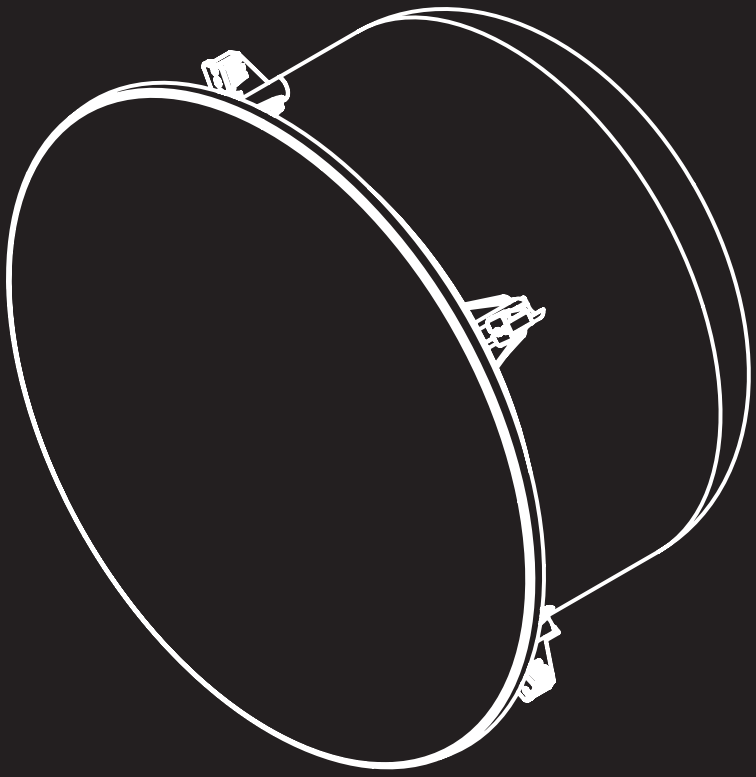
Quest engineering

MX SERIES



MX6C

(formally known as MXC601)

General Description

The MX6C, is a high performance, back-canned ceiling speaker. Designed to match the sonic performance of an MX601.

Offering the same low impedance of 16Ω, and selectable 70/100V line tap settings; the MX6C is the perfect companion in a larger MX Series, or mixed component system.

A Design First

The MX6C features an elegant minimalistic, bezel-free magnetic grille. Together with an ultra-low resonance steel back-can design.

A die-cast 6" woofer coupled with a titanium tweeter; result in studio quality performance.

Whether it be residential, commercial, or other; the MX6C is right at home performing in both applications.

This impressive 2-Way design enables the MX6C to produce high-fidelity playback, in the most demanding environments.

Safety Precautions

- Be sure to read the instructions in this section carefully before use.
- Make sure you observe the instructions in this manual as the conventions of safety symbols and messages are very important.
- We also recommend you keep this instruction manual handy for future reference.

Safety Symbol and Message Conventions

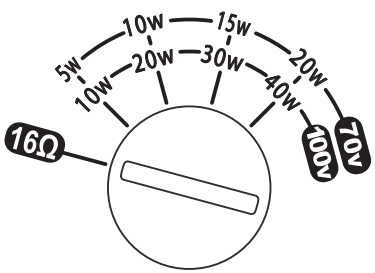
Safety symbols described below are used in this manual to prevent personal injury and property damage, which could be a result of mishandling. Before operating your product, read this manual first and understand the safety symbols and messages, so you are thoroughly aware of any risks.

⚠ WARNING

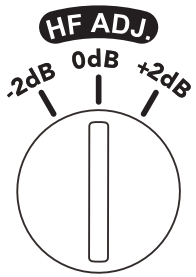
Ensure the safety cable is fixed to a suitable mounting point.

