Cisco Ceiling Microphone Pro

Installation Guide / Guide d’installation / Guía de instalación / Manual de Instalação / Guida per l’installazione / Installationshandbuch



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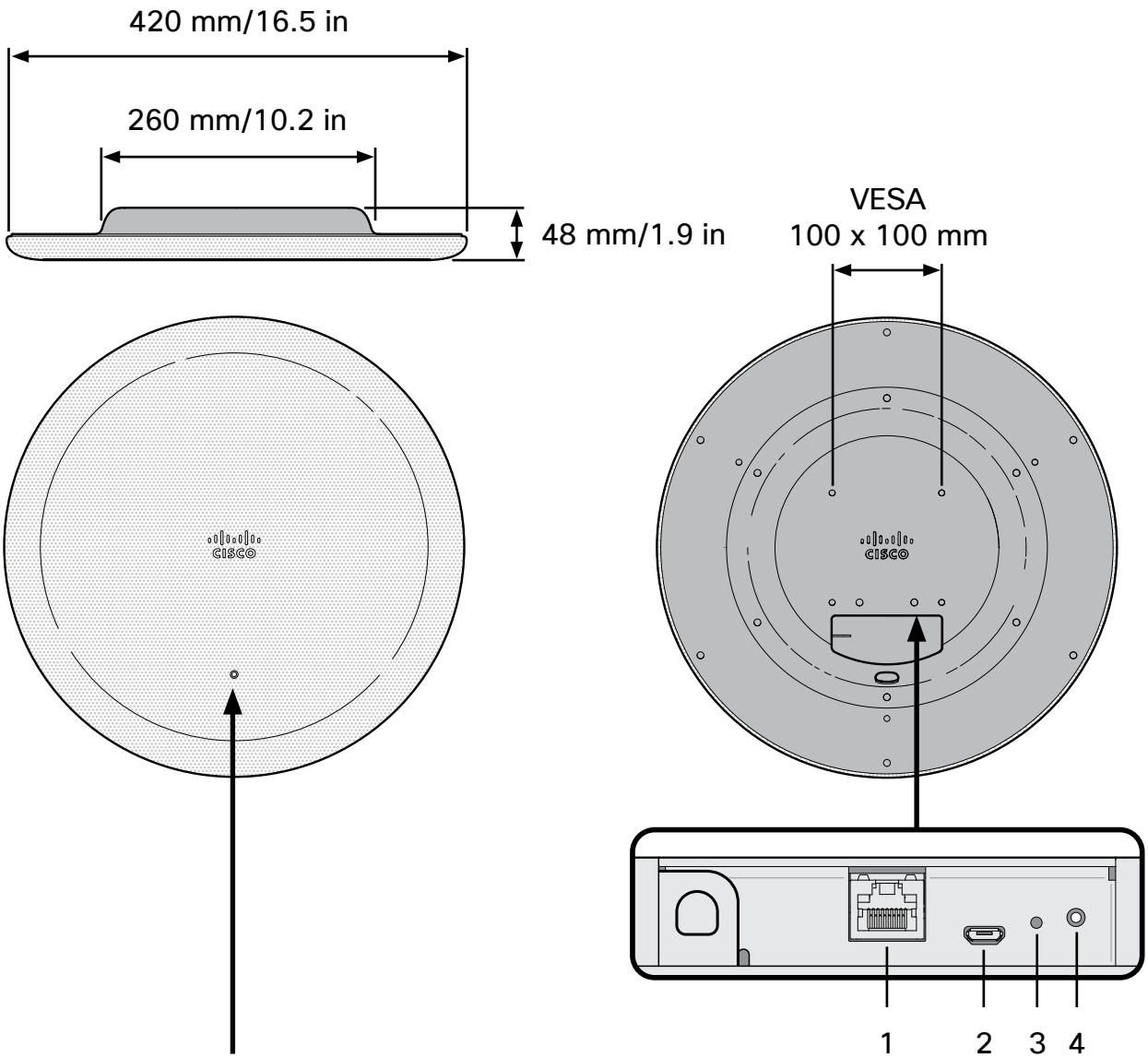
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Dimensions and features



Microphone status LED

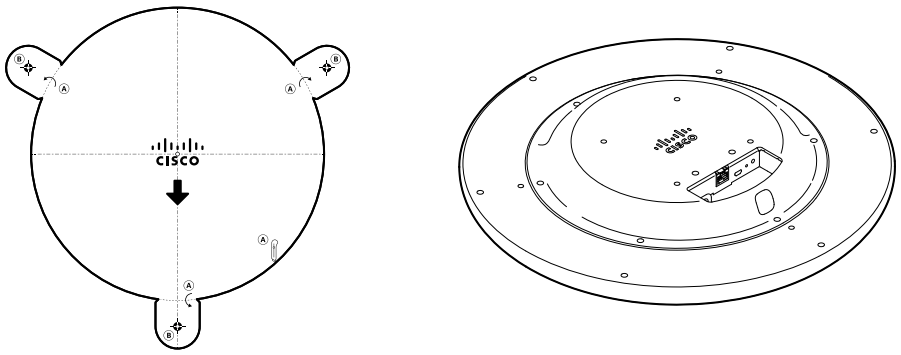
- Green: in call, ON
- Red: in call, MUTE
- White: configuration mode

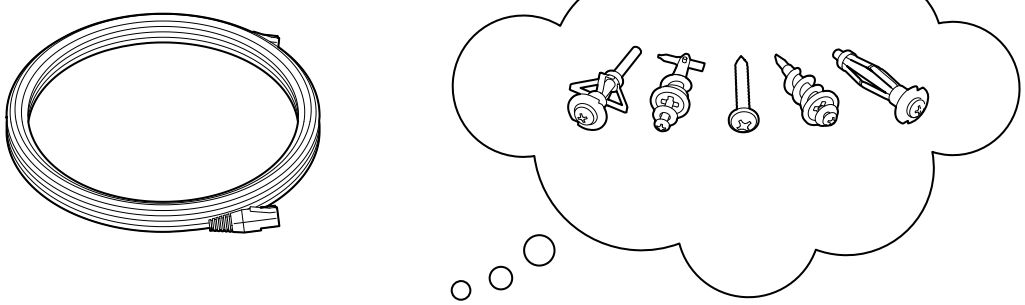
Connector panel

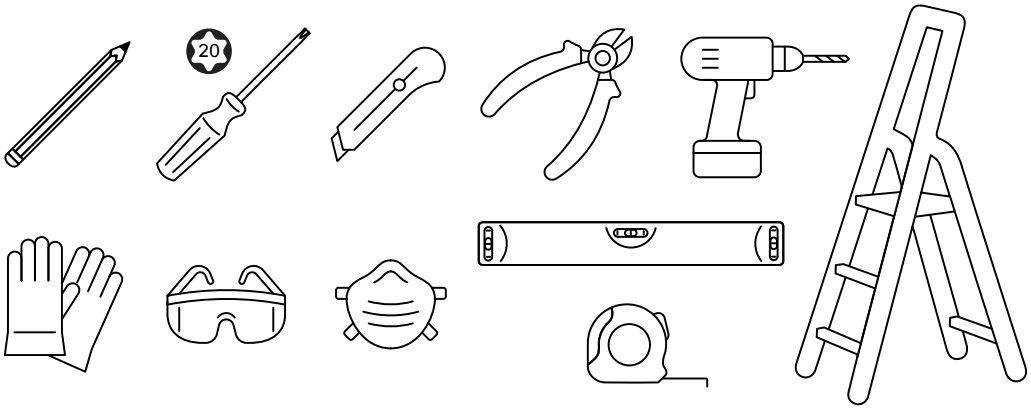
1. Ethernet (PoE)
2. Maintenance
3. Factory reset
4. Power indicator

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Box contents and tools







Room preparation guidelines

Distances

Figures 1, 2, and 3 illustrate the microphone placement guidelines. To meet these guidelines, use one of the Cisco Ceiling Microphone Pro mounting kits as instructed in this guide.

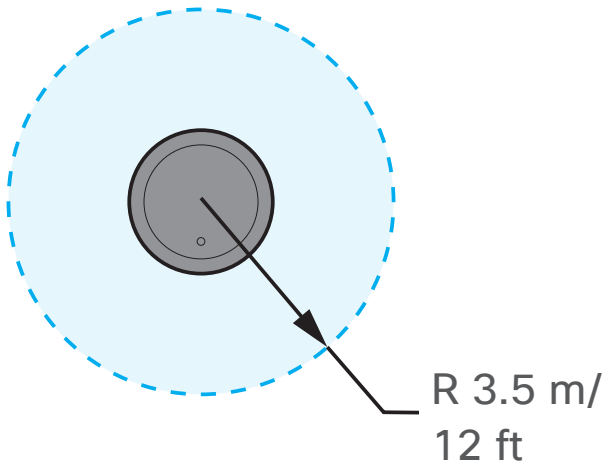


Fig. 1: Optimal range max

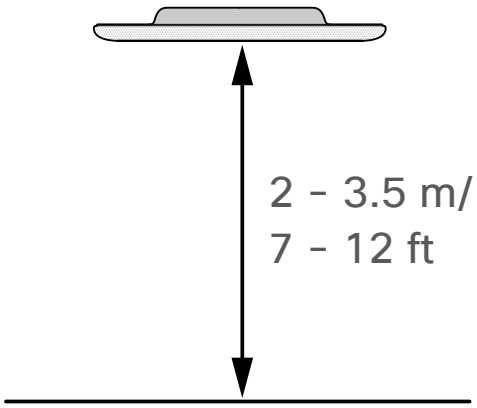


Fig. 2: Distance to floor

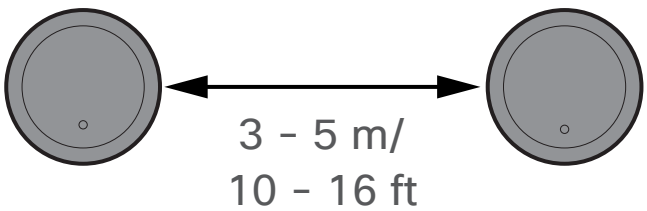


Fig. 3: Distance between microphones

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Placement relative to participants

The size, layout, and acoustics of your room will determine the number of Ceiling Microphone Pros needed for optimal coverage. When installing the microphone(s), make sure that all participants in the room will face at least one microphone as much as possible.

If you're installing a single microphone we recommend mounting it towards the front of the table rather than over the middle (figure 4). This will ensure that all participants, including those in the front row, face the microphone when talking towards the video system. If this means the distance from the microphone to the participants is too great, we recommend installing a second microphone (figure 5).

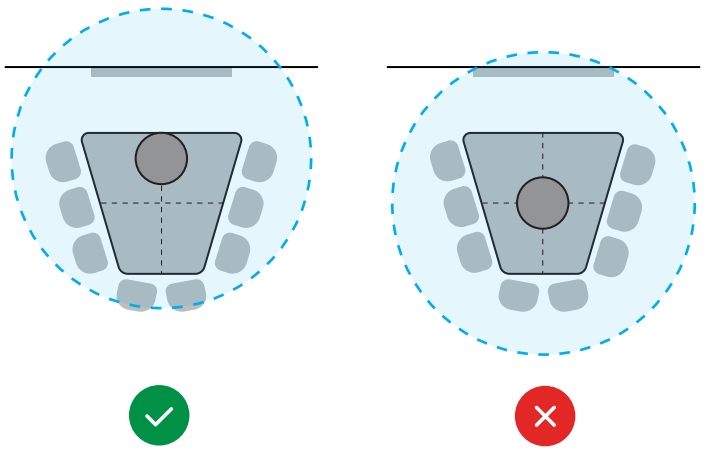


Fig. 4

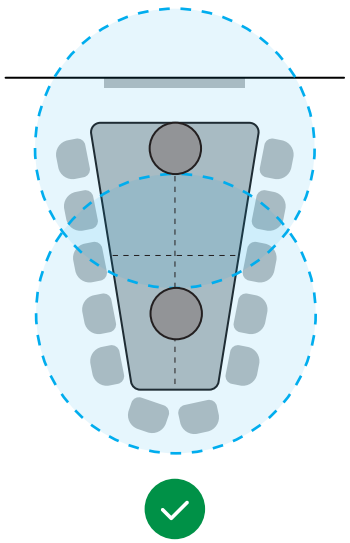


Fig. 5

An optimal installation is within these limits. Room acoustics will affect microphone performance, as well as the degree of degradation outside of the limits. In a room with poor acoustics, install the microphone near the lower end of these recommendations.

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In combination with video systems

If your video system has internal microphones for speech pickup, the Ceiling Microphone Pro can extend the microphone pickup range and improve speech pickup for participants further back in the room (figure 6). Mount the Ceiling Microphone Pro at the edge of the video system's microphone pickup range:

- Cisco Room Bar 3 m/10 ft
- Cisco Room Bar Pro, Cisco Board Pro 4 m/13 ft

To use Ceiling Microphone Pro with the internal microphones on Board Pro or Room Bar Pro, be sure to run the External Microphone Voice Tracking wizard after installation.

