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Triangle ICT5

Triangle Secret ICT5 In-Ceiling Speaker User Manual

Model: ICT5 | Brand: Triangle

INTRODUCTION

The Triangle Secret ICT5 is a high-quality in-ceiling speaker designed for discreet audio integration in various environments, from home audio systems to professional spaces. It offers versatile sound delivery, suitable for both stereo music and immersive home cinema setups, including Atmos and surround sound applications. This manual provides essential information for the proper installation, operation, and maintenance of your ICT5 speaker.

Key features include a 130mm coaxial driver and a 20mm orientable silk dome tweeter, ensuring balanced and detailed sound reproduction across a wide frequency range of 60Hz to 20kHz, with a power handling capacity of 110W.

SAFETY INFORMATION

Please read all safety instructions before installing or operating the speaker. Keep this manual for future reference.

- Ensure power is disconnected before installation or maintenance.
- Do not expose the speaker to excessive moisture or extreme temperatures.
- Use appropriate tools and follow local electrical codes during installation.
- Avoid placing heavy objects on the speaker or its cables.
- If any unusual operation or damage occurs, disconnect the speaker immediately and contact qualified service personnel.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Triangle Secret ICT5 In-Ceiling Speaker
- Mounting Support
- Control Application (refer to instructions for download/use)
- User Manual (this document)



Image: The Triangle Secret ICT5 speaker shown next to its brown cardboard retail box, which features the Triangle logo and product name.

SETUP AND INSTALLATION

The ICT5 speaker is designed for easy integration into ceilings. It requires a depth of only 7.75 cm and a cutout diameter of 17.6 cm.

1. Preparing the Installation Area

1. Choose a suitable location in the ceiling, ensuring no obstructions (e.g., electrical wires, pipes, studs) are present.
2. Mark the cutout area using the provided template or by measuring a circle with a diameter of 17.6 cm (6.93 inches).
3. Ensure the ceiling material can support the weight of the speaker.

2. Cutting the Opening

1. Using a drywall saw or appropriate cutting tool, carefully cut out the marked circle in the ceiling.
2. Clean any debris from the opening.

3. Wiring the Speaker

1. Run speaker wires from your amplifier or receiver to the ceiling opening. Ensure the wires are of appropriate gauge for the distance and power.
2. Connect the speaker wires to the spring-loaded terminals on the back of the ICT5 speaker. Ensure correct polarity (+ to + and - to -).



Image: The rear view of the Triangle Secret ICT5 speaker, displaying the red and black spring-loaded wiring terminals, crossover components, and the central magnet structure.

4. Mounting the Speaker

1. Insert the speaker into the ceiling opening.
2. Tighten the mounting screws located on the front baffle of the speaker. These screws will activate the dog-leg clamps, securing the speaker firmly to the ceiling.
3. Do not overtighten the screws.



Image: A side view of the Triangle Secret ICT5 speaker, highlighting the orange dog-leg mounting clamps extended outwards, ready to secure the speaker in a ceiling opening.



Image: An angled view of the Triangle Secret ICT5 speaker, showing the black speaker frame and the orange mounting clamps in a retracted position, ready for installation.

5. Attaching the Grille

1. The ICT5 features a magnetic grille. Simply align the grille with the speaker frame and it will snap into place.
2. The ultra-thin magnetic grille can be painted to match your ceiling color for seamless integration.



Image: The Triangle Secret ICT5 speaker shown with its white perforated magnetic grille, and the grille separately, illustrating its removable nature.



Image: A direct front view of the Triangle Secret ICT5 speaker without its grille, clearly showing the central tweeter and the larger coaxial driver.

