

IN-CEILING SPEAKERS

FYNE ADVICE

ESSENTIAL INFORMATION GUIDE



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1 INTRODUCTION

Thank you for choosing Fyne Audio loudspeakers, proudly designed by our experienced engineers and manufactured to exacting standards. We believe they will give you many years of listening pleasure.

2 SAFETY



For safety reasons, and to ensure you achieve the best performance possible, please fully read this document before installing these loudspeakers.

Building Regulations will most likely require a fire hood is installed behind the loudspeaker. It is the duty of the installer to comply with local regulations and fit a suitably approved design from a third party manufacturer. Fyne Audio will not be held responsible in any manner for the consequences of not doing so and for any consequential loss.

These speakers must always be connected to a suitable amplifier and **NEVER** to a mains supply.

Ensure there are no water, gas pipes or cables behind the ceiling or wall where you are installing the loudspeaker. If in doubt, consult a qualified tradesman. Ensure any steps are secure and be aware of trailing wires.

3 UNPACKING

Check the carton contents according to model:

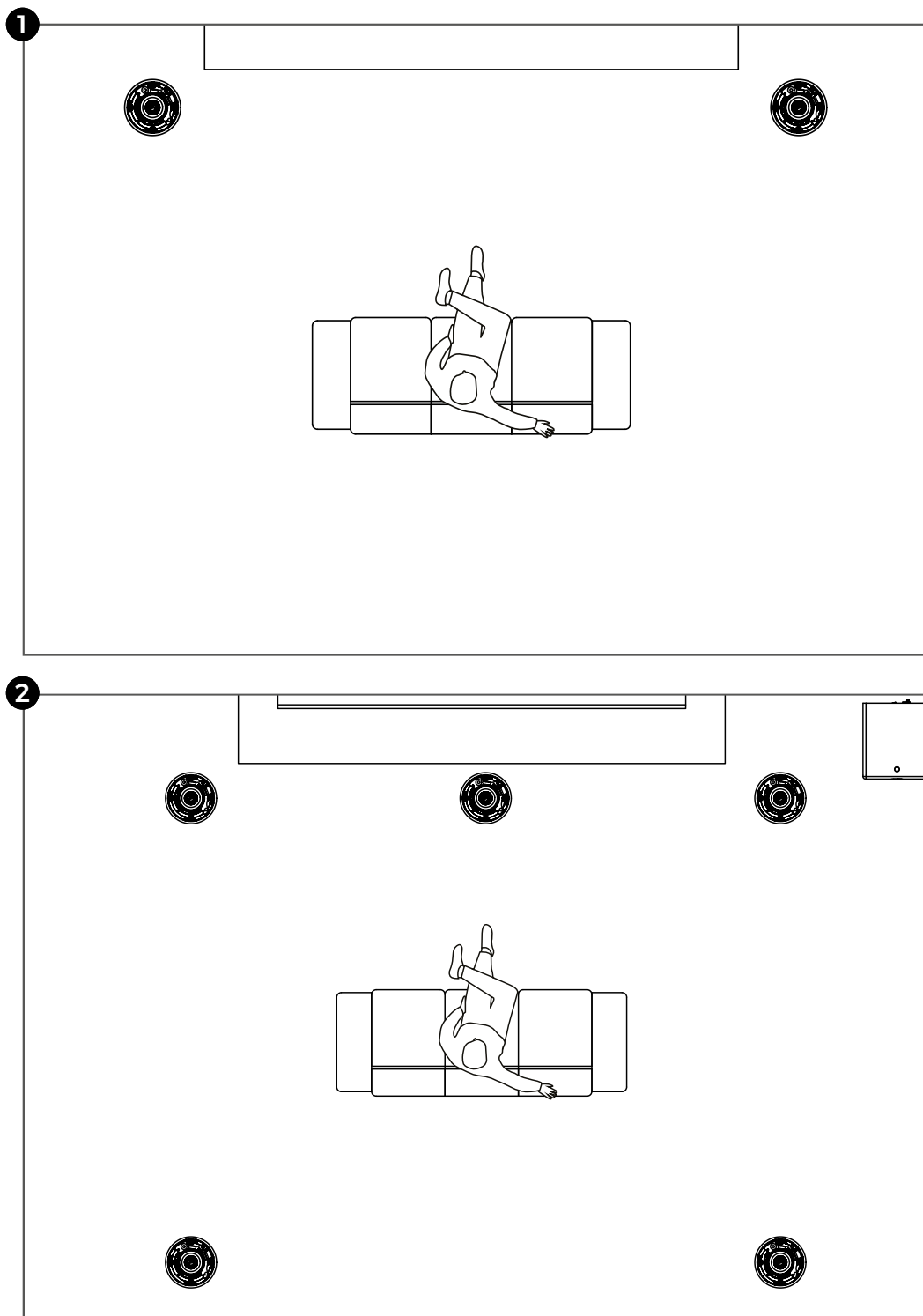
- **FA301iC** - 1 x 6" Coaxial loudspeaker, 1 x round grille, 1 x mounting template
- **FA302iC** - 1 x 8" Coaxial loudspeaker, 1 x round grille, 1 x mounting template
- **FA501iC** - 1 x 6" IsoFlare™ loudspeaker, 1 x round grille, 1 x square grille, 1 x mounting template
- **FA502iC** - 1 x 8" IsoFlare™ loudspeaker, 1 x round grille, 1 x square grille, 1 x mounting template
- **FA502iC LCR** - 1 x 8" IsoFlare™ loudspeaker, 1 x round grille, 1 x mounting template