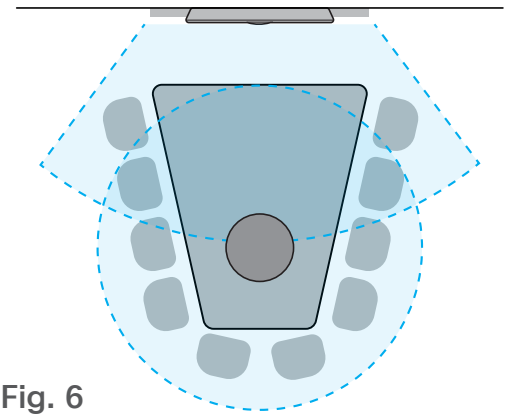


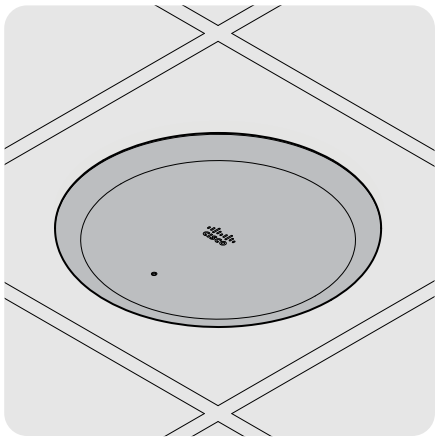
Fig. 6

Other considerations

- Make sure there are no objects on the ceiling (lamps, building features, etc) between the microphone and all potential participants.
- Avoid placing the microphone close to noise sources such as ventilation or other technical installations.
- We recommend that you avoid installing the microphone close to any loudspeakers.

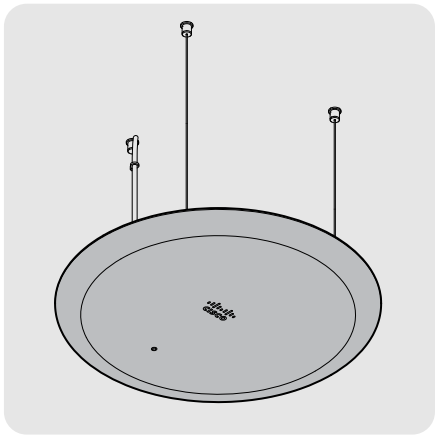
Choose your mounting option

A Drop Ceiling Grid



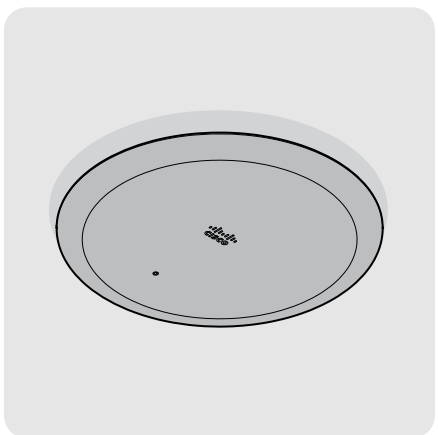
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B Wire Suspension



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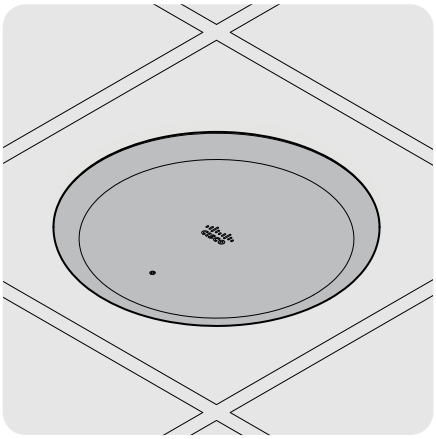
C Hard Ceiling



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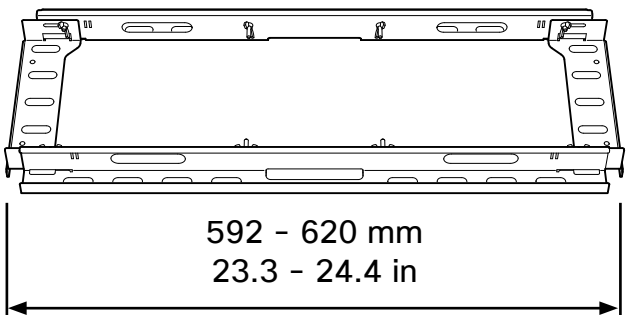
A Drop Ceiling Grid

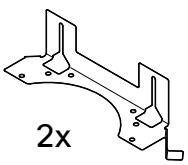


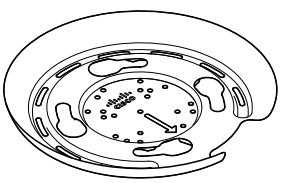
Before you begin:

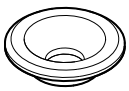
- Read the Room preparation guidelines.
- The microphone with ceiling frame weighs 3.5 kg/7 lbs. Ensure the ceiling can safely support the product.
- Consider placement of the ethernet cable.
- Make sure you have the mounting kit shown here:

Drop Ceiling Grid Mounting Kit
CS-MIC-CLGP-DMK



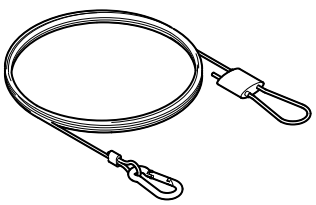










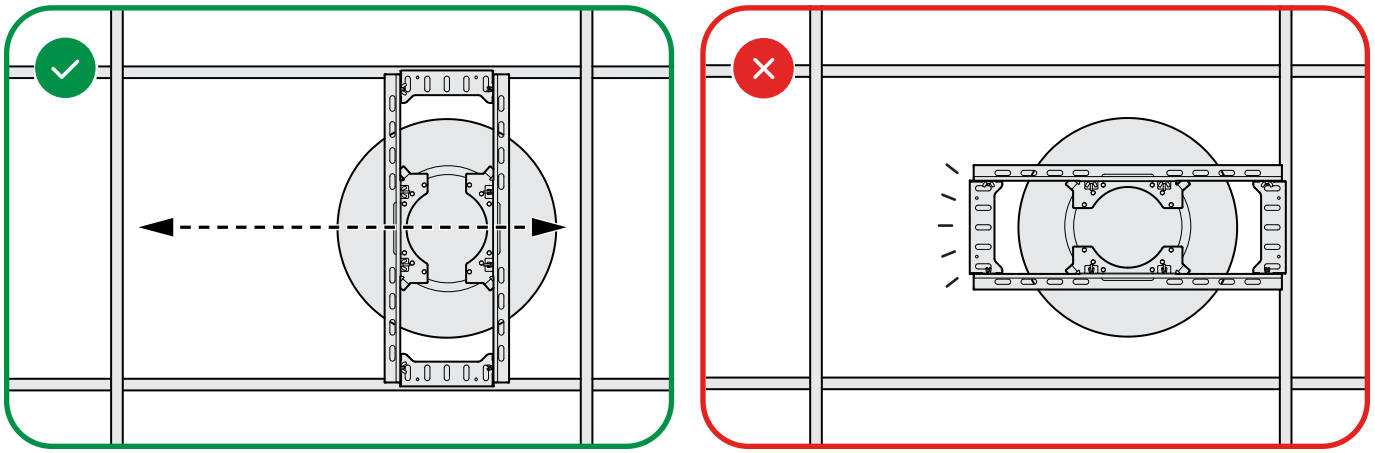


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A

Off-center placement

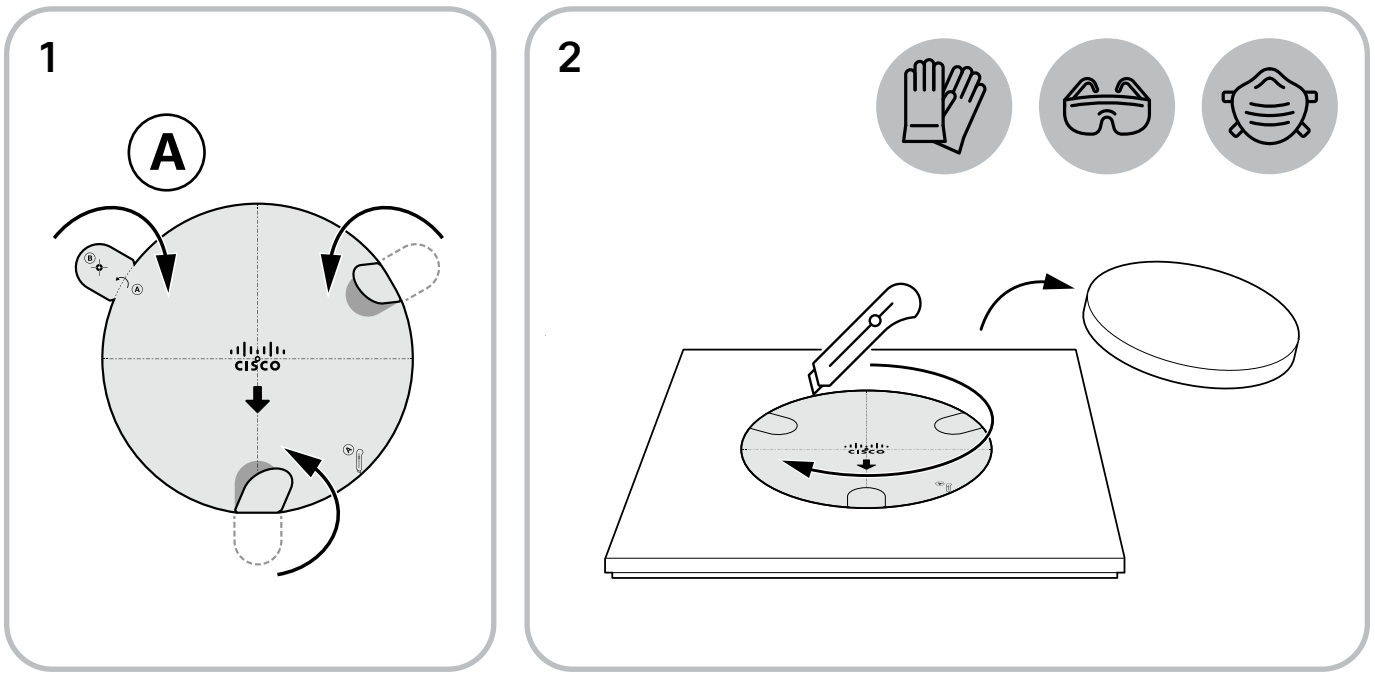
If you want to install the microphone off-centre on the tile, position the mounting frame so that it rests on the drop-ceiling t-bars.



Flexible direction of frame with microphone.

1 Prepare the tile.

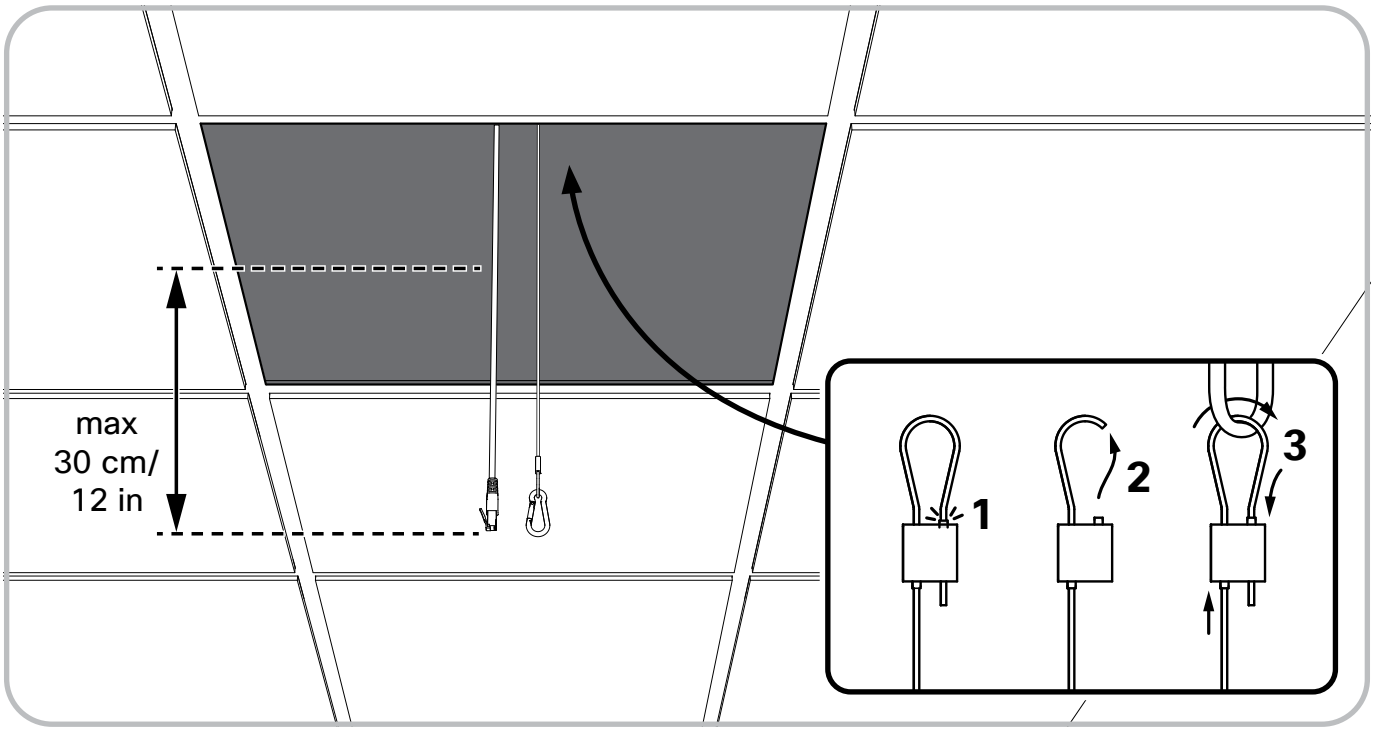
Remove the ceiling tile and use the template to cut a hole in it.



