

IN-CEILING SPEAKERS
FYNE ADVICE

ESSENTIAL INFORMATION GUIDE



FYNE
AUDIO

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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:

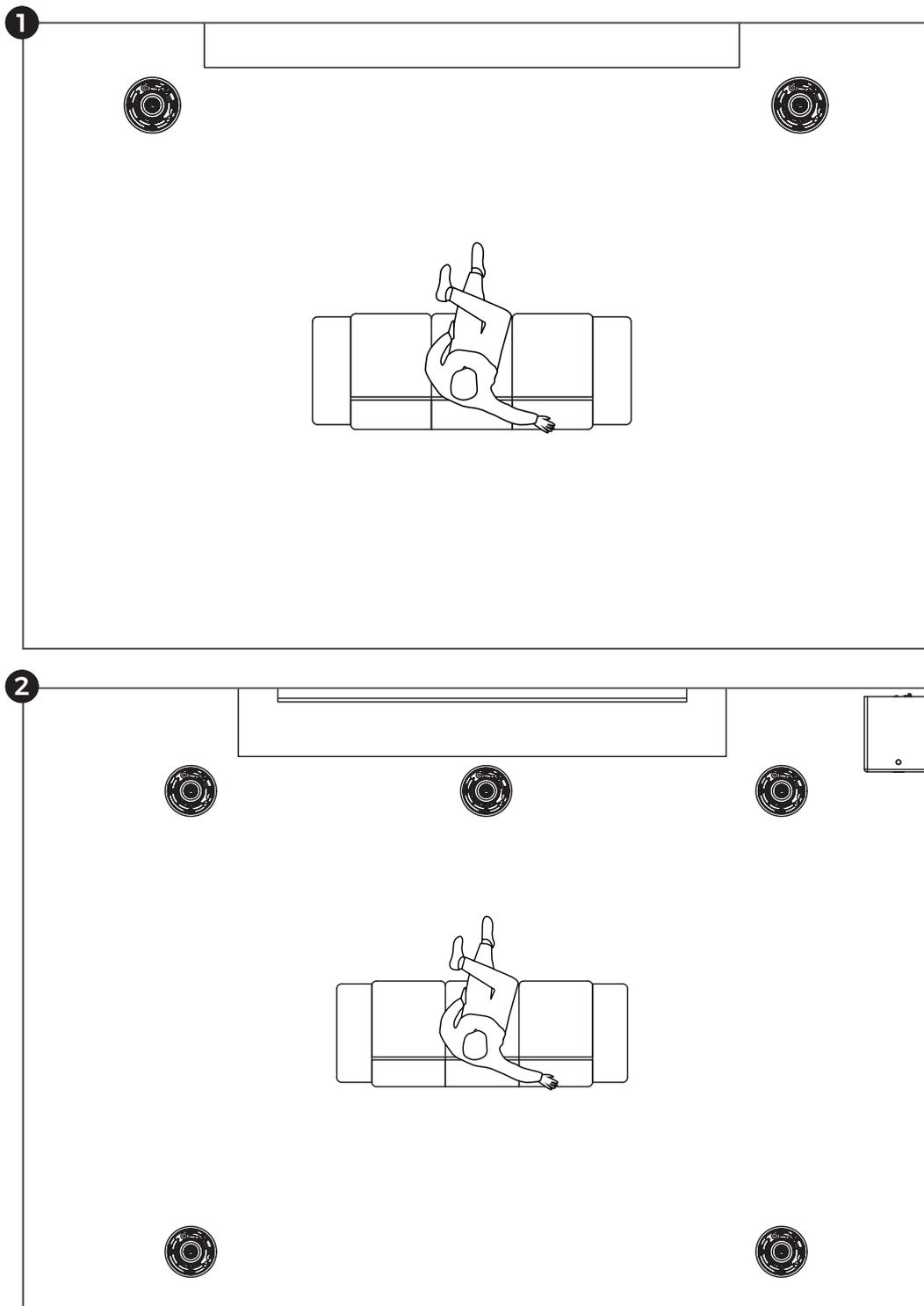
- **FA301iC** - 1 x 6" Coaxial loudspeaker, 1 x round grille, 1 x mounting template
- **FA302iC** - 1 x 8" Coaxial loudspeaker, 1 x round grille, 1 x mounting template
- **FA501iC** - 1 x 6" IsoFlare™ loudspeaker, 1 x round grille, 1 x square grille, 1 x mounting template
- **FA502iC** - 1 x 8" IsoFlare™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

