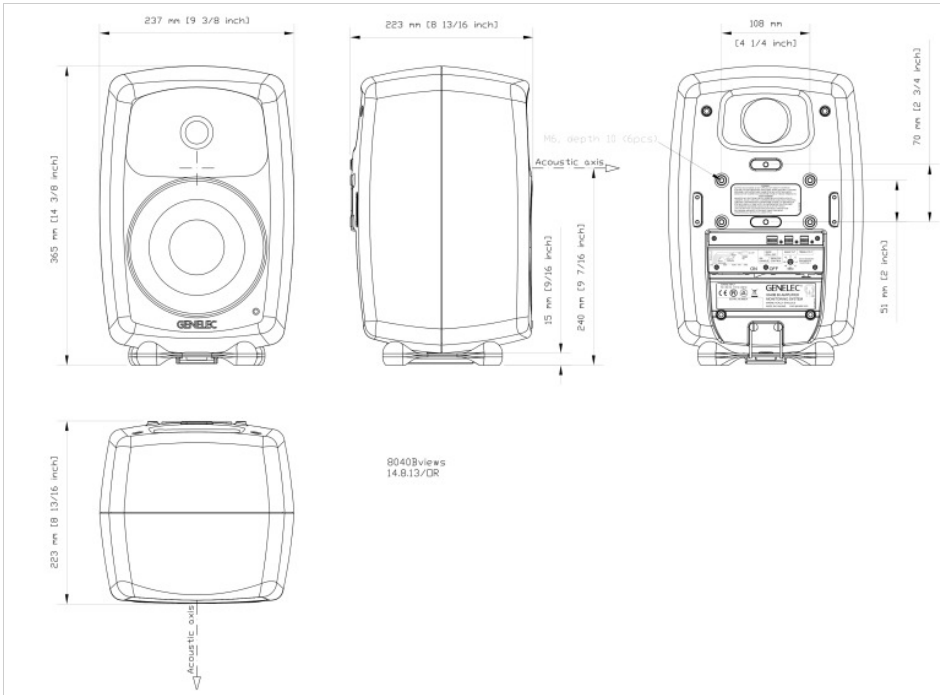
Dimensions

Height
350 mm (13 3/4 in)

Height with Iso-Pod
365 mm (14 3/8 in)

Width
237 mm (9 3/8 in)

Depth
223 mm (8 3/4 in)



Enclosure

Enclosure material
Die cast aluminium

Enclosure type
Reflex port

Drivers

Bass

Driver type
Cone

Magnetically shielded

Diameter
165 mm (6 1/2 in)

Treble

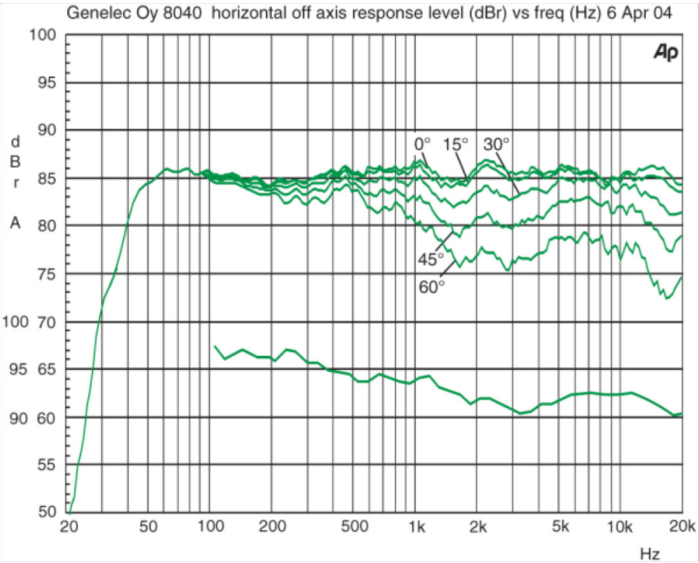
Driver type
Metal dome

Magnetically shielded

Diameter
19 mm (3/4 in)

Directivity

Horizontal directivity



Harmonic distortion

50...100 Hz ≤2 %
> 100 Hz ≤0.5 %

Amplifiers

8040B bass amplifier 90 W Class AB	8040B treble amplifier 90 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 110 W
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Connectors

Input

Analog signal input connector XLR female, balanced 10 kOhm.

Crossover

Bass/Treble
3000 Hz

Product codes

Code	Product information	EAN code	CN code
8040BPM	8040B Studio Monitor Dark Grey		
8040BWM	8040B Studio Monitor White		
	8040B Studio Monitor RAW		

Product codes

Code	Product information	EAN code	CN code
8000-406	8000-406 Short table stand		
8000-325B	8000-325B Table stand L-shape, Black		
8000-325W	8000-325W Table stand L-shape, White		
8000-450B	8000-450 TRIOL Floor Stand Black		
8000-450W	8000-450W TRIOL Stand White		
8000-400	8000-400 Genelec Design stand		
8000-409B	8000-409B Floor stand (950-1430 mm)		
8040-408	8040-408 Stand plate for 8X40, 8341 Iso-Pod		
8040-438W	8040-438W White stand plate for 8X40, 8341 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
8341-450B	8341-450B Flush mount kit, Black
8000-841	8000-841 Empty case for two pcs 8X40/8341, Matte Black
8040-423	8040-423 Soft carrying bag for two pcs 8X4X, Black
	4000-414 Wall mount Black
	4000-414 Wall Mount White

For even more technical details please see product operating manual.