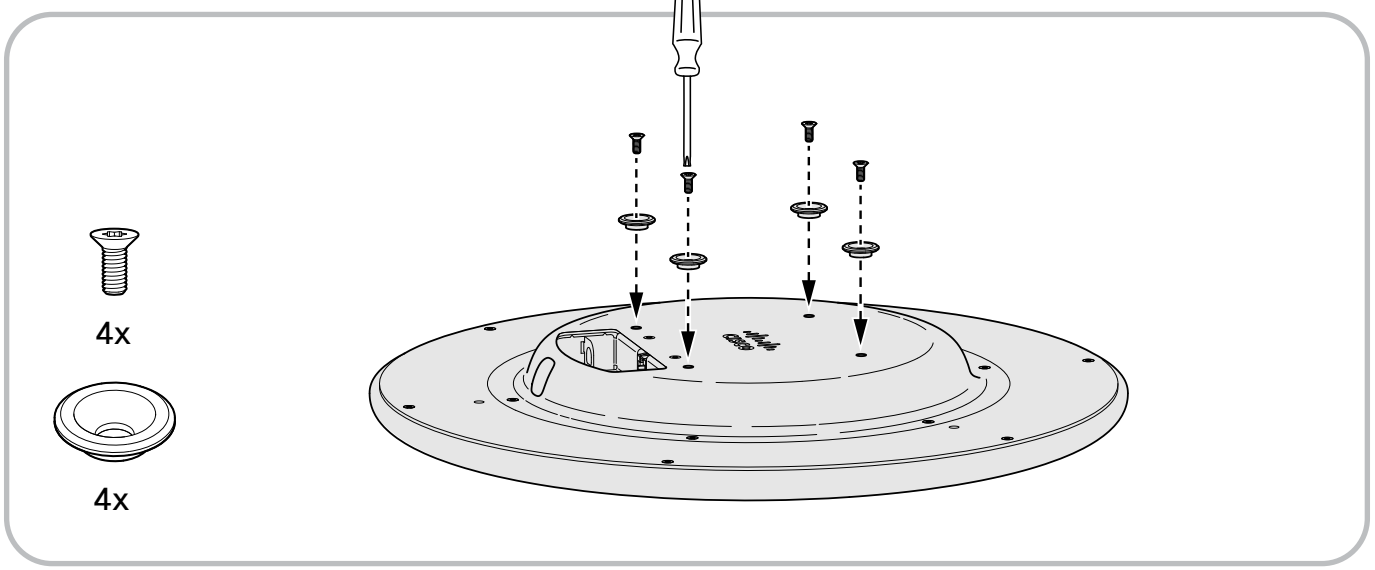
A

2 Prepare the safety tether and ethernet cable.

Fasten the safety tether to a secure point above the tiles so the hook hangs a maximum of 30 cm/12 in from the ceiling.



3 Attach the four interface discs to the microphone.

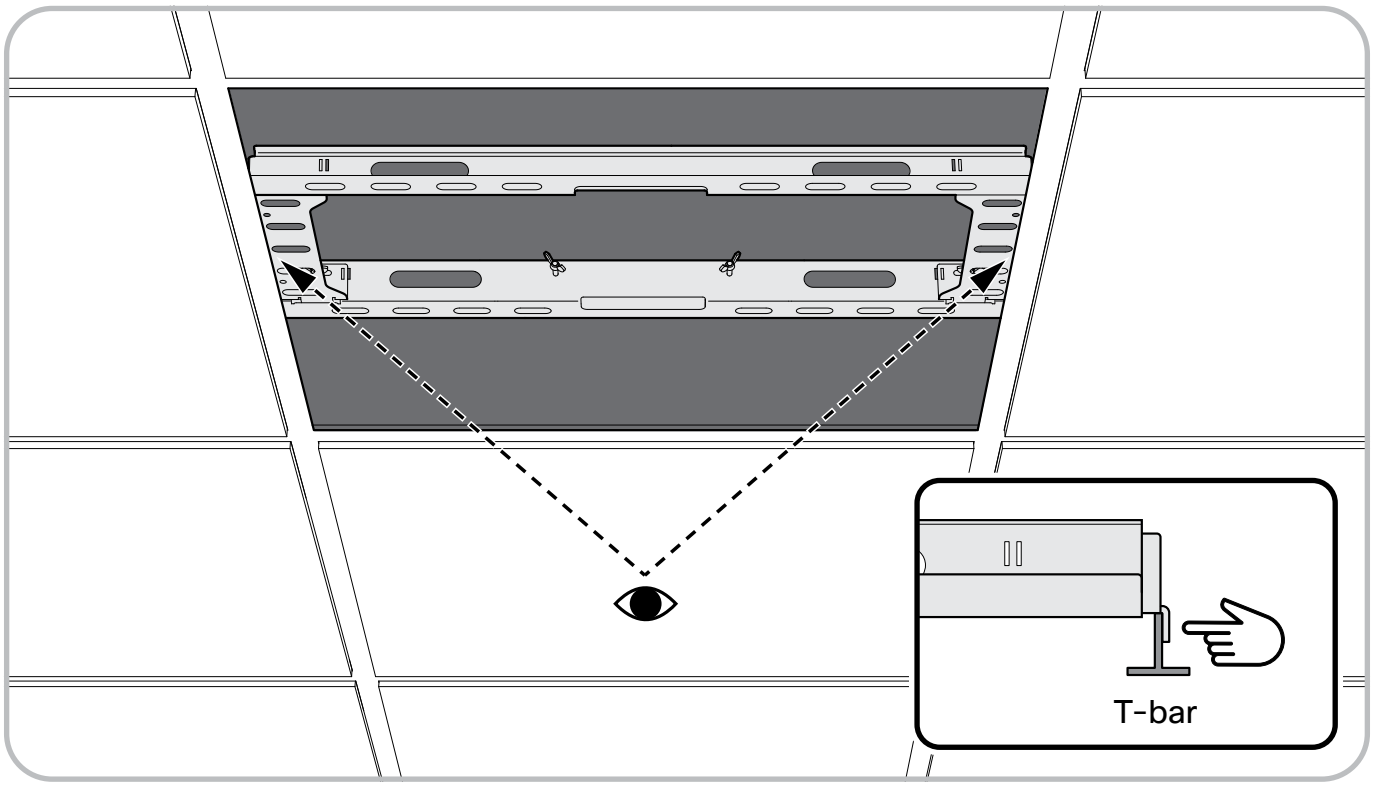


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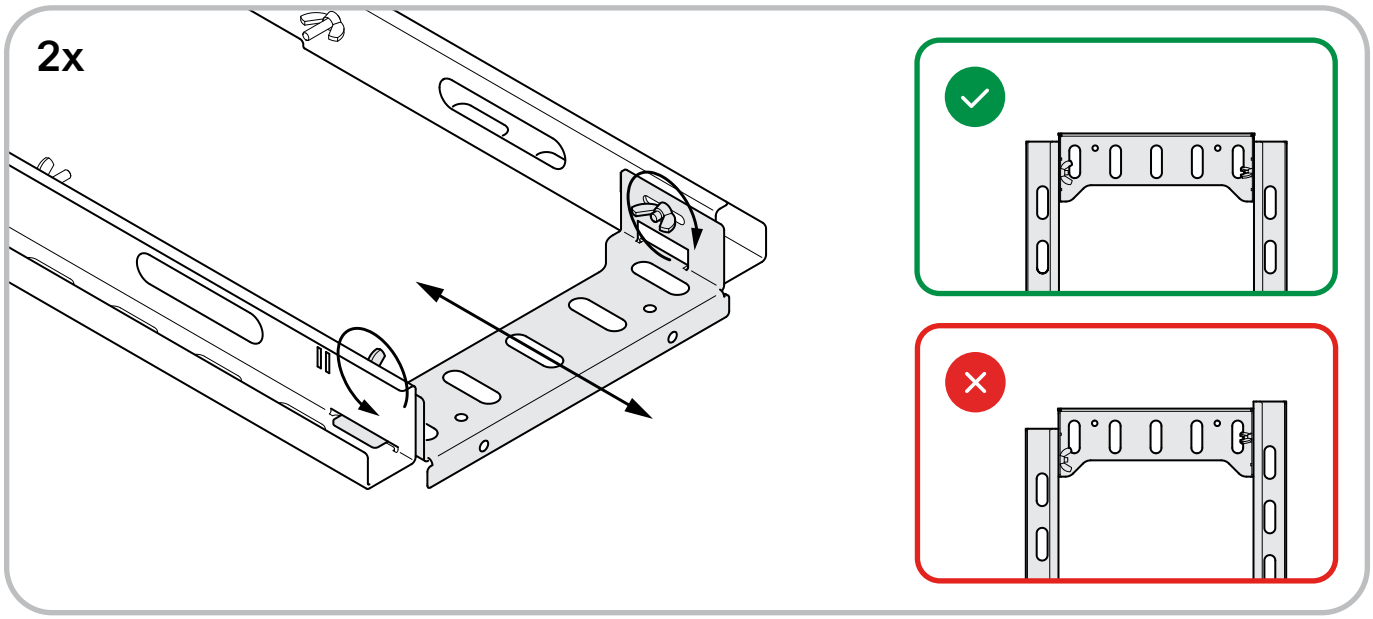
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4 Adjust the frame.

Set the frame on the T-bars and adjust until it hooks onto the T-bars. Tighten the wingnuts and take the frame down.



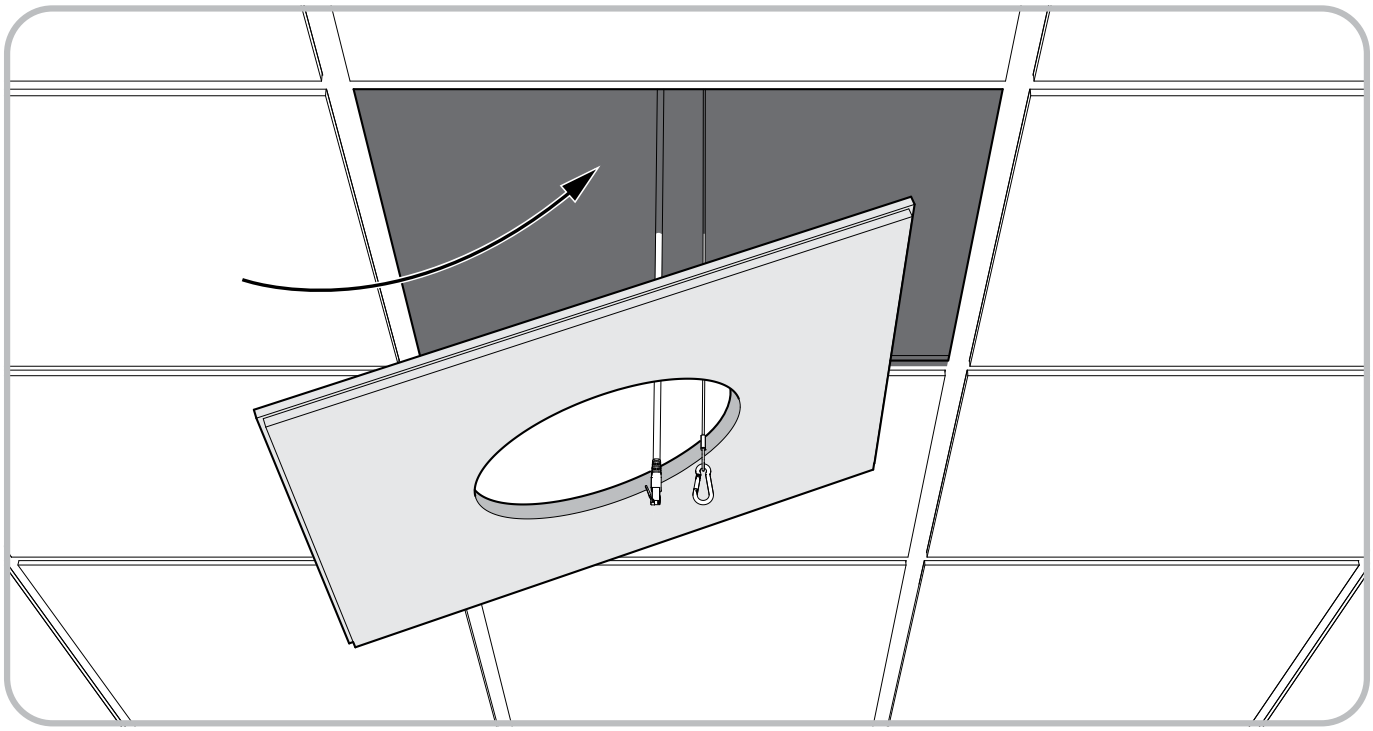
⚠ Make sure the rails are evenly aligned.



