



M SERIES

HD WIRELESS MUSIC SYSTEMS

Two speakers, one entire high-resolution wireless audio system.

Introducing the M Series from Q Acoustics. The M Series powered speaker range consists of two compact but powerful models: M20 bookshelf and M40 micro-towers.

Each model is designed to deliver extraordinarily accomplished high-resolution stereo sound, no matter the setting. Each is perfect as a main audio system where space is at a premium, or as a step on the hi-fi ladder for music-lovers who don't want a component-heavy system of full-on hi-fi separates. Each can be the ultimate second-room system. No matter the circumstances, an M Series system is the most convenient, powerful and immersive way to enjoy music, movies and gaming sound anywhere in the home.

M Series is specified to perform in every situation. From its extensive support for wireless and wired sound sources to its innovative acoustic technologies and integrated amplification, M Series delivers an affordable high-resolution audio experience like no other.



M SERIES

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Compact and discreet, interior-friendly design

Both the M20 and M40 models are designed for performance - but they're also designed to discreetly complement all interior decor choices. Each is available in one of three classic-but-contemporary finishes: walnut, white and black.

The M20 is the more compact model and is perfectly at home on a shelf or a desktop every bit as much as on a wall-bracket or speaker stand. The M40, meanwhile, is an inventive micro-tower design - standing just 71cm high, these are the most compact and discreet floorstanding loudspeaker around yet deliver full-sized power and scale. And, of course, the design of each model serves to enhance Q Acoustics' reputation for eloquent, precise and immersive sonic performance.



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Q
ACoustics

High-resolution wireless stereo experience

Each M Series model features extensive wired and wireless connectivity options. Bluetooth® 5.0 with aptX™ HD and aptX™ Low Latency codec compatibility guarantees both an ultra-stable wireless connection to your smartphone or tablet and favourite music streaming service, and 24bit/48kHz high-resolution audio quality from any compatible device.

Connect your M Series to a computer via USB and 24bit/192kHz studio-quality sound can be yours. And there are more than enough inputs to allow your TV, set-top box, games console, turntable (with appropriate pre-amp), CD player, network streamer or anything else that takes your fancy to join in the high-resolution stereo experience. And just in case you really want to shake the room, there's a pre-out for a subwoofer too.



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Immersive sound for music, movies and gaming

Like every Q Acoustics speaker, the M Series is designed to deliver class-leading sound. Whether listening to music, gaming, or watching movies or TV, M Series is always a low-distortion, high-quality listen.

M20 features 64 watts of digital amplification, driving a decoupled 22mm tweeter and 125mm mid/bass driver for crisp highs and deep, textured lows. The M40, meanwhile, has 200 watts of power and features the C³ Continuous

Curved Cone™ mid/bass first driver design introduced in the award-winning 5000 Series of loudspeakers. This ensures smooth integration with its accompanying tweeter and deep, controlled bass response.

Both models feature a rear-firing bass reflex port in each speaker to provide low-frequency reinforcement. And both models offer nuanced, balanced and immersive sound quality every time.



C³ Continuous Curved Cone™

A genuine advancement in elements of mid/bass driver design and first introduced in the 5000 series, the M40* benefits from our new C³ Continuous Curved Cone™ profile. The result of extensive research and expert engineering, it combines the bass performance benefits of a traditional straight conic cone with the high/mid-range frequency control of a flared cone.

By creating a single, smooth, continuous curve profile, the advantages are manifold. Firstly, its excellent dispersion, alongside its well-controlled frequency response, enables smoother integration with the tweeter. Deep bass dynamics are also superior, with this and tighter, damped low-end sound allowing more flexibility in placement of speakers near the wall boundaries of the listening room. Harmonic distortion is also

reduced, ensuring the M40 delivers a sonic performance and wide soundstage that belies its ranking.

The C³ Continuous Curved Cone™ profile has successfully addressed shortcomings in one of the basic geometrical elements of drive unit design to deliver the best characteristics of both straight and flared cones.



*M40 only

Shaped to sound better

Every element of the M Series design is engineered to deliver exceptional audio performance. Featuring Q Acoustics' proprietary (and award-winning) Point to Point™ (P2P™) cabinet bracing technology, every relevant part of the speaker enclosure is supported and stiffened. The result is an extraordinarily rigid cabinet that rejects standing waves to optimise the focus of the stereo image and deliver a big, well-defined soundstage.

