



**Qmotion**



## Q motion Range

QM 600AS // QM 1000A // QM 108 // QM DC10 //  
QM DC12 // QM 12MP // QM 12FR //



## Quest Q motion; versatile audio system for sound guys on the move

**You don't have to be an expert in sound engineering to get professional results - You just need an expert sound system**

The Quest Q-motion series has been designed for audio professionals and is particularly suited to the world of equipment rental, club installation and compact touring. The Quest Engineering custom manufactured speaker components are designed to handle tough pro stage environments and still maintain the sonic fidelity demanded by audio professionals. Well built cabinet work with all the right installation options make the Q-motion series a versatile solution especially when used in conjunction with Quest amplifiers.



### QM 108

#### **A micro speaker for macro vocal projection**

The QM 108 is a birch timber ultra compact mid powered 2-way mid bass-high trapezoid passive speaker for mobile and fixed installations.

A Quest Engineering designed 8" cast frame woofer and 20mm throat waveguide horn driver combination have been engineered particularly to give good vocal performance and the right power handling to reproduce complex music program.

Great as a stand alone satellite speaker or as part of a high SPL.

### QM DC10 and QM DC12 multi purpose monitors

#### **Compact multi-purpose dual concentric speakers: the little speakers for people who think big**

More power, vocal clarity and less feedback thanks to purpose designed dual concentric drivers and onboard Quest passive processing electronics. Whether as super compact fold-back monitors or short/mid throw front-of-house, the DC series offer high performance and flexibility without compromise.

#### **The pro package with punch**

- 10/12" purpose designed Quest woofer
- 1" conical rear mounted HF
- High slope crossover with HF with FET - protection
- Recessed Speakon NL-4 inputs
- Heavy gauge steel grill
- Birch ply epoxy painted cabinet
- 35mm pole mount
- 2 set-up angles for optimum positioning
- Recessed carry handles
- Ideal for small stages
- Available in 10 and 12 inch models
- Ideal partner for the QM1000a sub satellite system

QM 108

### QM 12FR and QM 12MP

#### **High powered Front of House, and the ultimate in multi-purpose monitors**

Rental production companies will really appreciate the compact size, light weight, power handling and exceptional sonic performance of the Quest designed 1.4" high frequency driver and lots of power handling thanks to its 3" high temperature voice coil and titanium alloy diaphragm. The 12" woofer has a cone profile and suspension combination that suppresses harmonic resonance at 300 Hz, which is normally common in 12" drivers used in full range boxes.

The product is an exceptionally smooth frequency response at all power input levels.

#### **QM 12FR Trapezoid full range Front of House - forget the EQ and stand back**

Complete with cargo-track fly-rails and 35mm pole top hat, the 12FR is easy to install and easy to listen too. The horn/flare combination minimises "hot-spots" and the overall EQ profile is very smooth and musical and has a usable full frequency response to 72Hz. Ideal for mobile or fixed club installation, the 12FR is an ideal solution for mid-sized shown at high SPL without losing vocal clarity.

- Club live music and disco installations
- Mobile band or corporate theatre
- Performing arts centres as full range speakers or with sub bass enhancement
- Large stage A/V presentations
- Corporate theatre
- Production rental

#### **QM 12 MP (L&R) Fold-back was never so easy!**

The QM12MP multi-purpose monitor speaker is sold in left and right pairs and is specifically designed for mid sized stages with very high levels of stage and background noise. If you have to deal with loud stages and you want a monitor that will need almost no vocal EQ, this is the wedge for you!

Easy rigging options mean the QM 12MP can also double as a front-of-house speaker too.

Available in left and right floor wedge horn configurations.



# Powered bass modules designed to mix and match

## The ultimate in compact mix and match PA systems

One word sums up the QM 1000A Flexi-system; flexibility. Mobile DJ, small band, bar installation, corporate theatre, audio visual multi media production, with a QM 1000A you can cover these compact production requirements all in the same week. Adjustable cross-over and a multiplicity of system configuration options. 8 ohms independently accessible satellite amplifiers, a system controller, adjustable cross-over and a multiplicity of system configuration options.