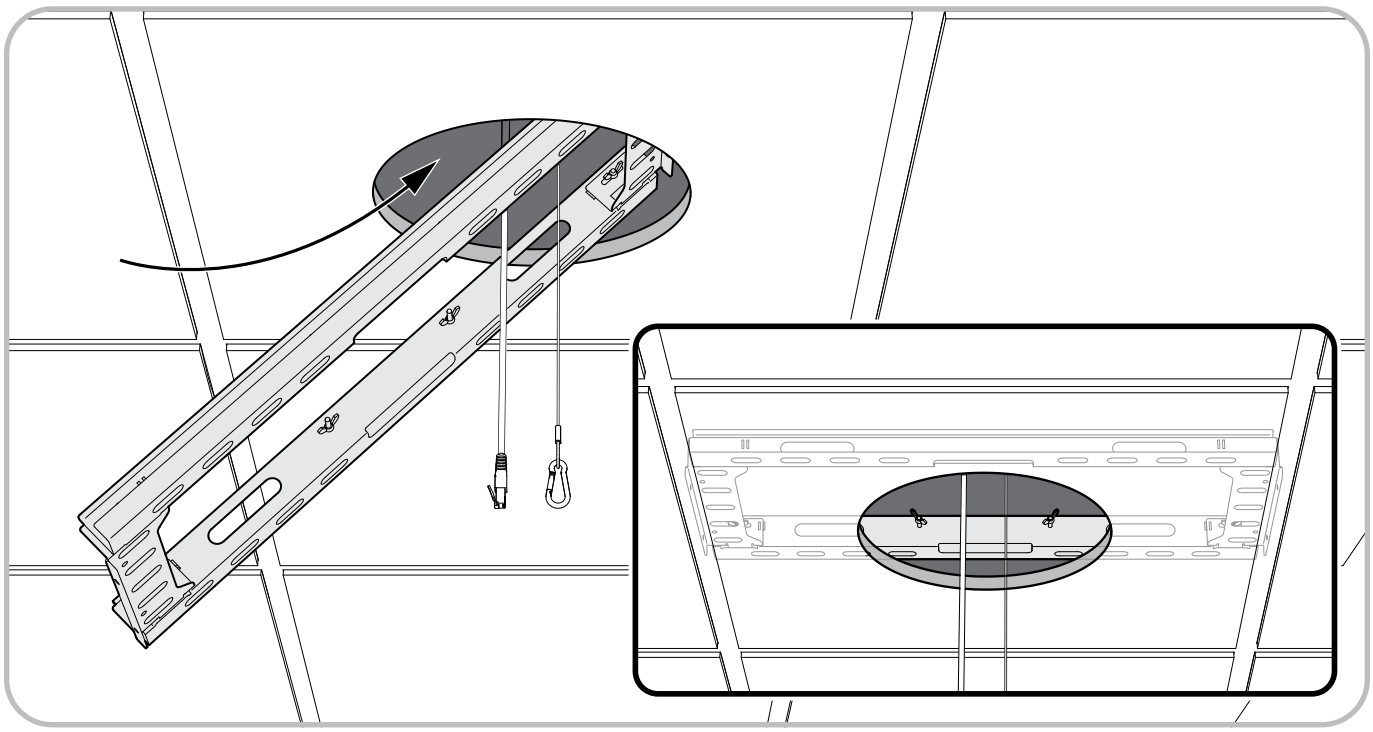
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A

5 Put the tile back.



6 Place the frame firmly on the T-bars.

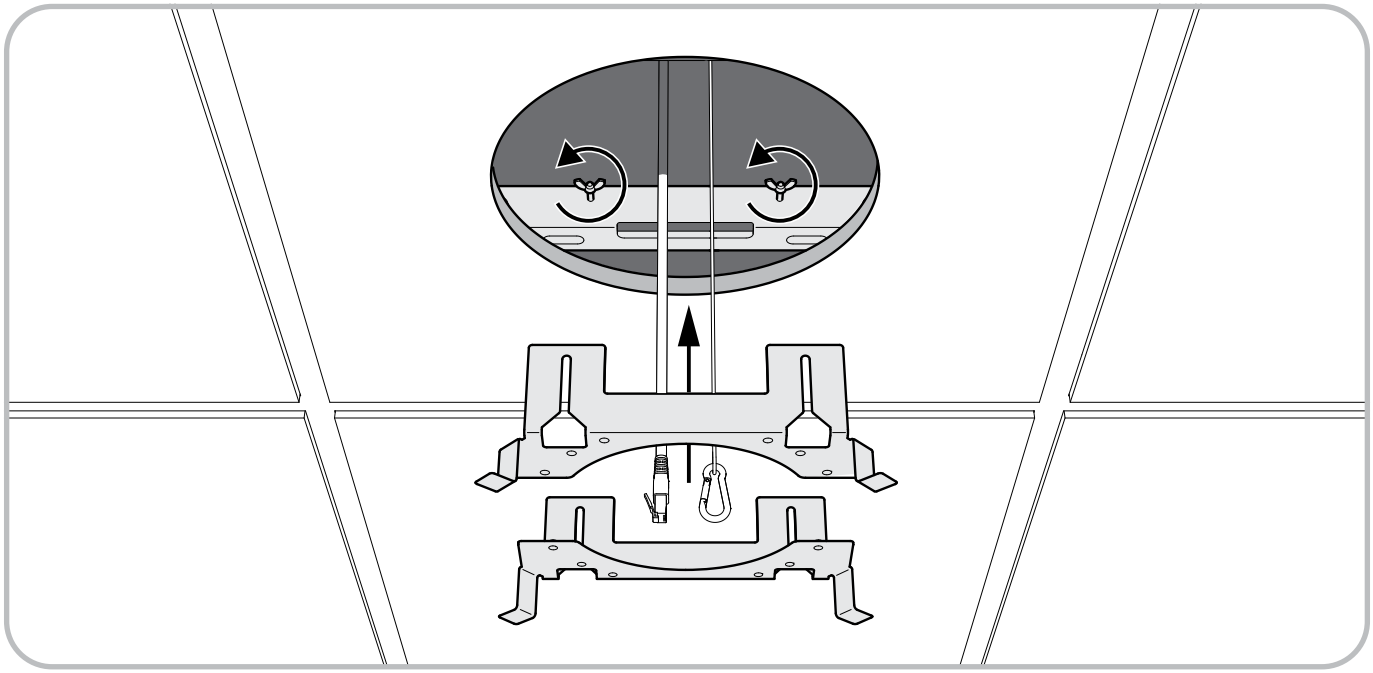


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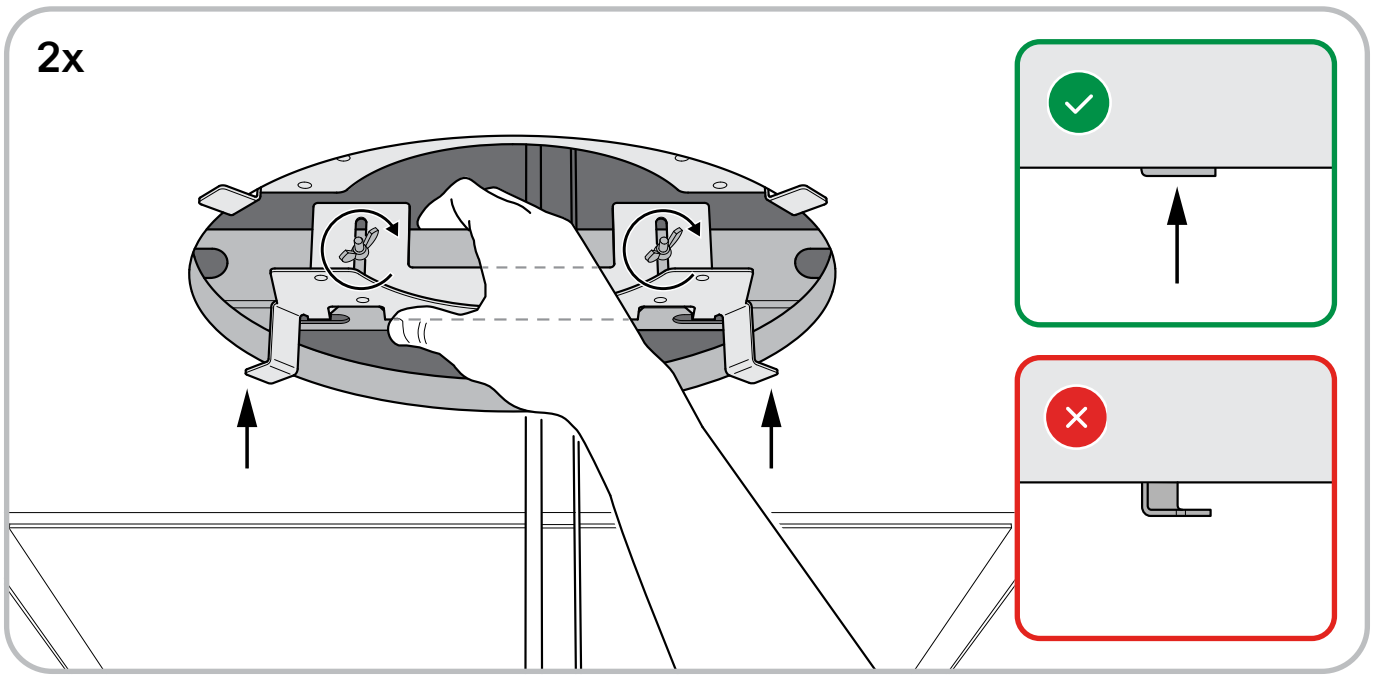
A

7 Attach the brackets.

Loosen the frame wingnuts and place a bracket on each side of the frame.



Adjust the bracket height so that the hooks are flush with the outside of the ceiling tile. Tighten the frame wingnuts firmly.

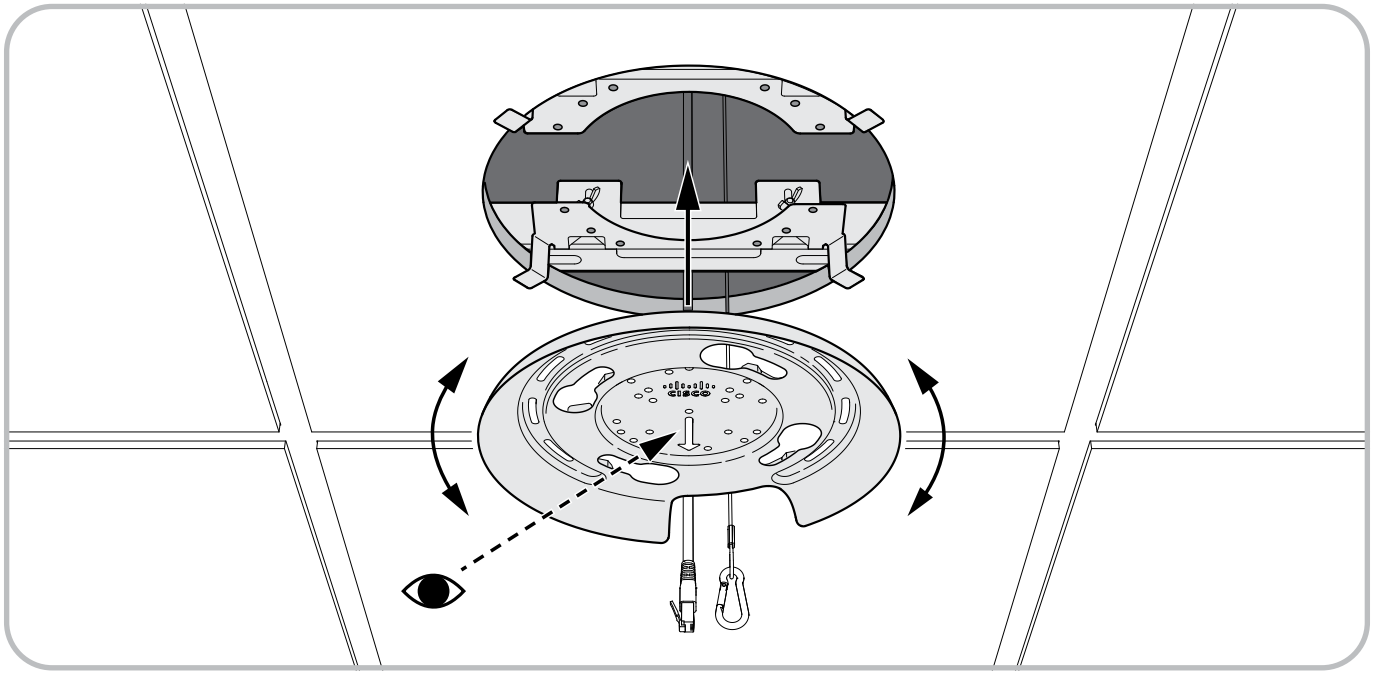


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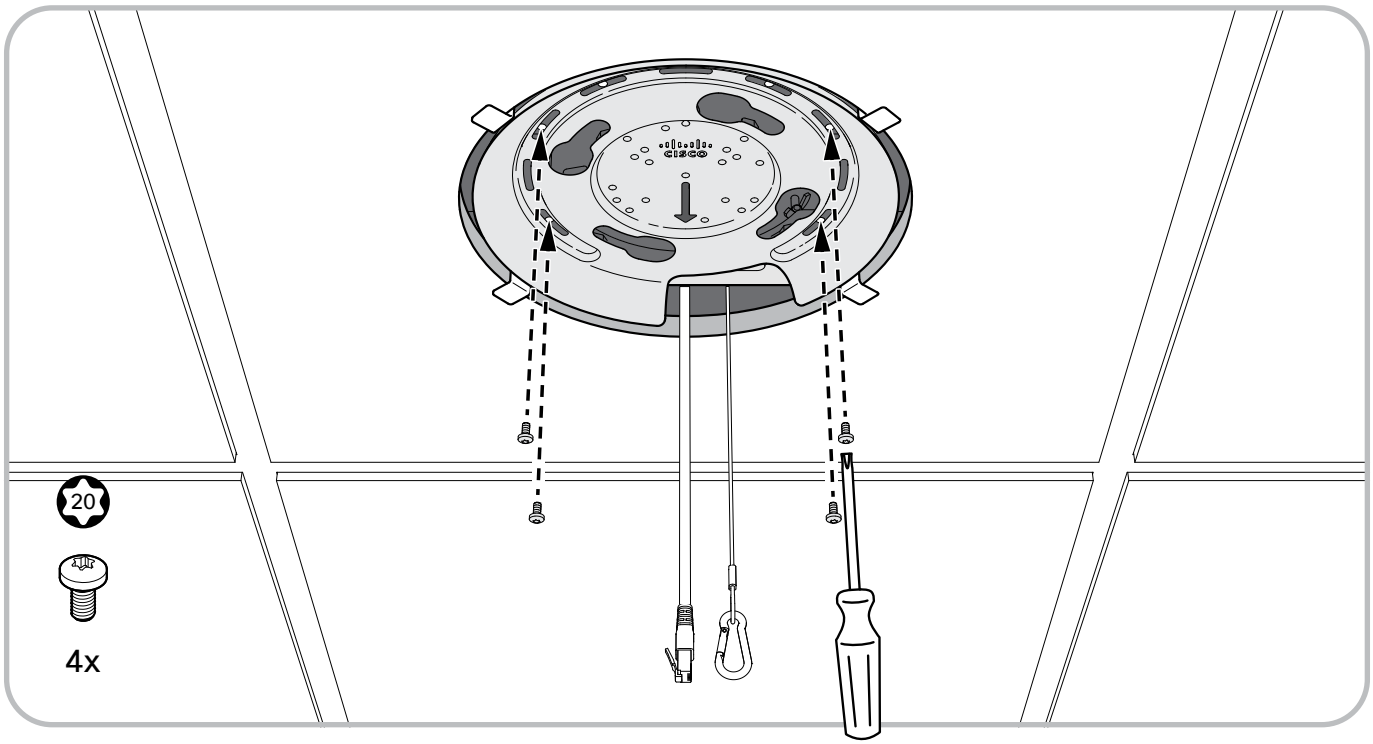
A

8 Mount the bowl.

Position the bowl so the arrow points at the main screen.
Make sure the cables go through the cable duct.