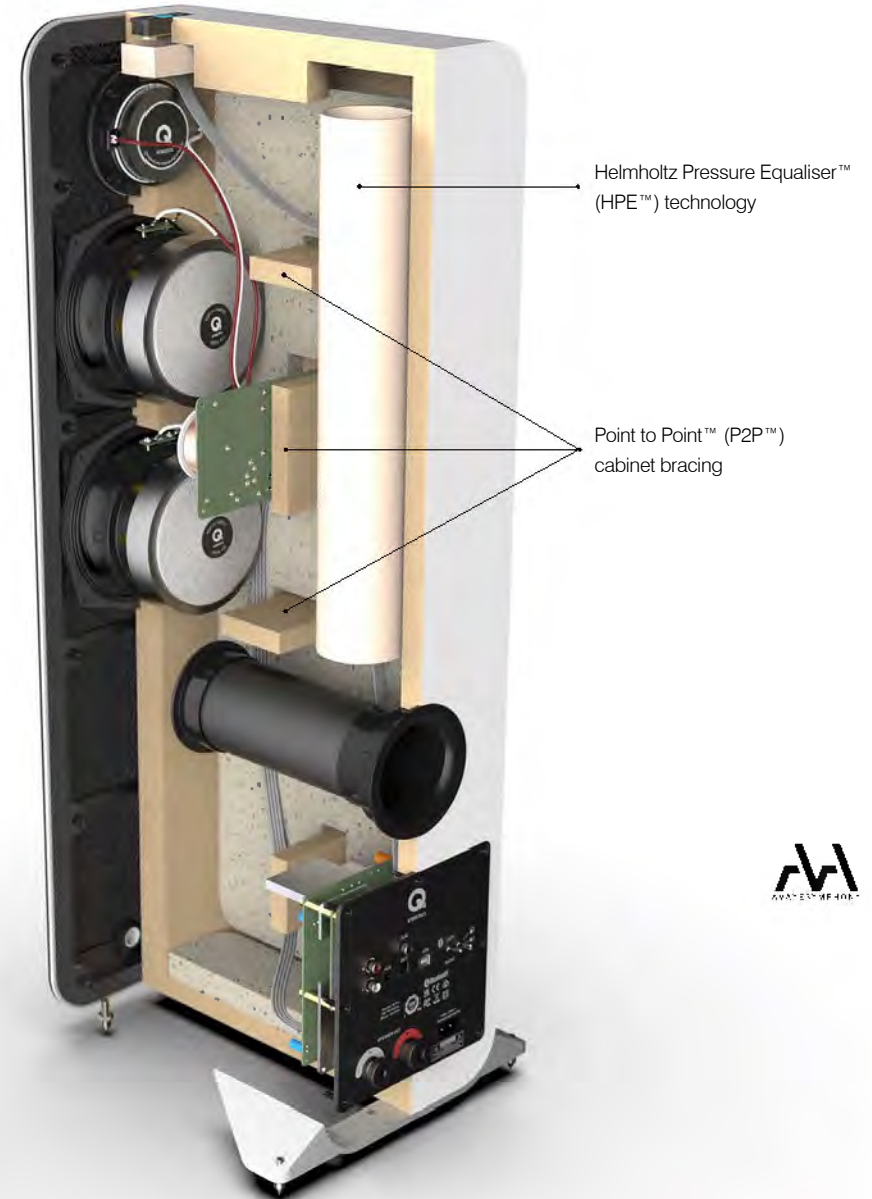
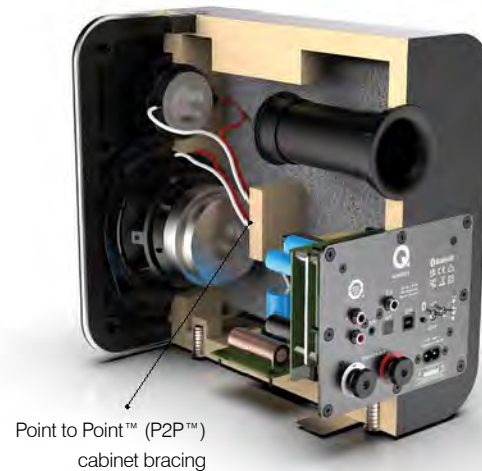
The M40 micro-towers also feature Helmholtz Pressure Equaliser™ (HPE™) technology to further reduce standing waves. In conjunction with a fixed grille design that minimises disruption of sound dispersion patterns and reduces sonic reflections, Q Acoustics cabinet technology makes a huge contribution to the open, natural and absorbing M Series sound.