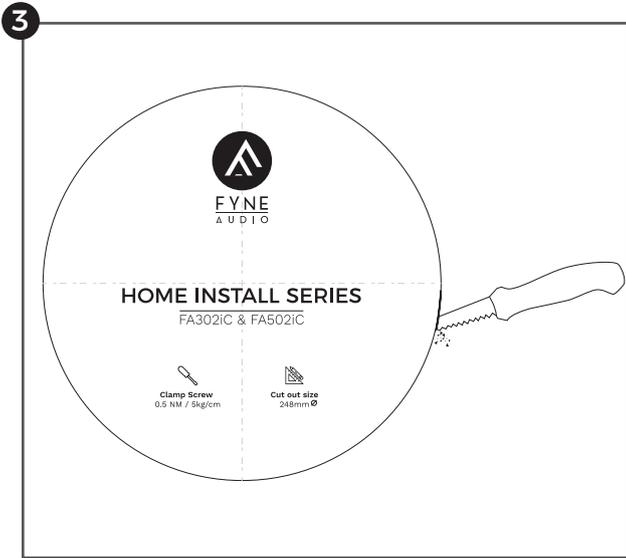
4 POSITIONING

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.

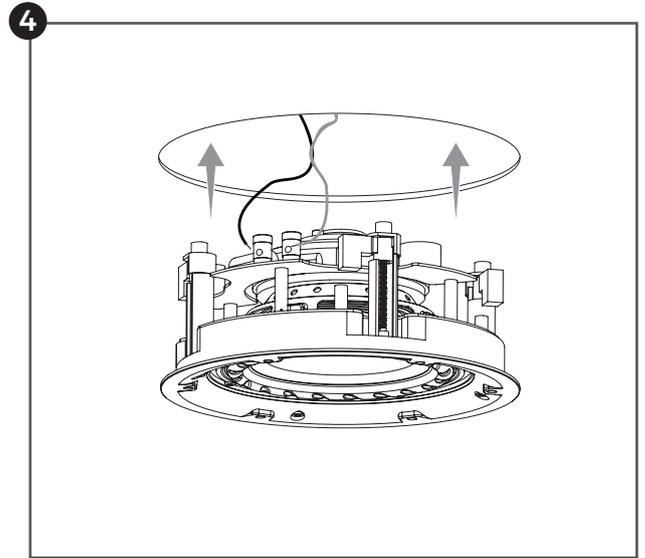


5 INSTALLATION



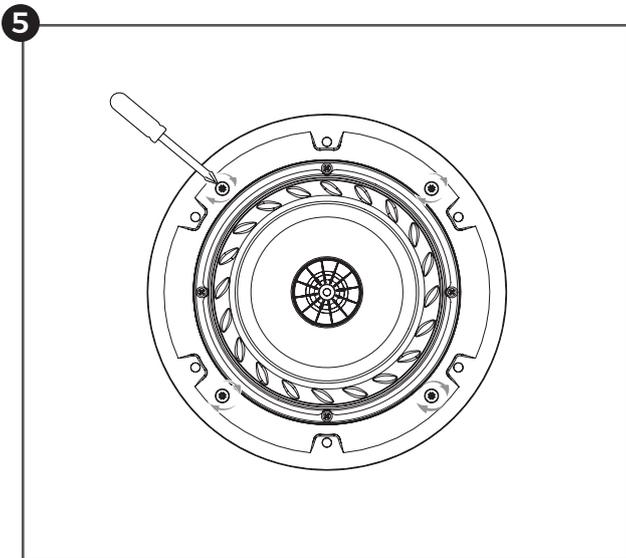
! Ensure there are no joists behind the intended location using a stud location tool.