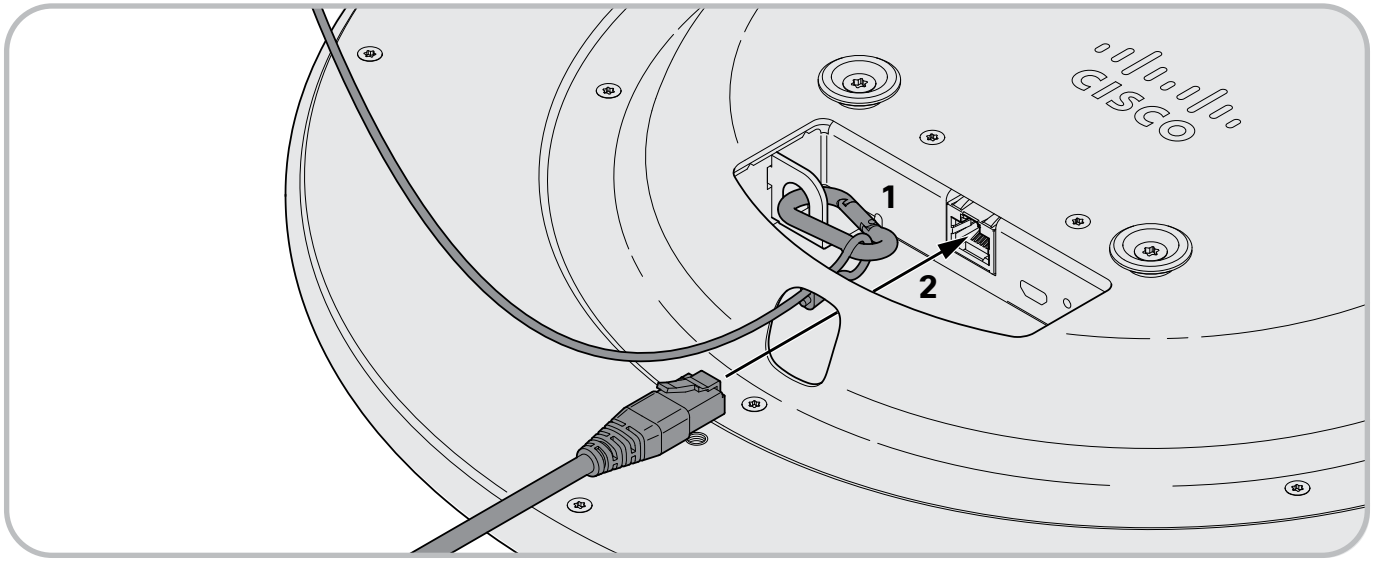
Fasten the bowl to four of the frame holes.
If four holes don’t align, revisit step 4.



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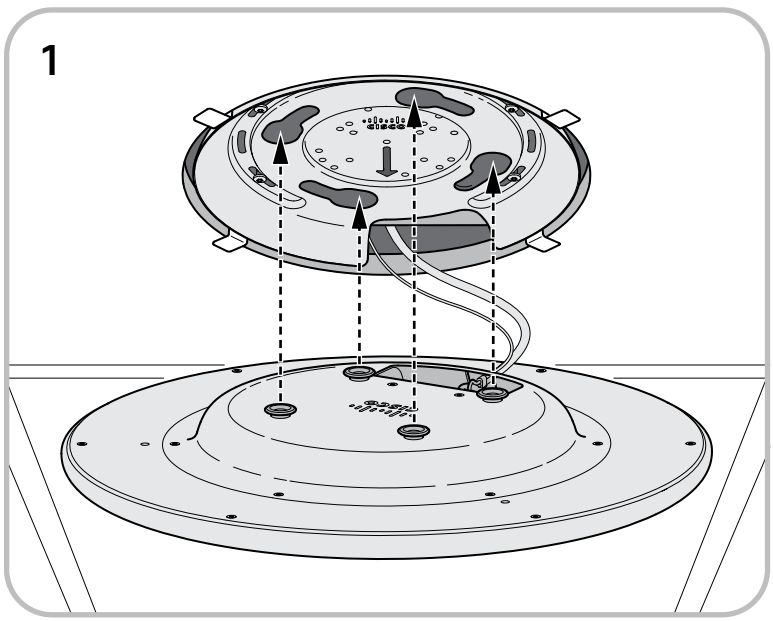
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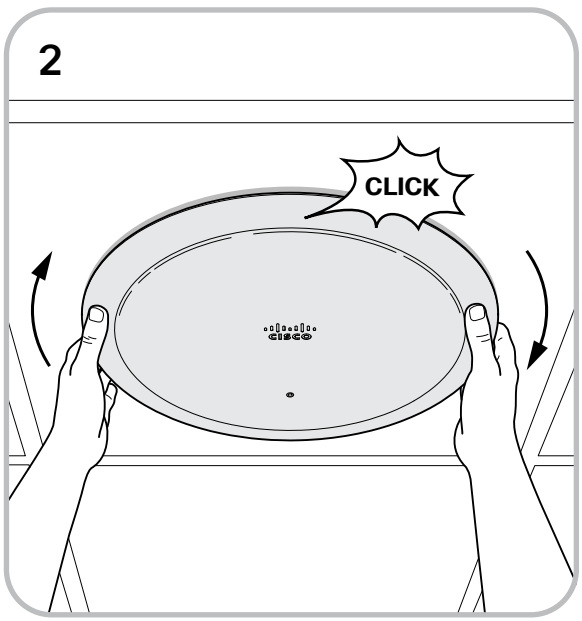
9 Connect the safety tether and ethernet cable.



10 Attach the microphone.

Place the microphone against the bowl so the interface discs enter the holes. Turn the microphone clockwise until it clicks into place. Try not to push the ceiling tile out of place.



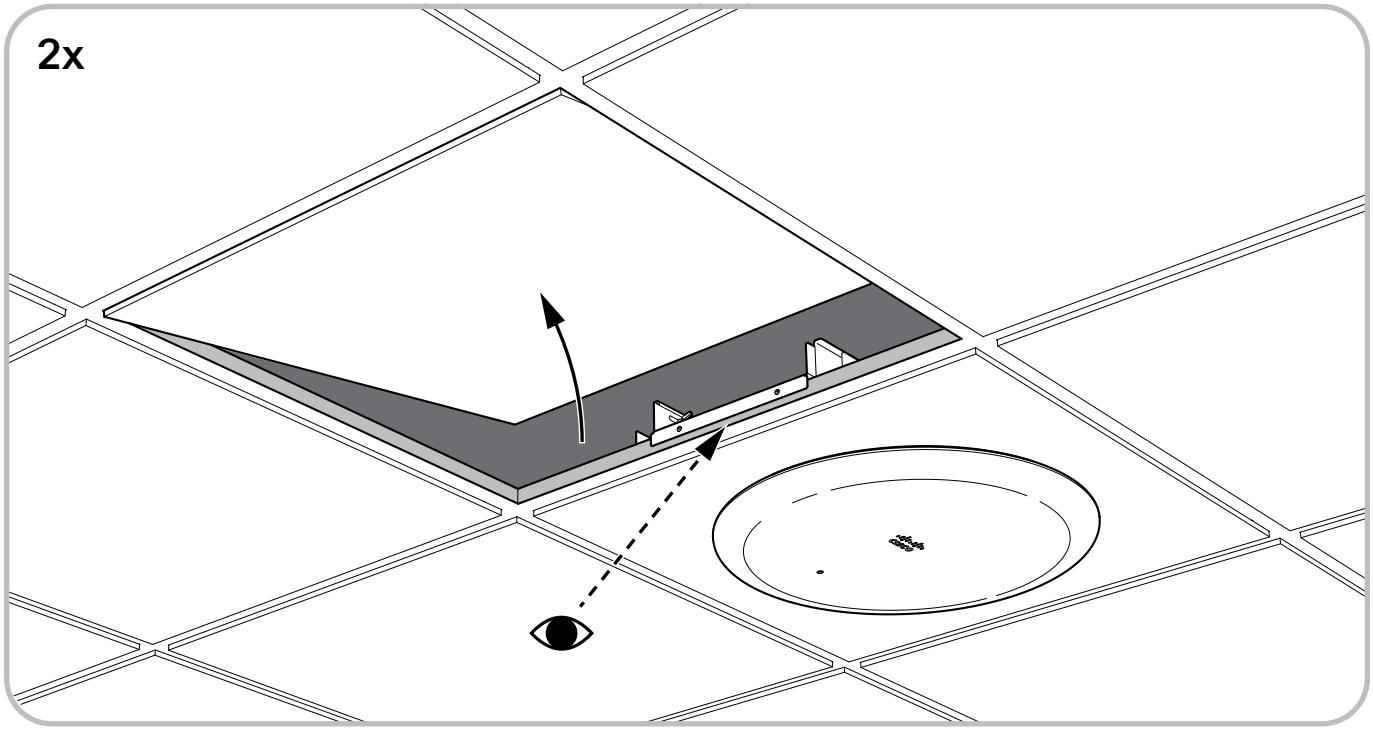


If you decide to remove the microphone, turn it counterclockwise until it disconnects from the bowl.

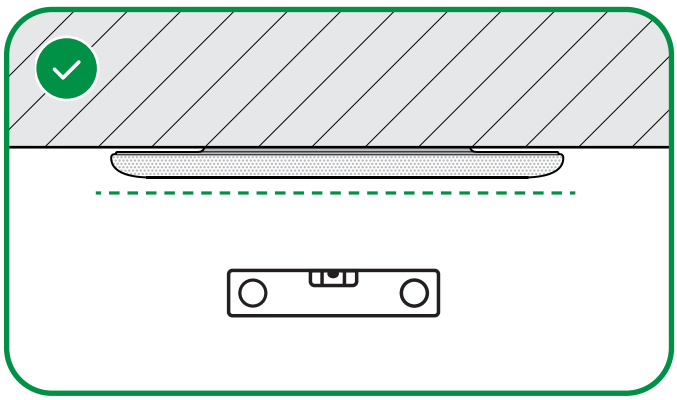
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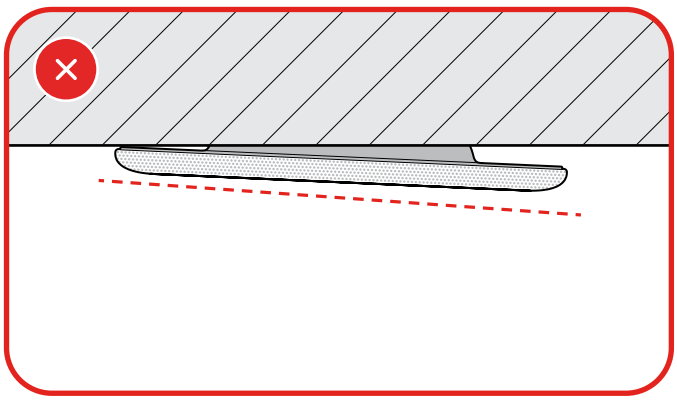
11 Ensure correct placement.

Lift the adjacent tile to check that the frame is correctly in position.



Make sure the microphone is flush with the ceiling tile all the way around.