## QM 600AS

### When you need more bass

This compact high output self-powered subwoofer is the ideal general purpose bass system for any compact passive or powered portable PA. QM 600AS active subwoofers combines a high headroom 650 watt amplifier, an adjustable electronic cross-over processor section and Quest designed low distortion, 15" sub bass woofer. Adjustable input cross-over allows you to match to any mid high or full range speaker.

## QM 1000A

### Simple full range compact PA or a building block to a sophisticated system

The QM 1000A and 2 x QM 108 Mid/High speakers make a great full-range system to achieve professional results for full range high output in medium-sized venues and for small band or DJ. Or for larger shows, add 2 powered satellite speakers to the system and use the internal amplifiers to run two channels of independent fold-back.

Alternatively the QM 1000A can power up to any 4 x passive speakers as a mixture of front of house and/or fold-back in either full range or crossover output mode. A pair of QM 1000 bass modules will give you a total of 4 extra amplifiers you can configure for many combinations of fold-back and front of house configurations. A 35 mm pole mount socket and two side handles completes the package and optional dolly carts and transit covers are available.



Back of QM 600AS

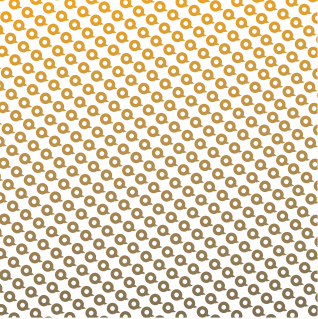


QM 1000A Back Panel Detail



Front of QM 10DC

Back of QM 12MP



	Powered Sub		Passive Speakers				
	QM 600AS	QM 1000A	QM 108	QM DC10	QM DC12	QM 12MP	QM 12FR
Power Handling (Nominal)			200W	250W	300W	500W	500W
Frequency Response +/- 3dB	40Hz-80/200Hz	40 Hz - 80/200Hz	80Hz - 20kHz	75Hz - 18Khz	69Hz - 18Khz	65Hz - 20Khz	55Hz - 20Khz
MaximumSPL@1m	127dB	127dB	120dB	123dB	126dB	128dB	129dB
Sub Amplifier Power	650W	650W					
Mid / High Amplifier		2 x 200W 8 ohms					
Subwoofer	1 x 15"	1 x 15"					
Impedance			8 ohms	8 ohms	8 ohms	8 ohms	8 ohms
Connections	2 x XLR In 2 x XLR Out	2 x XLR In 2 x XLR Out 2 x Speakon NL4	2 x Speakon NL-4	2 x Speakon NL-4	2 x Speakon NL-4	2 x Speakon NL-4	2 x Speakon NL-4
Midrange Woofer			1 x Quest designed 8" Woofer	1 x Quest designed 10" Woofer	1 x Quest designed 12" Woofer	1 x Quest 12" high powered mid-bass woofer	1 x Quest 12" high powered mid-bass woofer
Tweeter			Driver 3/4"	Driver 1" centre mounted in a dual concentric horn	Driver 1" centre mounted in a dual concentric horn	High powered Driver 1.4" Throat exit with 3" voice coil	High powered Driver 1.4" Throat exit with 3" voice coil
Directivity			90° x 60° CD Horn	Conical horn 90x90 degrees	Conical horn 90x90 degrees	90x60 Bi-Radial horn	90x60 Bi-Radial horn
Operating Temperature Range			-10°C to 55°C	-10°C to 55°C	-10°C to 55°C	-10°C to 55°C	-10°C to 55°C
Dimensions WxHxD mm	450 x 535 x 635	450 x 535 x 635	265 x 420 x 240	360 x 300 x 420	430 x 340 x 500	390 x 340 x 600	425 x 585 x 405
Weight	45kg	49kg	9.6kg	11.5kg	16kg	23kg	24kg

\*Specifications to change through product development and local power supply variations

#### Limited Warranty

Quest electronics are covered in defects in workmanship or materials for a period of 2 years from the original date of purchase. Warranty does not cover cosmetic or finish and does not apply to any items which have failed due to abuse, accidents, modifications, or any type of misuse. Unauthorized repair shall void the warranty and all warranty repairs must be carried out by Quest Engineering or an authorized distributor/service centre. Quest Engineering reserves the right to change specifications without notice.

[www.questaudio.net](http://www.questaudio.net)

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