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



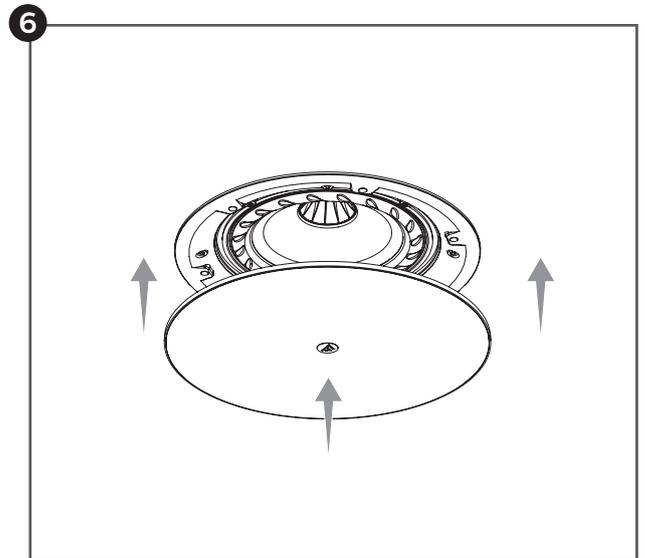
Always use a good quality loudspeaker cable, allowing sufficient length for the loudspeaker to be easily installed or removed. Connect to the two spring terminals, being careful to observe polarity, positive to positive and negative to negative.

! 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

1. No maintenance of the loudspeaker is necessary.
2. Please register your Fyne Audio Limited product online at www.fyneaudio.com. All of our products have been produced and tested with care and precision to give first-class service.
3. All passive loudspeakers are guaranteed for a period of 7 years from the date of purchase from an authorised Fyne Audio Limited dealer. This warranty is subject to the absence or evidence of misuse, overload, or accidental damage, applies only to the registered owner, and covers only genuine Fyne Audio Limited products with the original undamaged serial number.
4. All active and electronic components are guaranteed for a period of 2 years from the date of purchase from an authorised Fyne Audio Limited dealer subject to the absence of, or evidence of, misuse, overload or accidental damage.
5. If at any time during this warranty period the equipment proves to be defective for any reason other than accident, misuse, neglect, unauthorised modification, incorrect installation or connection, matched with improper equipment or fair wear and tear, we will repair any such manufacturing defect or, at our option, replace it without charge for labour, parts or return carriage.
6. If you suspect a problem with a Fyne Audio Limited product, in the first instance, discuss it with your Fyne Audio Limited dealer. If you require further assistance, then we ask that you deal directly with your local Fyne Audio Limited distributor. If you cannot locate your distributor please contact Fyne Audio Limited Customer Services, via our website listed above or at the e-mail enquiries@fyneaudio.com
7. Do not ship any product to Fyne Audio Limited without previous authorisation.
8. **LIABILITY**
Other than the warranty and services set out in this warranty, to the fullest extent permitted by law, Fyne Audio Limited and its Authorised Distributors shall not be liable to you and/or any third party or entity whatsoever for:- any loss, damages and/or malfunction caused to any product(s) which is/are connected to any of the Fyne Audio Limited products any damages, loss and liability (except for any personal injuries or death), whether direct, indirect, incidental, consequential special, punitive or otherwise, howsoever caused by, arising out of, or otherwise in relation to the installation, delivery, use, service, repair, replacement and/or maintenance of the Fyne Audio Limited product; or any damages, loss and liability (except for any personal injuries or death) under this warranty in respect of any act, omission, or negligence of any of their technicians, employees, agents, representatives or independent contractors relating to the actual or purported performance of any of the obligations under this warranty.
9. Without limiting the above, the maximum liability of the Fyne Audio Limited and its Authorised Distributors under this warranty shall not in any event or under any circumstances exceed the actual purchase price paid for the Fyne Audio Limited product(s).

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.

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