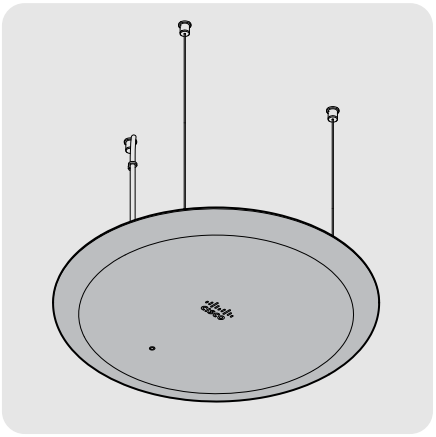


12 Continue the setup.

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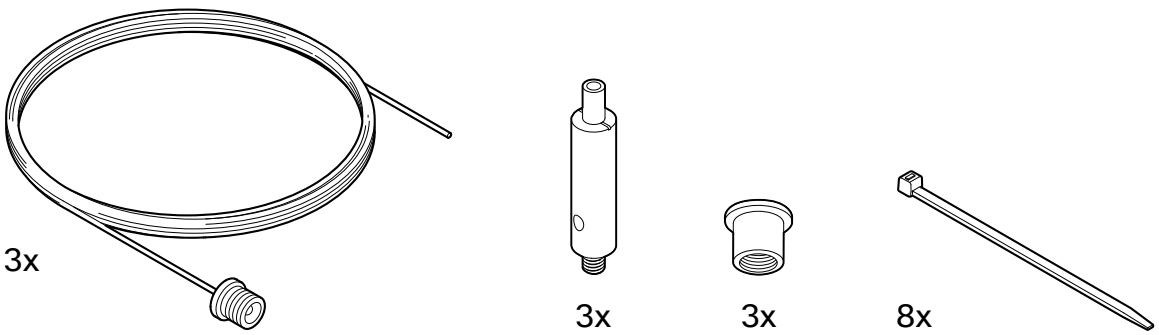
B Wire Suspension



Before you begin:

- Read the Room preparation guidelines.
- The microphone weighs 2.7 kg/5 lbs. Make sure the ceiling can safely support the product.
- Provide the appropriate screws and fasteners.
- Consider the positioning of the ethernet cable.
- Make sure you have the mounting kit shown here:

Wire Hanging Ceiling Mounting Kit
CS-MIC-CLGP-WHK

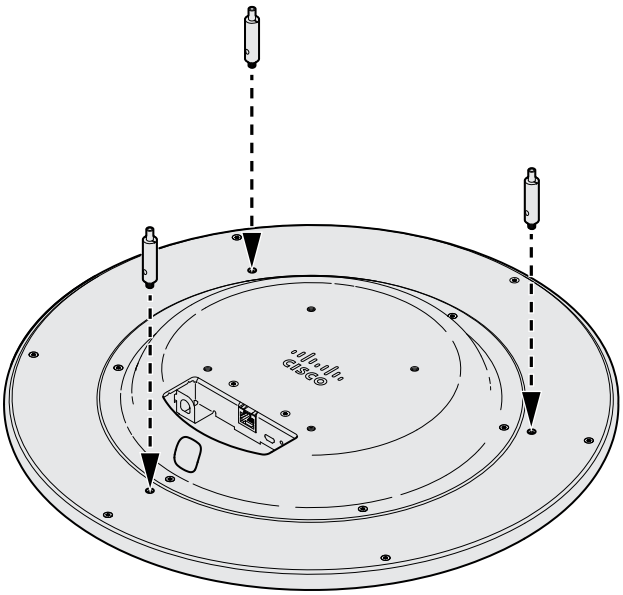


B

1 Attach the three wire grippers to the microphone.

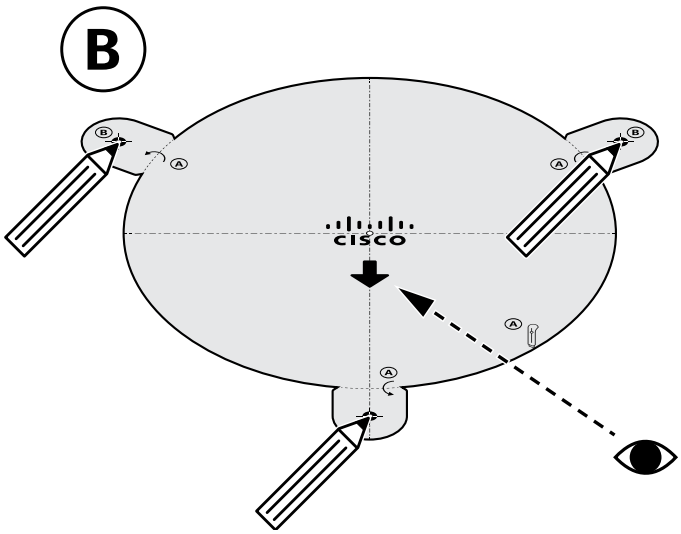


3x



2 Mark where to fasten the three wires.

Place the drilling template on the ceiling with the arrow pointing at the main screen.

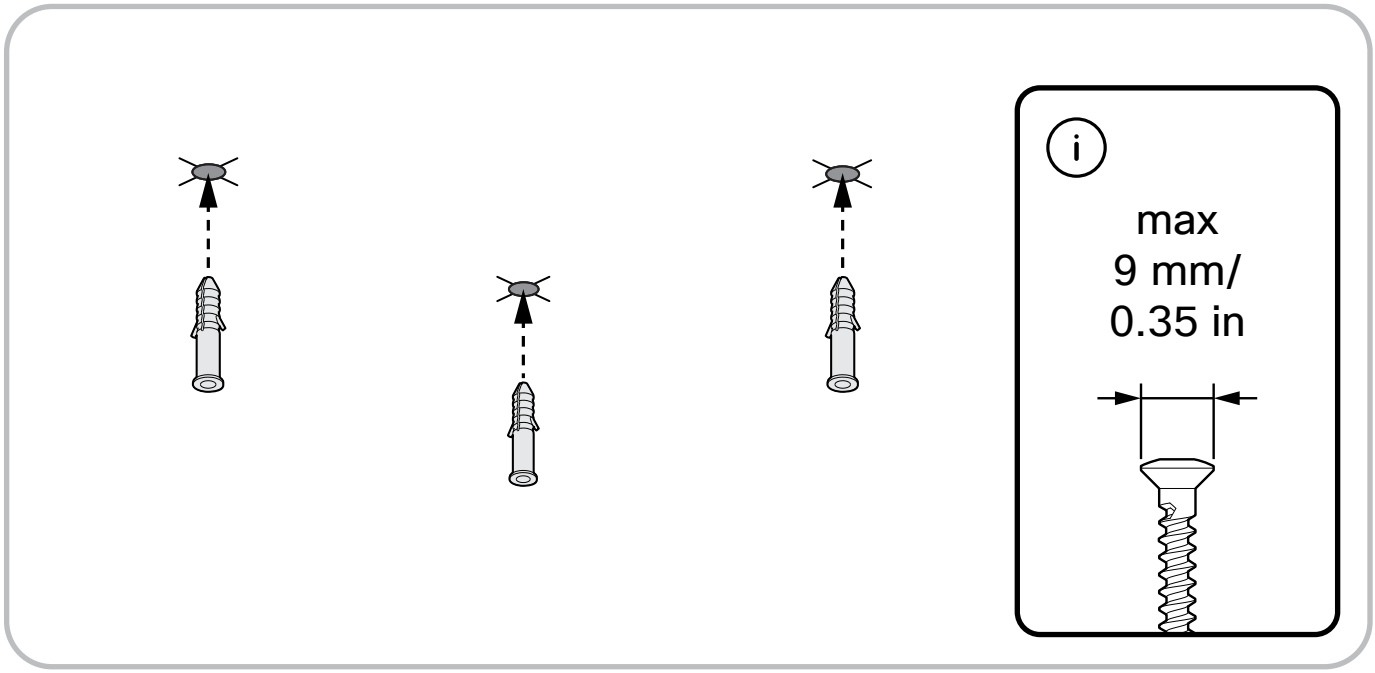


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B

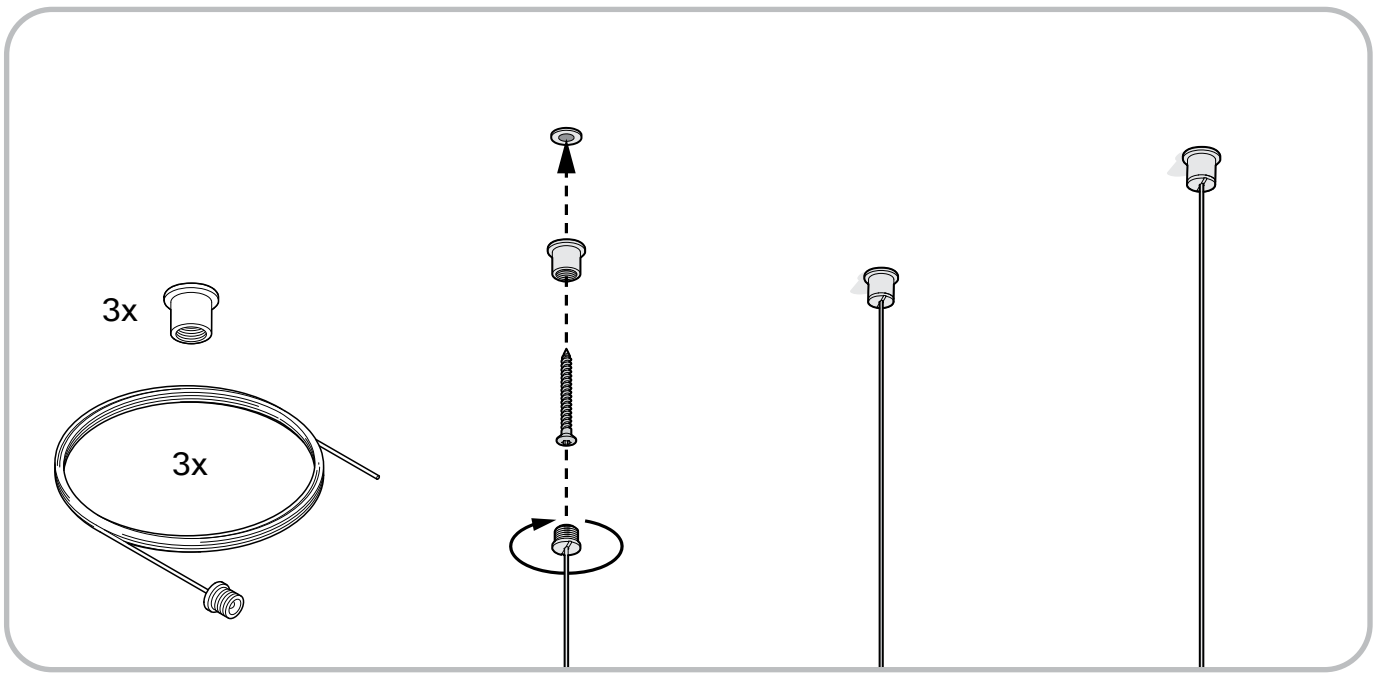
3 Drill the holes.

Depending on the type of ceiling, you may need to use plugs.



4 Attach the wires to the ceiling.

Screw the ceiling mounts to the ceiling. Uncoil and attach the wires to the ceiling mounts.

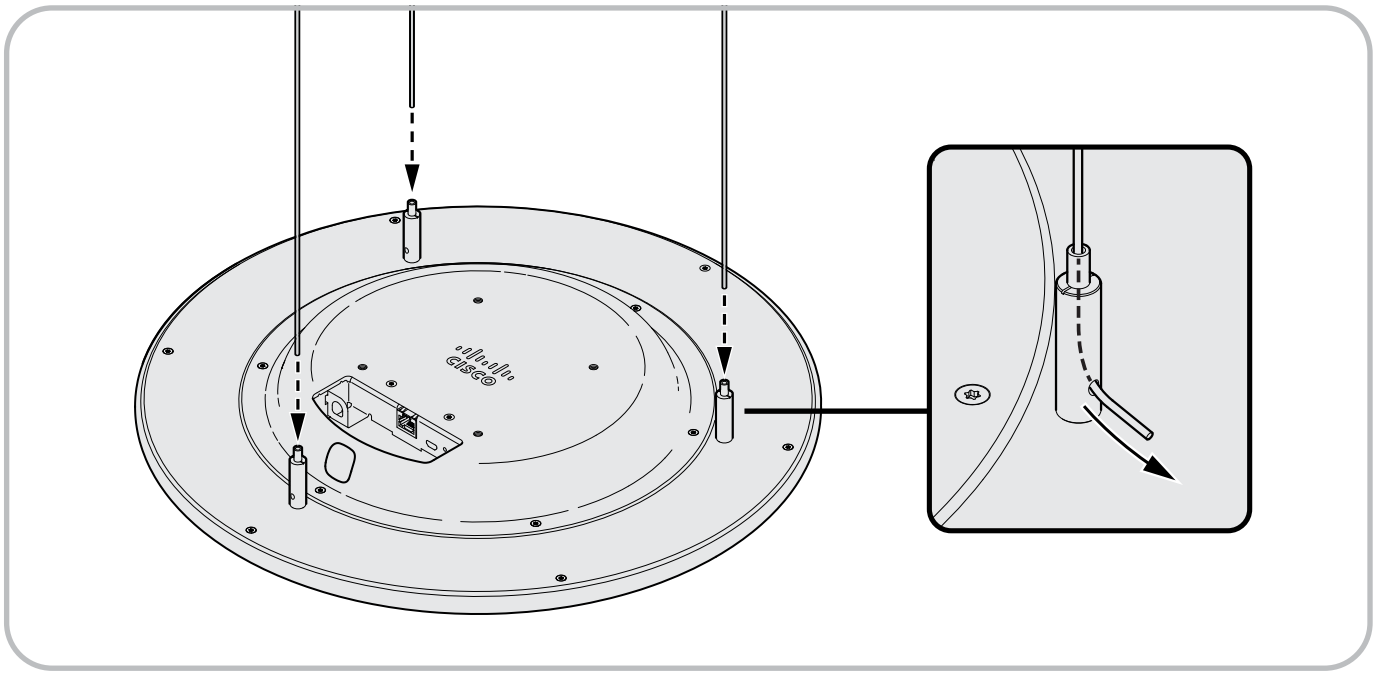


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B

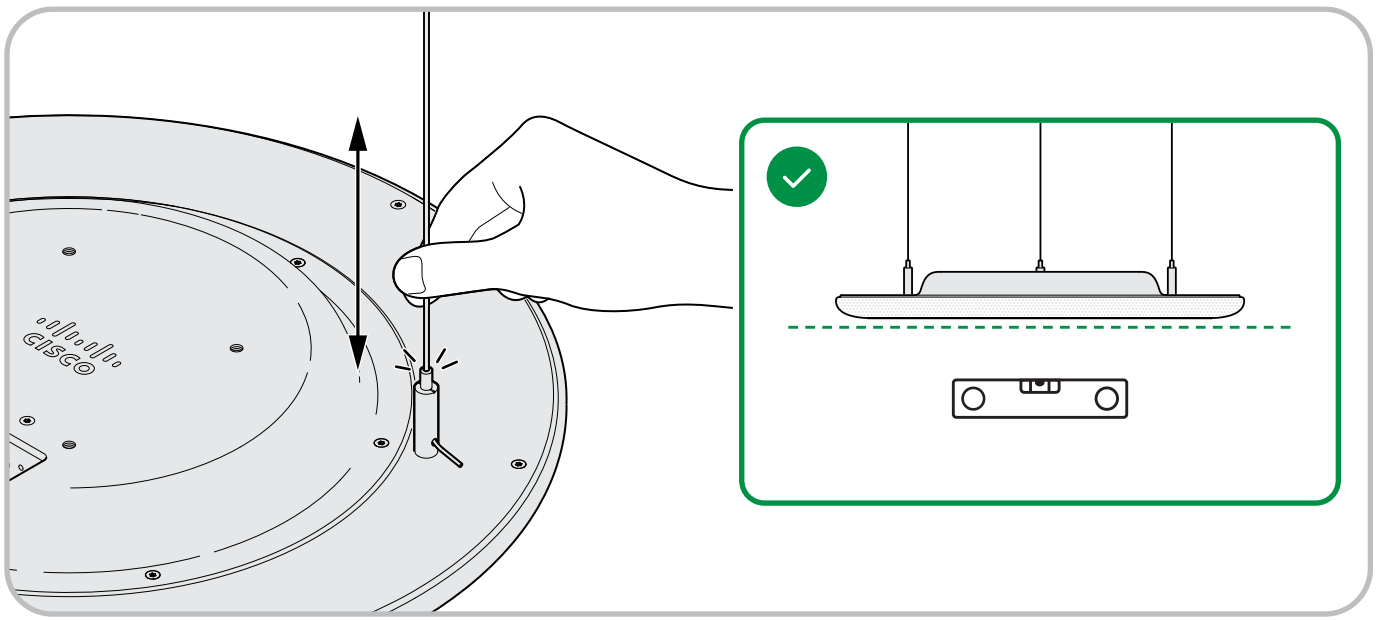
5 Attach the wires to the microphone.

