

Monitor series

PROFESSIONAL
LOUDSPEAKER SYSTEMS

MONITOR

RCF



the rules of sound

AUDIOPHILE SOUND QUALITY

Building upon the solid tradition of the existing RCF Monitor Series Professional Loudspeaker Systems, RCF are pleased to introduce the New Monitor Q Series.

The Monitor Q Series is an additional family to add to the outstanding versatility of the RCF Monitor range of speakers. Our objectives are to provide you with an additional choice of 'cosmetically pleasing' fashion orientated compact installation speaker systems. Plus unique 'Contractor Solutions'.

The Monitor Q Series offers modern industrial design along with impeccable acoustic engineering with six installation specific models. RCF Engineers have worked to create a true combination of design and acoustics with 'installation friendly' mounting and fixing systems to please both the Sound Contractor, architect and end client. For example the MQ50 has a truly innovative speaker fixing system which allows the contractor to wire in and terminate connections via the bracket assembly during a 'first fix' part of the installation. Then simply when the building project is complete the speaker and included termination cable is simply plugged into the pre-fixed bracket assembly. Available in different colours, all models can be easily re painted to match any decor. A complete line of 'Mounting Accessories' are also available to assist the contractor.

Monitor
series



MQ30P

The MQ30P is an orientable two-way mini-speaker. The components are a 3" woofer and a coaxial dome tweeter that ensure a wide angle of coverage. Combined with a subwoofer, the MQ30P allows high quality music distribution with high output levels. An important feature of the MQ30P is that it provides consistent reproduction of all the frequencies involved in voice transmission and therefore, alone or in combination with a subwoofer, makes it possible to obtain a high level of vocal intelligibility. The MQ30P has been designed to adhere closely to the wall or ceiling and thus it has a limited protrusion. The built-in hinged support makes the speaker easy to install and orient in any direction. Like the other Monitor Q products, MQ30P installation is simple and flexible.



MQ50

The MQ50 is a monitor speaker for constant directivity installation. It is a two-way speaker with 5" woofer and waveguide-loaded dome tweeter to ensure intelligibility and correct dispersion of the sound over a wide angle of coverage. The built-in support makes the MQ50 easy to install and enables close fitting to the wall, limiting its protrusion. The exclusive attachment system designed for the MQ50 model allows the installer to fit the attachment bracket to the wall and make the electrical connections during the preinstallation phase; subsequently, when all the works are completed, the MQ50 is positioned, oriented, and connected with a simple "click", without the need for tools.



MQ60H

The MQ60H is a wall mount monitor speaker designed to guarantee uniform coverage of a large area in order to limit the number of speakers and therefore the installation points.

It is a two-way speaker with three transducers: the 5" woofer and the two horn-loaded dome tweeters with constant directivity are positioned in such a way as to ensure the maximum listening comfort within the area covered.

Installation is carried out in two phases: first, you mount the support on the wall and make the electrical connections; when all the works are completed, you insert the speaker and make a quick connection.



MQ50C

Compact design, light weight and limited depth make the RCF MQ50C 2-way ceiling monitor loudspeakers ideal for use in any PA systems and background/foreground music systems where high quality sound reproduction is required. The woofer is a high-excursion, PP coated paper cone – rubber surround design mounted in a tuned enclosure. The fabric dome tweeter is loaded on a constant Q wave guide to provide natural, smooth sound reproduction on a wide dispersion angle. Installation of the MQ50C is fast and efficient using the built in rotating hooks. No additional brackets or rings or other supports are required: thanks to its lightweight construction the speaker can be mounted as a conventional ceiling speaker. Connections are made to four polar loop thru Euroblock male and female connectors to easily offer parallel in/out wiring facilities. Wattage taps and voltage adjustments together with 16-ohm operation are selectable by means of a Rotary switch, accessible under the frontal grill. A front protection system is provided for over-painting the bezel and grille.



MQ90S

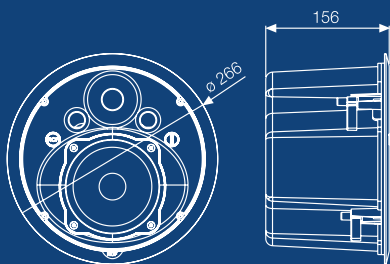
The MQ 90S subwoofer is innovative and compact. Unlike competing models, that require all of the satellite speakers to be wired directly to the subwoofer, the MQ 90S can be parallel wired anywhere along the constant voltage wire pair.

The high power transducer is a unique 8" woofer design that achieves truly impressive performance for its size when matched with the special bandpass and enclosure design of the MQ 90S.

Electrical connections are made to removable terminals that allows for easy daisy-chaining. A built-in 70/100V transformer provides selectable wattage taps. The enclosure is constructed of high density MDF board with a scratch resistant.

The MQ 90S is a part of RCF Monitor Q series, integrated for business applications. Speakers include full range and a complementary low frequency system, all designed for constant voltage parallel connection.