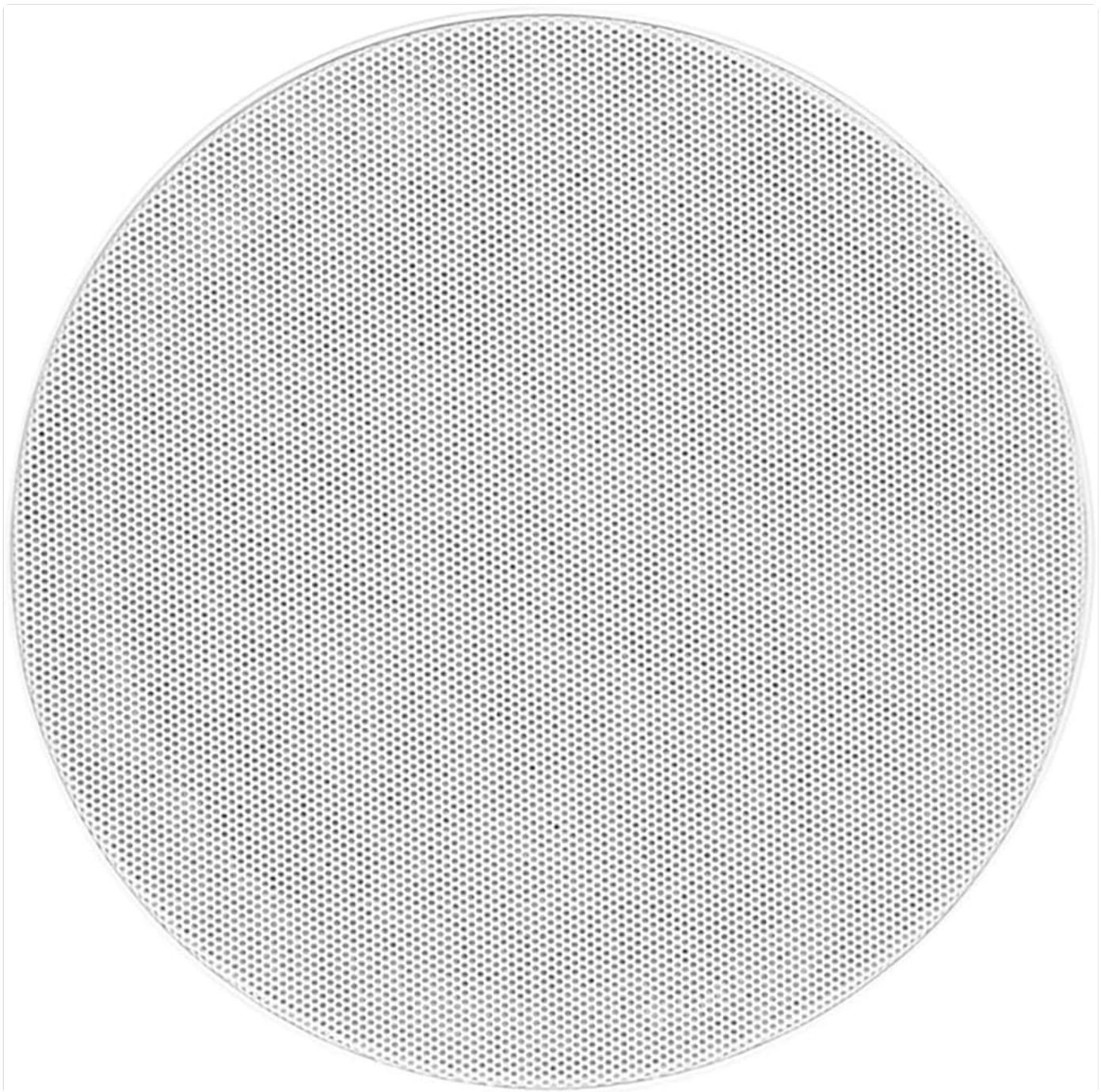


Image: A close-up view of the white, circular, finely perforated magnetic grille designed for the Triangle Secret ICT5 in-ceiling speaker.

OPERATING INSTRUCTIONS

Once installed, the ICT5 speaker operates as a passive speaker, receiving its audio signal and power from an external amplifier or receiver.

Audio System Connection

- Connect the speaker wires from the ICT5 to the corresponding speaker outputs on your amplifier or AV receiver.
- Ensure the amplifier's impedance rating is compatible with the speaker's 8-ohm impedance.
- For optimal sound, configure your amplifier/receiver settings according to the speaker's specifications (e.g., speaker size, crossover frequency).

Tweeter Orientation

The ICT5 features an orientable tweeter, allowing you to direct high-frequency sound towards your primary listening area.

Gently pivot the tweeter assembly to adjust its direction for optimized sound dispersion.

Usage Scenarios

- Stereo Music:** Use a pair of ICT5 speakers for a high-quality stereo listening experience.
- Home Cinema:** Integrate ICT5 speakers as surround or Atmos effects channels in a multi-channel home cinema system. Their design ensures tonal homogeneity with other Triangle speakers.

MAINTENANCE

The Triangle Secret ICT5 speaker requires minimal maintenance.

- Cleaning:** Use a soft, dry cloth to gently wipe the speaker grille and frame. Do not use abrasive cleaners or solvents.
- Grille Painting:** If you choose to paint the grille, ensure it is clean and dry. Use a thin coat of paint suitable for the grille material to avoid clogging the perforations, which could affect sound quality.
- Inspection:** Periodically check the speaker for any signs of damage or loose connections.