Set the microphone on a flat surface with the ethernet port pointing at the main screen. Push the wires into the wire grippers.



6 Adjust the microphone height to within 2–3.5 m/7–12 ft from the floor.

Pinch the top of the wire gripper and slide the wire up or down.

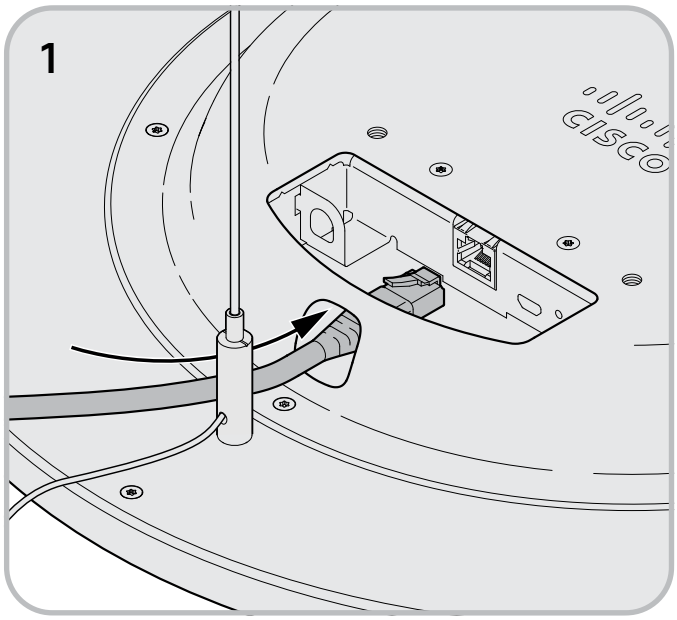


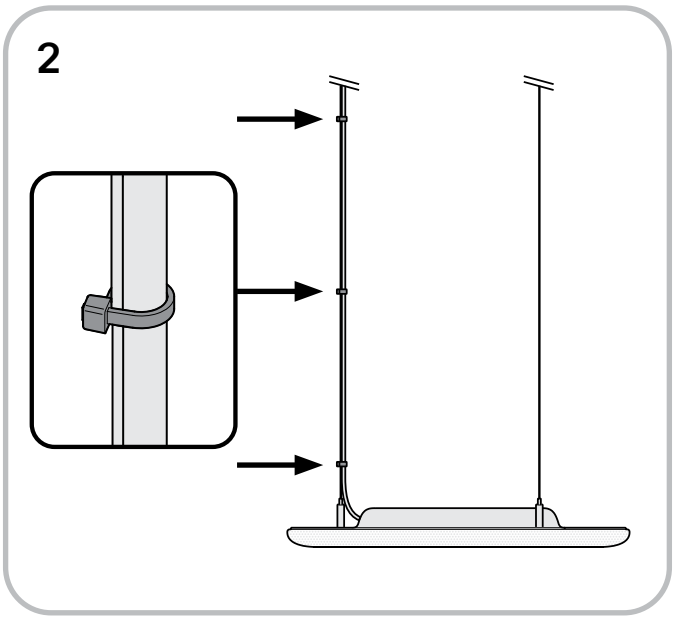
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B

7 Connect the ethernet cable to the microphone.

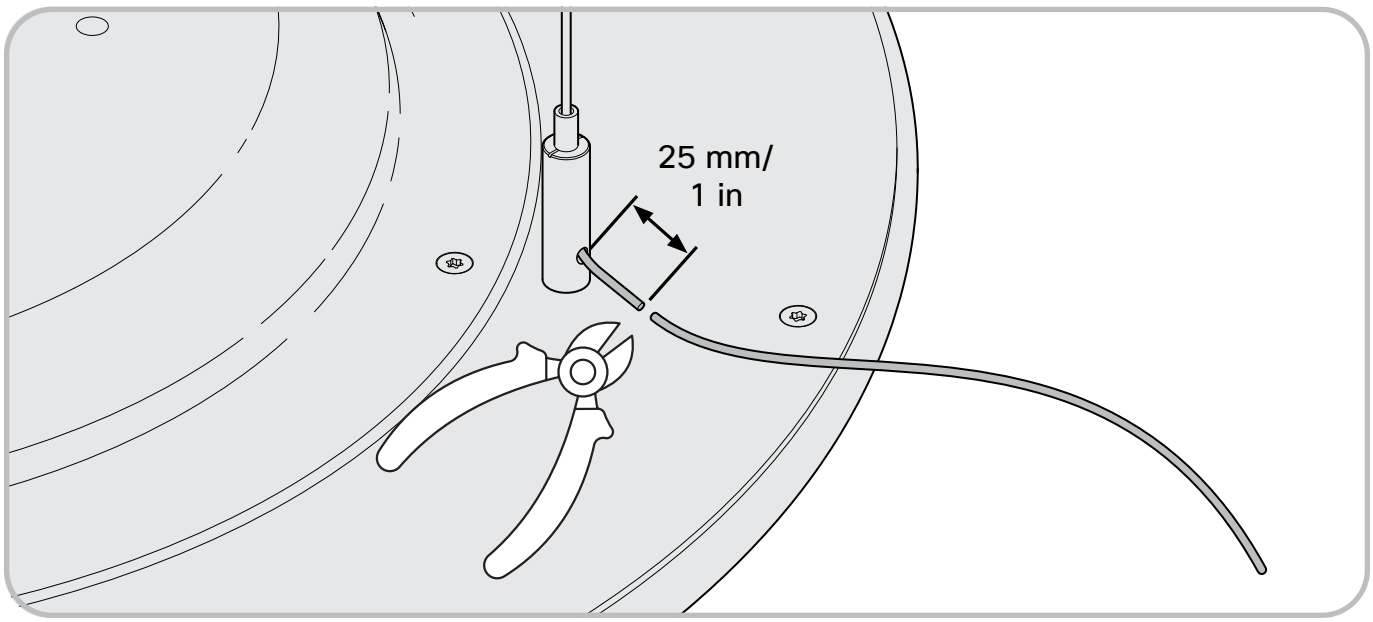
Use cable ties to fasten the cable to the closest wire.





8 Trim the wires.

When you're satisfied with the microphone's height, cut the ends of the wires 25 mm/1 in from the wire grippers.

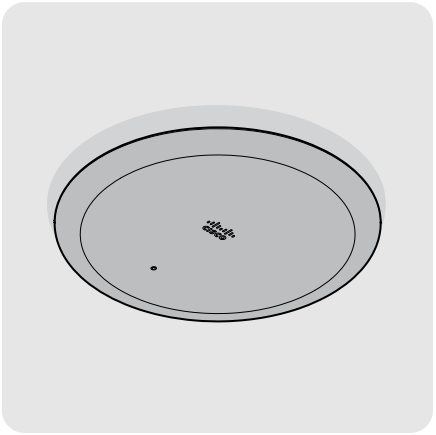


9 Continue the setup.

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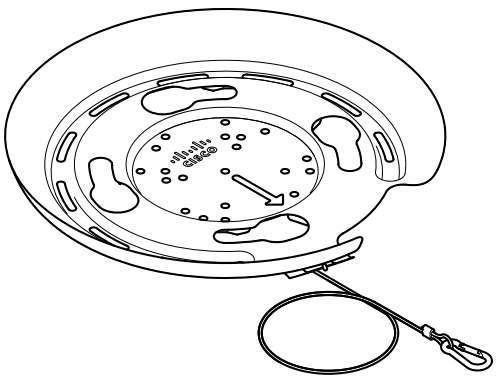
C Hard Ceiling

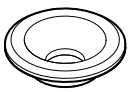


Before you begin:

- Read the Room preparation guidelines.
- The microphone with bowl and interface discs weighs 2.8 kg/6 lbs. Make sure the ceiling can safely support the product.
- Provide the appropriate screws and fasteners.
- Consider the positioning of the ethernet cable.
- Make sure you have the mounting kit shown here:

Ceiling Bracket Mounting Kit
CS-MIC-CLGP-CBK





4x



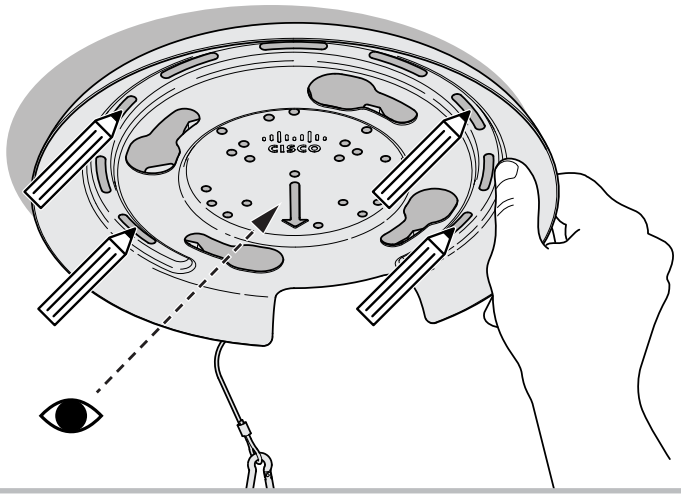
4x

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C

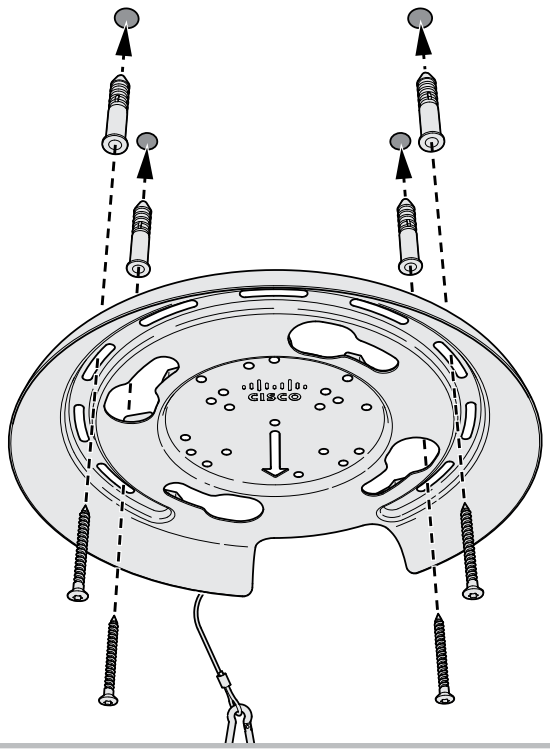
1 Mark where the screws will go.

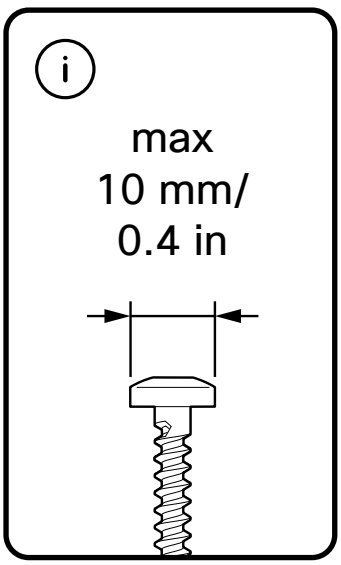
Hold the bowl against the ceiling with the arrow pointing at the main screen.



2 Drill the holes and mount the bowl.

Depending on the type of ceiling, you may need to insert plugs.