Controls

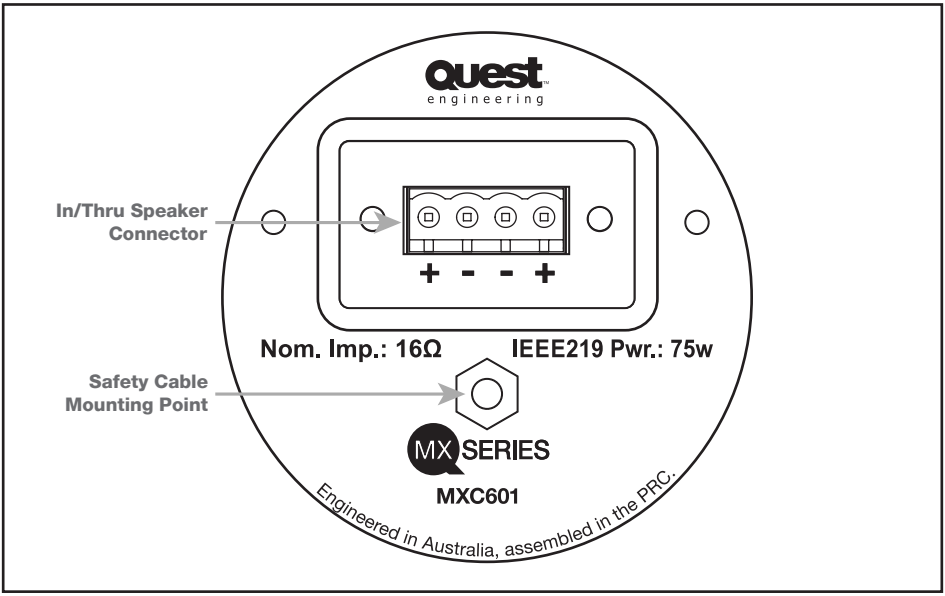
Tap Settings



High Frequency Adjustment

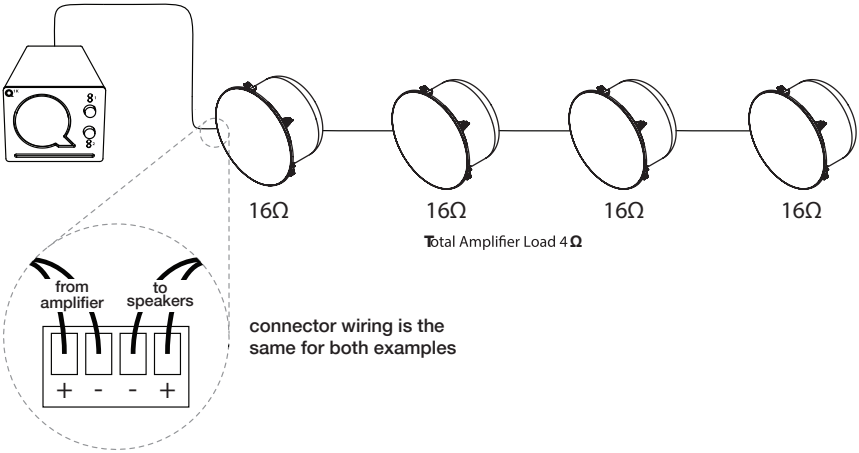


Rear Panel



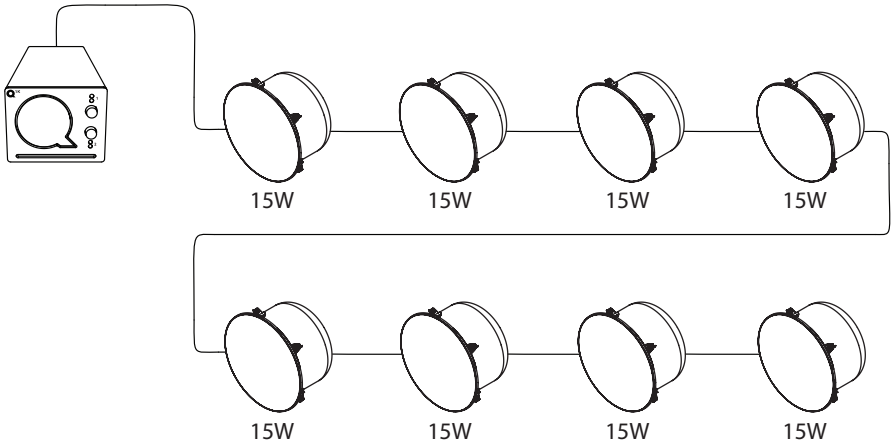
Amplifier Wiring Examples

Parallel Wiring (low impedance selected)



connector wiring is the same for both examples

100V/70V System (example shows 15W tap setting)



Total Amplifier Load 120W
(not including other parasitic loading, always allow amplifier headroom)

***Q1K Amplifier shown is capable of low impedance, or 70V operation**

Technical Parameters MX6C				
Max SPL *calculated			**113dBSPL**	
Max Power Handling (IEEE219)			**240W**	
Sensitivity *5-band average			**91dB**	
Frequency Response			**±2dB 70Hz – 20kHz**	
Impedance			**16Ω**	
Transformer Taping			**100V**	**10w/20w/30w/40w**
			70V	**5w/10w/15w/20w**
	RMS	**75W**	**Peak**	**100W**
Transducers	**HF**	**25mm Titanium Dome Tweeter**	**LF**	**6” High Performance Polypropylene Woofer**
Directivity *H x V			**130° -10dB**	
Connections			**Captive Screw Terminal Plug (In/Thru)**	
Cutout Size			**254mm Diameter**	
Dimensions *W x D			**276 x 160mm**	
Net Weight			**2.9 kg**	
Shipping Weight			**3.9 kg**	

*** Quest Engineering reserves the right to make changes in specifications, or products without prior notice.**
**** The figures shown above are ‘real world’, usable specifications and are conservative as a result. Quest Engineering does not believe in portraying misleading or exaggerated specifications.**

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- REGISTER YOUR PRODUCT
- PROTECT YOUR NEW PRODUCT

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