NOTE: Optional square grilles can be supplied for the FA301iC & FA302iC models (please contact your Fyne Audio distributor).

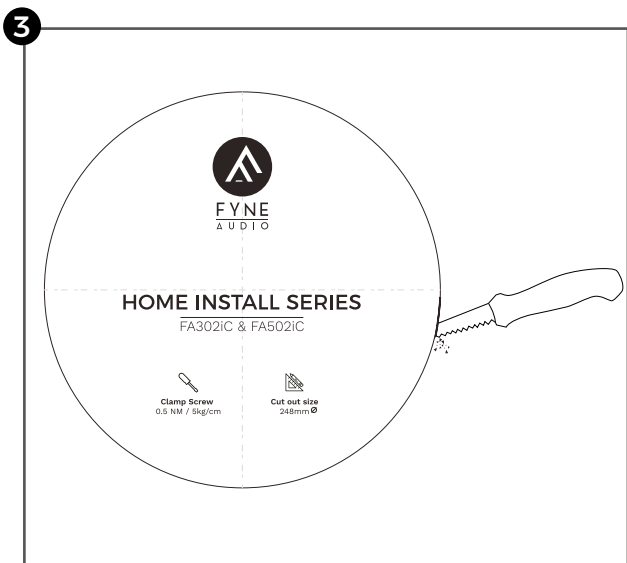
4 POSITIONING

The Fyne Audio iC range of loudspeakers are designed to be equally applicable to both stereo or multi-channel surround sound systems, taking care to position according to the primary listening area. Below is an example of a typical 2 channel set up in (Fig 1) and a 5.1 channel set up in (Fig 2).

- **FA301iC & FA302iC** - The Coaxial tweeter should be angled to point towards the centre of the primary listening area. To do this, press down on the silver trim edge of the tweeter firmly, to achieve the desired angle.
- **FA502iC LCR** - The IsoFlare driver is mounted at an angle in the baffle moulding and should be aimed towards the centre of the primary listening area.