TROUBLESHOOTING

If you experience issues with your ICT5 speaker, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Sound	Loose speaker wire connections, incorrect amplifier settings, amplifier off/faulty.	Check all speaker wire connections at both the speaker and amplifier. Verify amplifier is on and set to the correct input. Test with another speaker if possible.
Distorted Sound	Overdriving the speaker, loose connections, faulty amplifier, damaged speaker.	Reduce amplifier volume. Check connections. If distortion persists at low volumes, contact support.
Poor Bass Response	Incorrect amplifier settings (e.g., crossover too high), phase issues, room acoustics.	Adjust amplifier bass/crossover settings. Ensure speaker polarity is correct. Consider room treatment.
Poor Treble Response / Muffled Sound	Tweeter not oriented correctly, grille perforations blocked, faulty tweeter.	Adjust the orientable tweeter towards the listening area. Ensure grille is clean. If issue persists, contact support.

If the problem persists after attempting these solutions, please contact Triangle customer support.

SPECIFICATIONS

Feature	Detail
Model Name	ICT5
Speaker Type	Coaxial In-Ceiling
Woofer Size	130mm (5.1 inches)

Feature	Detail
Tweeter Size	20mm (0.79 inches) Silk Dome, Orientable
Power Handling	110 Watts
Frequency Response	60Hz - 20kHz
Impedance	8 Ohms (typical)
Product Dimensions (D x W x H)	8.2 cm x 21.6 cm x 21.6 cm (3.23 x 8.5 x 8.5 inches)
Required Mounting Depth	7.75 cm (3.05 inches)
Cutout Diameter	17.6 cm (6.93 inches)
Connectivity Technology	Wired
Audio Output Mode	Stereo, Surround, Atmos
Special Features	Dolby Atmos Support, Orientable Tweeter

WARRANTY INFORMATION

The Triangle Secret ICT5 speaker comes with a limited warranty. For specific terms and conditions, please refer to the warranty card included with your product or visit the official Triangle website. Keep your proof of purchase for warranty claims.

SUPPORT

For technical assistance, product inquiries, or service requests, please contact Triangle customer support.

- Online Support:** Visit the official Triangle website for FAQs, support resources, and contact information.
- Brand Store:** You can also find more information and products from Triangle at their Amazon Brand Store:[Triangle Amazon Store](#)

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Related Documents - ICT5

	<p>Manuel Enceintes Triangle Borea Connect : Installation, Connexion & Garantie Guide complet pour les enceintes Triangle Borea Connect. Apprenez à installer, connecter (Bluetooth, HDMI ARC, USB, etc.), utiliser la télécommande, et trouvez les spécifications techniques et informations de garantie.</p>
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 <p>Notice de montage Assembly Guide</p>	<p><u>Triangle S02 Speaker Stand Assembly Guide</u></p> <p>Official assembly guide for the Triangle S02 speaker stand. Learn how to assemble your stand with clear instructions and diagrams. Includes parts list and contact information.</p>
 <p>Mode d'emploi & Garantie Owner's manual & Warranty</p>	<p><u>Triangle Signature Series Loudspeakers: Owner's Manual & Warranty</u></p> <p>Comprehensive owner's manual and warranty information for the Triangle Signature Series loudspeakers, covering safety instructions, setup, positioning, amplifier selection, and technical specifications.</p>
 <p>Mode d'emploi & Garantie Owner's manual & Warranty</p>	<p><u>TRIANGLE BOREA Series: Owner's Manual & Warranty</u></p> <p>Comprehensive guide to TRIANGLE BOREA loudspeakers, covering unpacking, installation, connections, positioning for stereo and home theater, technical specifications, warranty information, and safety instructions.</p>
 <p>Руководство по эксплуатации и гарантийные обязательства</p>	<p><u>TRIANGLE AIO TWIN Руководство пользователя и гарантийные обязательства</u></p> <p>Полное руководство пользователя для акустической системы TRIANGLE AIO TWIN, включая инструкции по распаковке, установке, подключению, настройке Wi-Fi, использованию различных источников звука, устранению неисправностей и информацию о гарантии.</p>
 <p>Mode d'emploi & Garantie Owner's manual & Warranty</p>	<p><u>TRIANGLE TALES Subwoofer Owner's Manual and Warranty</u></p> <p>This document provides comprehensive owner's manual and warranty details for the TRIANGLE TALES series subwoofers, including setup instructions, connection guides, operational procedures, troubleshooting tips, and technical specifications for models TALES 340 and TALES 400.</p>