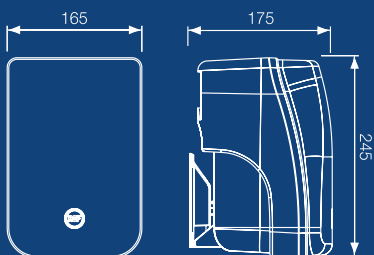
MQ50C



Type Of Speaker:	Two-way bass-reflex
Speaker:	Woofer 5" neodymium magnet 1" dome tweeter fabric diaphragm, neodymium magnet
Sensitivity:	92 dB SPL 1W/1m
Frequency response(-10dB):	70 – 20,000 Hz
SPL:	112 dB
Power/RMS:	120/60 W Bypass
Impedance:	[Bypass] 16 Ohm

Line transformer [100V]:	30W - 20W - 10W - 5W
Line transformer [70,7V]:	15W - 10W - 5W - 2,5W
Coverage angle:	120°
Ceiling void protrusion:	160 mm
Hole for flush mounting:	248 mm
Connectors:	Removable Euroblock
Dimension (Ø x P):	265 x 155 mm
Colour:	white silver
Weight:	2.2 Kg

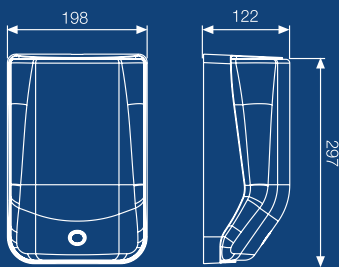
MQ50



Type Of Speaker:	Two-way bass-reflex
Speaker:	LF 5" - HF 0,75" soft-dome tweeter on wave guide
Sensitivity:	89 dB SPL 1W/1m
Frequency response(-10dB):	100 – 20,000 Hz
SPL:	110 dB
Power/RMS:	120/60 W Bypass
Impedance:	[Bypass] 16 Ohm

Line transformer [100V]:	30W - 20W - 10W - 5W
Line transformer [70,7V]:	15W - 10W - 5W - 2,5W
Coverage angle:	120° X 90°
Connectors:	Removable Euroblock
Dimension (W x H x D):	165 x 245 x 175 mm
Colour:	white black silver
Weight:	2.6 Kg

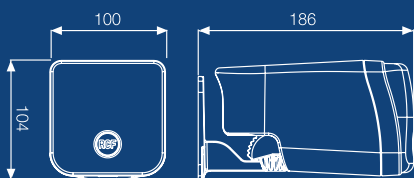
MQ60H



Type Of Speaker:	Two-way bass-reflex
Speaker:	LF 5" - HF two X 1" soft-dome tweeters with constant directivity horns
Sensitivity:	88 dB SPL 1W/1m
Frequency response(-10dB):	100 – 19,000 Hz
SPL:	107 dB
Power/RMS:	120/60 W Bypass
Impedance:	[Bypass] 16 Ohm

Line transformer [100V]:	30W - 20W - 10W - 5W
Line transformer [70,7V]:	15W - 10W - 5W - 2,5W
Coverage angle:	180° X 120°
Connectors:	Removable Euroblock
Dimension (W x H x D):	198 x 297 x 125 mm
Colour:	white black silver
Weight:	2.8 Kg

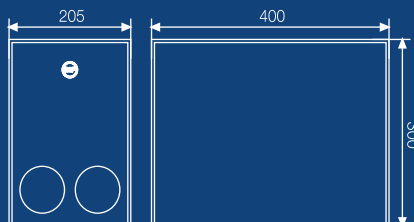
MQ30P



Type Of Speaker:	Two-way pneumatic suspension
Speaker:	LF 3 1/2" - HF coaxial soft-dome tweeter
Sensitivity:	88 dB SPL 1W/1m
Frequency response(-10dB):	160 – 20,000 Hz
SPL:	102 dB
Power/RMS:	24/12 W Bypass
Impedance:	[Bypass] 16 Ohm

Line transformer [100V]:	12W - 6W
Line transformer [70,7V]:	6W - 3W
Coverage angle:	120°
Connectors:	Removable Euroblock
Dimension (W x H x D):	100 x 100 x 186 mm
Colour:	white black silver
Weight:	1.1 Kg

MQ90S



Acoustical system	Band pass
Woofer	8"
Sensitivity	89 dB SPL 1W/1m
Frequency response (-10dB)	70 - 220 Hz
SPL Max	111 dB
Musical Power	160/80W Bypass
Input Voltage	70,7 - 100 V

Nominal Impedance [Bypass] 16 W	
[100V]: 166 W - 60W, 333 W - 30W, 666 W - 15W, 1.333kW - 7.5W	
[70,7V]: 166 W - 30W, 333 W - 15W, 666 W - 7.5W, 1.333 W - 3.75 W	
Crossover frequency	200 Hz
Filter	12 dB/oct
Cabinet material	PVC covered Chipboard and Painted Front Medium density
Input Connector	Euroblock
Dimension (L x H x P)	203 x 300 x 400 mm
Colour	Black
Weight	8 Kg



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RCF SpA Italy:
tel. +39 0522 274 411 - fax +39 0522 232 428
www.rcfaudio.com - e-mail: info@rcf.it

RCF UK Sales Office:
tel. +44 7005 402181
e-mail: info@rcfaudio.co.uk

RCF France Sales Office:
tel. +33 6 07501800
e-mail: rcfrance@aol.com

RCF Germany Sales Office:
tel. +49 2203 925370
e-mail: germany@rcf.it

RCF USA Sales Office:
tel. +1 (603) 926-4604
e-mail: rcf-usa@comcast.net