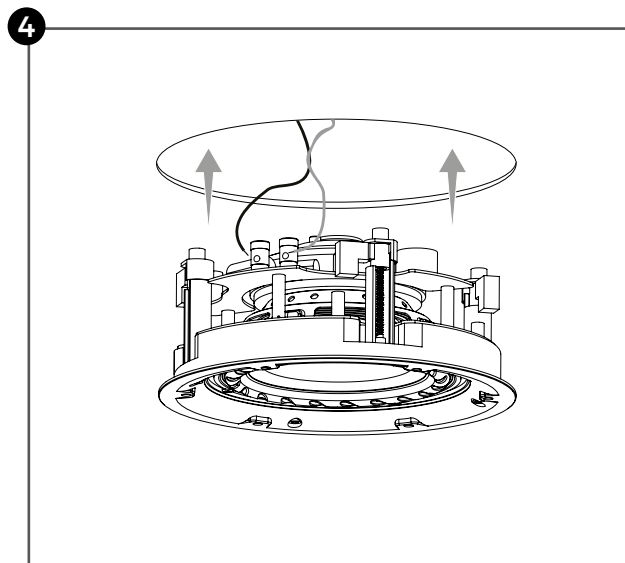


5 INSTALLATION



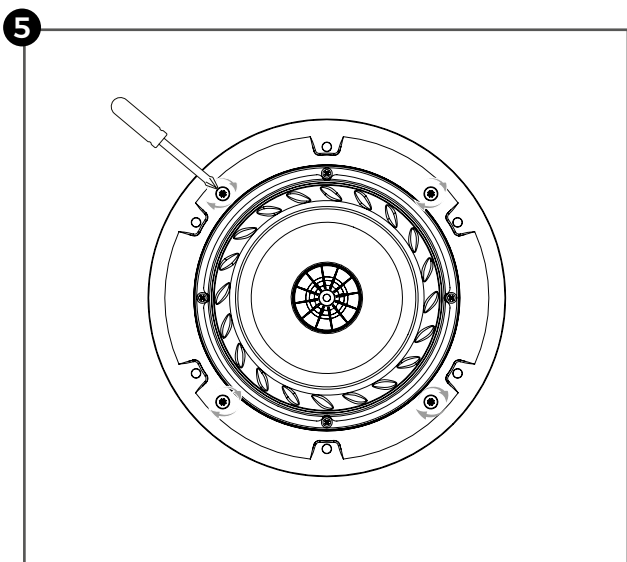
⚠ Ensure there are no joists behind the intended location using a stud location tool.

Place the supplied self-adhesive mounting template on the ceiling, prior to cutting with a keyhole saw or similar.



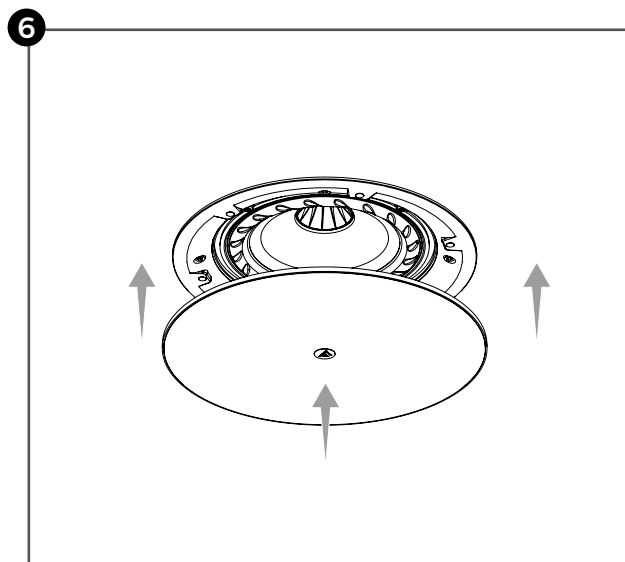
Always use a good quality loudspeaker cable, allowing sufficient length for the loudspeaker to be easily installed or removed. Connect to the two spring terminals, being careful to observe polarity, positive to positive and negative to negative.

⚠ Local Building Regulations may require the use of low smoke and/ or halogen free cabling. The installer is responsible for compliance with any applicable regulations.



To install the speaker in the ceiling, first ensure the 4 mounting clamps are turned fully inwards, to clear the aperture. Carefully tighten the 4 clamp screws to secure to the ceiling.

⚠ **Do not over-tighten the screws** to avoid distorting the speaker moulding or damaging the ceiling. When using a cordless screwdriver to tighten the clamping screws, always set the clutch to the lowest setting to prevent damage.



Offer the Grille up to the speaker and let the magnets “snap” the grille into position.

6 GRILLE PAINTING

The magnetically attached grilles may be painted to match the surrounding décor, First carefully remove the scrim material from the rear of the grille. It may be re-applied later with aerosol fabric adhesive, using only a light coating to maintain acoustic transparency. Paint by either brush or aerosol, using several thin coats to ensure the perforations in the mesh are not blocked.

7 WARRANTY

For the latest product news and information, please visit www.fyneaudio.com.

All Fyne Audio products purchased from an authorised distributor or retailer are covered by a manufacturer's warranty, subject to presentation of a valid proof of purchase. This warranty is provided in addition to, and does not affect, your statutory rights as a consumer under applicable national or local laws.