Without HPE™



With HPE™



Always in the right place

It's easy to set-up the M20 and M40 so the system is always performing to its maximum, no matter where it is in the room. As well as being able to designate the powered speaker as either the left or right channel (to make accessing mains power as simple as possible), there's also an EQ switch to let the system know if each speaker is positioned in a corner, against a wall or in free space so its digital sound processing can work its magic and optimise the audio performance.



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Finishes

Boasting ultra-compact designs to fit seamlessly into any space in the home, both models arrive in a choice of three stylish and contemporary finishes: walnut, white and black, that will elegantly blend into any interior décor design.

Black

Walnut

White



M40



Black

Walnut

White



M20



M20 Specifications

Power	
Supply Voltage	100V-240 VAC, 50-60 Hz
Power Consumption	
Standby	<0.5 Watts
Typical use	~10 W
Amplifier Performance	
Peak Power Output	2 x 64 W
Rated Output Power (4 Ohms)	2 x 32 W RMS
THD @ Rated Power	<0.7%

Acoustics	
Enclosure type	2-way reflex (ported)
Mid/Bass unit	1 x 125 mm (5.0 in)
Treble unit	1 x 22 mm (0.9 in)
Crossover frequency	2.4 kHz
Frequency Response (-6dB)	55 Hz – 22 kHz
Inputs	
Analogue (2 x Phono)	
Sensitivity	400 mV RMS
Max. input level	2.15 V RMS
Analogue (3.5mm Jack)	
Sensitivity	220 mV RMS
Max. input level	1.25 V RMS
Optical (S/PDIF)	TOSLINK (Max resolution: 24 bit/192 kHz)
USB	Type B connector (Maximum resolution: 24 bit/192 kHz)

Outputs	
Sub out (Phono)	
Max. Output	1 V RMS
Dimensions	
(W x H x D) Inc. Stabilisers & Spikes	170 mm x 279 mm x 296 mm (6.6" x 11" x 11.7")
Weight	
Amplified speaker	5.5 kg (12 lb 2 oz)
Passive speaker	5.1 kg (11 lb 2 oz)
Bluetooth®	
Bluetooth® version	5.0
Supported codecs	aptX™, aptX™ HD, aptX™ Low Latency, SBC, AAC



M40 Specifications

Power	
Supply Voltage	100V-240 VAC, 50-60 Hz
Power Consumption	
Standby	<0.5 Watts
Typical use	~10 W
Amplifier Performance	
Peak Power Output	2 x 100 W
Rated Output Power (4 Ohms)	2 x 50 W RMS
THD @ Rated Power	<0.7%

Acoustics	
Enclosure type	2-way reflex (ported)
Mid/Bass unit	2 x 125 mm (5.0 in)
Treble unit	1 x 22 mm (0.9 in)
Crossover frequency	2.5 kHz
Frequency Response (-6dB)	38 Hz – 22 kHz
Inputs	
Analogue (2 x Phono)	
Sensitivity	700 mV RMS
Max. input level	2.15 V RMS
Analogue (3.5mm Jack)	
Sensitivity	400 mV RMS
Max. input level	1.25 V RMS
Optical (S/PDIF)	TOSLINK (Max resolution: 24 bit/192 kHz)
USB	Type B connector (Maximum resolution: 24 bit/192 kHz)

Outputs	
Sub out (Phono)	
Max. Output	1 V RMS
Dimensions	
(W x H x D) Inc. Stabilisers & Spikes	250 mm x 710 mm x 296 mm (10" x 28" x 11.7")
Weight	
Amplified speaker	12.4kg (27 lb 5 oz)
Passive speaker	11.8g (26 lb)
Bluetooth®	
Bluetooth® version	5.0
Supported codecs	aptX™, aptX™ HD, aptX™ Low Latency, SBC, AAC





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