Full warranty terms and conditions are available at www.fyneaudio.com/warranty. Alternatively, you may request a copy or obtain further assistance by contacting our Customer Service Department by telephone on +44 (0)141 428 4008 (charges may apply for calls made from outside the UK), by email at enquiries@fyneaudio.com, or by post at:

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No. 1 Cubitt Court
Belgrave Street
Bellshill
North Lanarkshire
ML4 3NP
United Kingdom

8 SPECIFICATIONS

Model	FA301iC	FA302iC
System type	2 way co-axial loudspeaker for in ceiling or in wall application, steerable HF unit	2 way co-axial loudspeaker for in ceiling or in wall application, steerable HF unit
Recommended amplifier power (Watt RMS)	25- 100	25- 120
Continuous power handling (Watt RMS)	50	60
Peak power handling (Watt peak)	200	240
Sensitivity (2.83 Volt @ 1m)	89dB	90dB
Nominal impedance	8 Ohm	8 Ohm
Frequency response (-6dB typical in room)	44Hz- 28kHz	37Hz- 28kHz
Drive unit complement	1 x 150mm (6") multi-fibre bass / midrange cone, FyneFlute™ surround with 25mm Co-axial polyester dome tweeter	1 x 200mm (8") multi-fibre bass / midrange cone, FyneFlute™ surround with 25mm Co-axial polyester dome tweeter
Crossover frequency	3.2kHz	2.8kHz
Crossover type	Passive 2nd order low pass, 1st order high pass	Passive 2nd order low pass, 1st order high pass
Dimensions - Dia x Depth:	224 x 95mm (8.8 x 3.7")	273 x 115mm (10.7 x 4.5")
Round grille diameter:	232mm (9.1")	281mm (11.1")
Square grille dimensions:	233 x 233mm (9.2 x 9.2")	281 x 281mm (11.1 x 11.1")
Cut-out diameter:	208mm (8.2")	248mm (9.8")
Depth behind mounting surface:	92mm (3.6")	112.5mm (4.4")
Clamp travel:	5 - 50mm (0.2 - 2.0")	5 - 50mm (0.2 - 2.0")

Model	FA501iC	FA502iC	FA502iC LCR
System type	2 way IsoFlare™ loudspeaker for in ceiling or in wall application	2 way IsoFlare™ loudspeaker for in ceiling or in wall application	2 way IsoFlare™ loudspeaker for in ceiling or in wall application angled dispersion for LCR applications
Recommended amplifier power (Watt RMS)	30- 125	30- 150	30- 150
Continuous power handling (Watt RMS)	62.5	75	75
Peak power handling (Watt peak)	250	300	300
Sensitivity (2.83 Volt @ 1m)	89dB	91dB	91dB
Nominal impedance	8 Ohm	8 Ohm	8 Ohm
Frequency response (-6dB typical in room)	40Hz- 34kHz	35Hz- 34kHz	35Hz- 34kHz
Drive unit complement	1 x 150mm (6") IsoFlare point source driver, multi-fibre bass / midrange cone, FyneFlute™ surround with 25mm titanium dome compression tweeter	1 x 200mm (8") IsoFlare point source driver, multi-fibre bass / midrange cone, FyneFlute™ surround with 25mm titanium dome compression tweeter	1 x 200mm (8") IsoFlare point source driver, multi-fibre bass / midrange cone, FyneFlute™ surround with 25mm titanium dome compression tweeter
Crossover frequency	1.7kHz	1.7kHz	1.7kHz
Crossover type	Passive 2nd order low pass, 1st order high pass	Passive 2nd order low pass, 1st order high pass	Passive 2nd order low pass, 1st order high pass
Dimensions - Dia x Depth:	224 x 101mm (8.8 x 4.0")	273 x 123mm (10.6" x 4.8")	278 x 157mm (10.9 x 6.2")
Round grille diameter:	232mm (9.1")	281mm (11.1")	288mm (11.3")
Square grille dimensions:	233 x 233mm (9.2 x 9.2")	281 x 281mm (11.1 x 11.1")	N/A
Cut-out diameter:	208mm (8.2")	248mm (9.8")	255mm (10.0")
Depth behind mounting surface:	99mm (4.0")	120.5mm (4.7")	155mm (6.1")
Clamp travel:	5 - 50mm (0.2 - 2.0")	5 - 50mm (0.2 - 2.0")	0 - 26mm (0 - 1.0")

ENJOY.

Thank you for choosing Fyne Audio loudspeakers, proudly designed by our experienced team of engineers in Scotland, and constructed to the highest standards.

WWW.FYNEAUDIO.COM