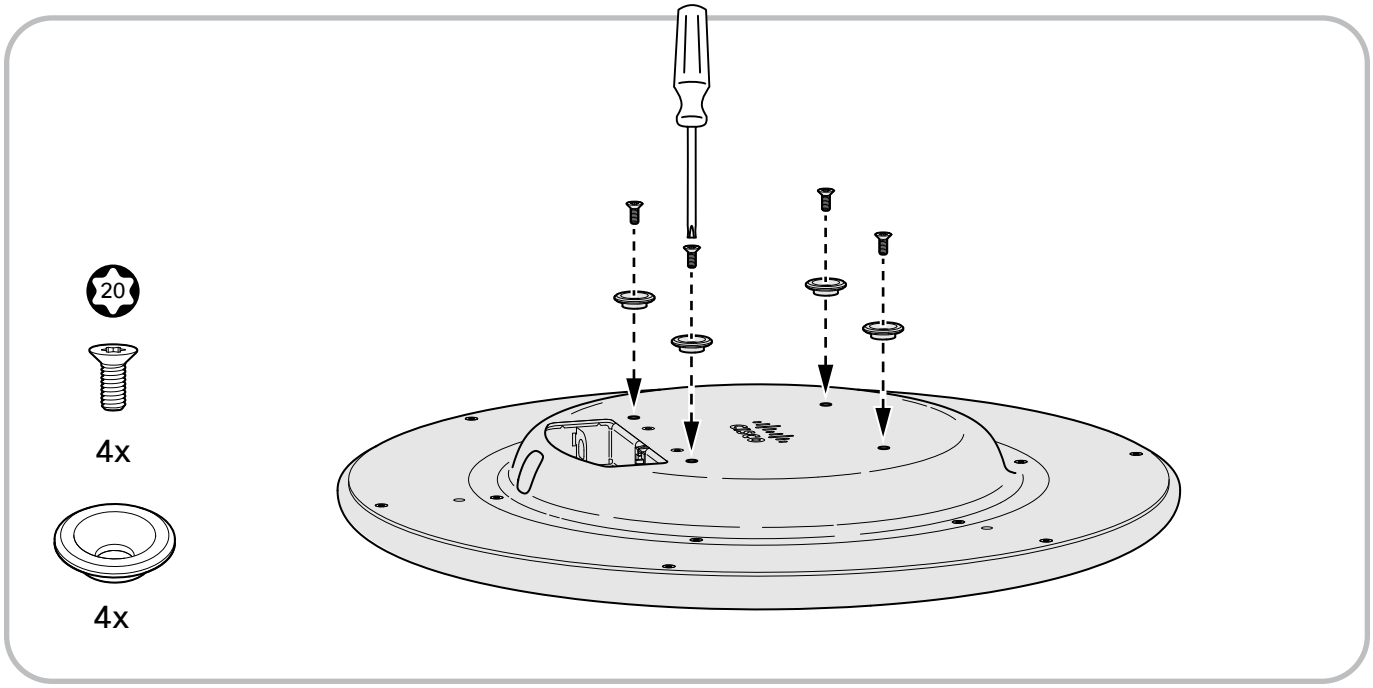




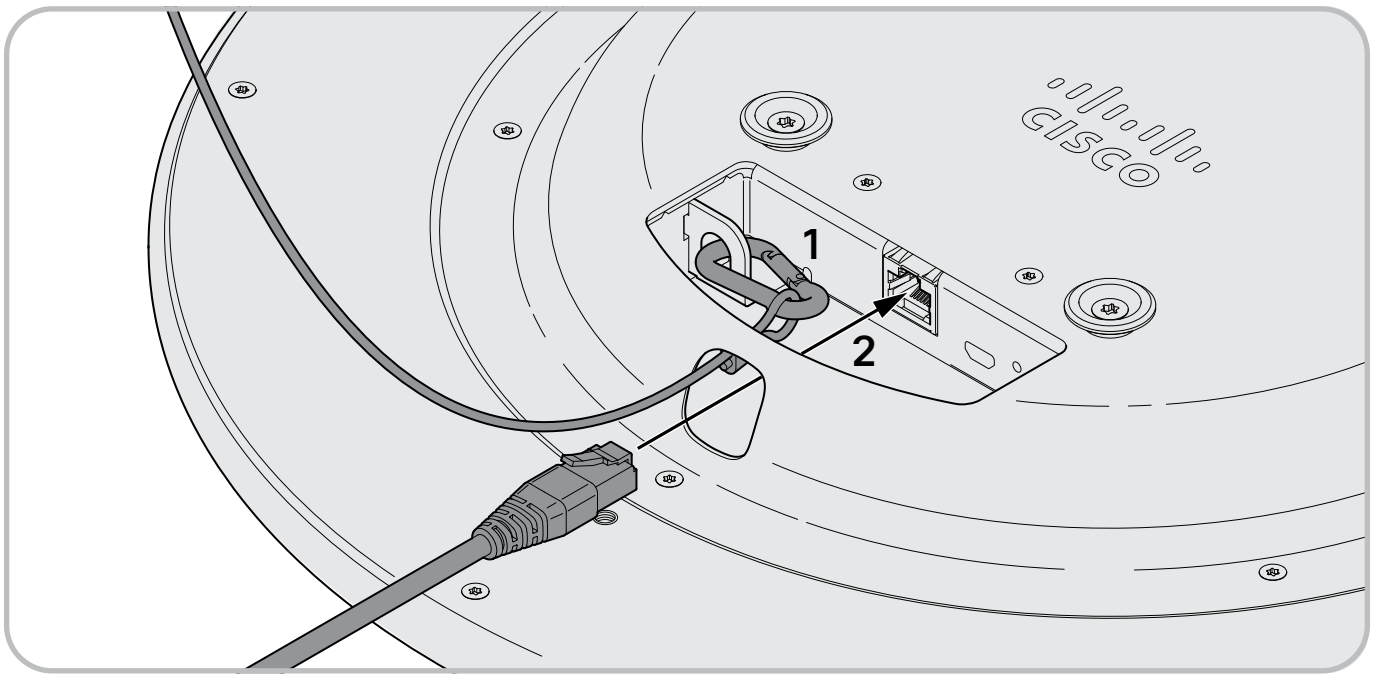
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C

3 Attach the four interface discs to the microphone.



4 Connect the safety tether and ethernet cable.



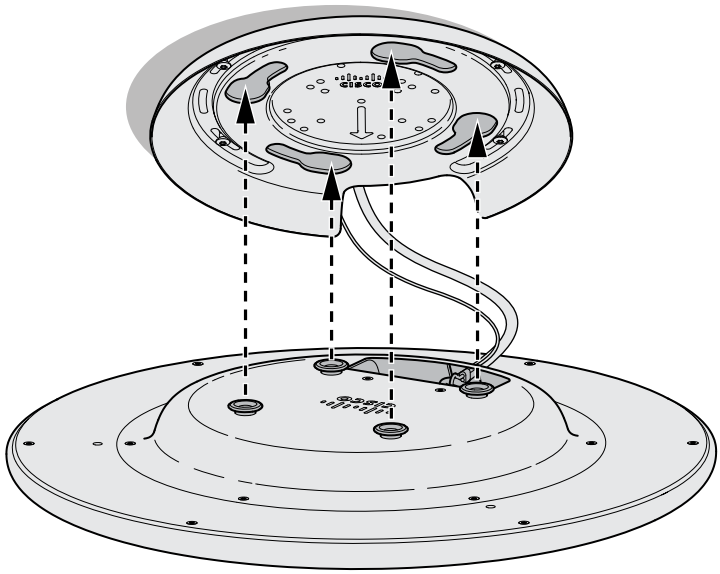
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C

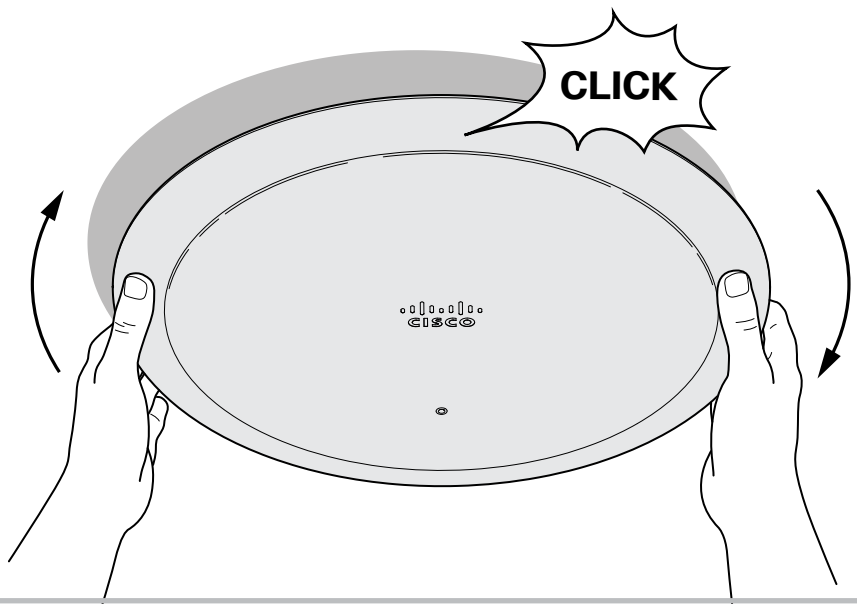
5 Attach the microphone.

Place the microphone against the bowl so that the interface discs enter the holes. Turn the microphone clockwise until it clicks into place.

1



2

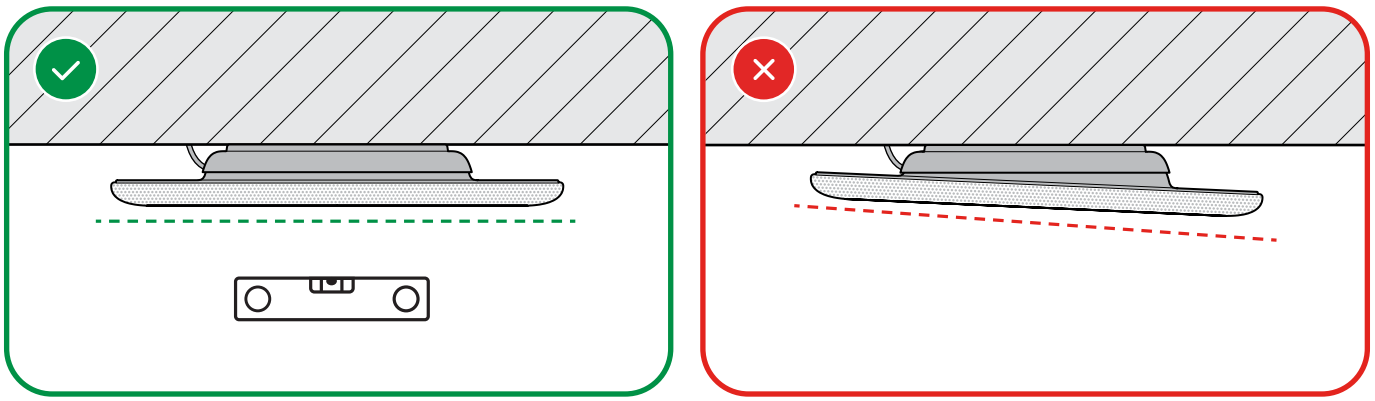


If you decide to remove the microphone, turn it counterclockwise until it disconnects from the bowl.

C

6 Ensure correct placement.

Make sure the microphone is flush with the ceiling all the way around.



7 Continue the setup.

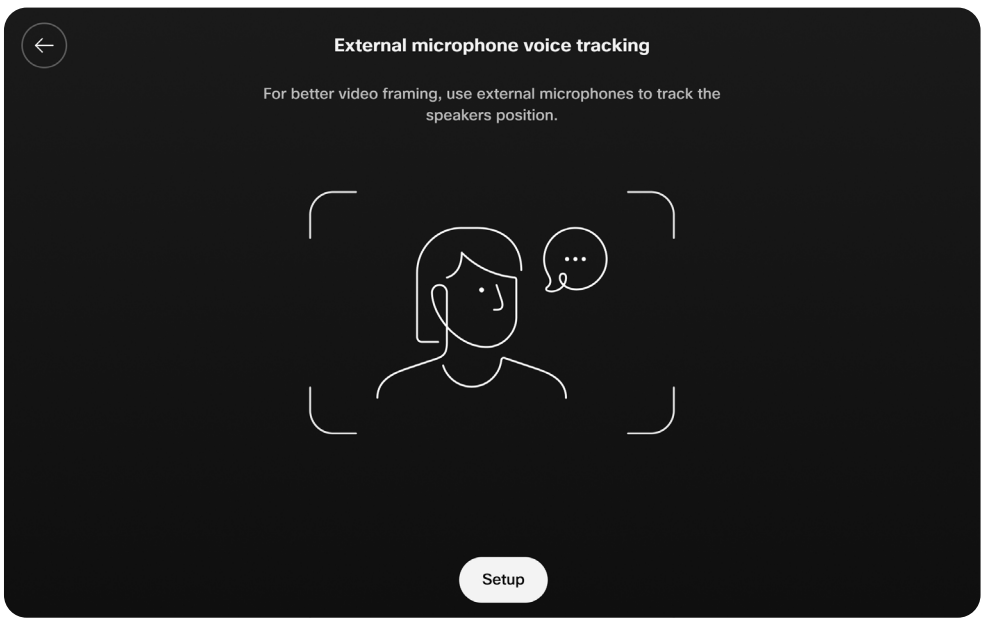
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Microphone setup

Connect the microphone to the PoE switch or the port on the video system. When the power is on, run the ‘External microphone voice tracking’ setup from the Device settings menu on the touch controller:

1. Open the Control panel on the touch controller.
2. Tap Device settings. Scroll to and tap Microphone.
3. Select ‘External microphone voice tracking’. Tap Setup.



When booting the microphone, the user facing LED on the front will show a steady white light. During setup, the LED will blink white when connecting or running updates. When those operations are complete the LED goes off.

Cleaning the microphone

⚠ Clean only with a dry cloth and avoid the Cisco logo.



Learn more

You can download the installation guide here:

Look for
Cisco Ceiling Microphone Pro

https://www.cisco.com/go/ceiling-microphone-pro-installation

Visit these websites to learn more about your device:

help.webex.com

cs.co/webexadoption

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Que contient ce guide

Pour imprimer la version française de ce guide uniquement, sélectionnez les pages 31 à 59 dans la boîte de dialogue Imprimer.

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- C. Plafond rigide 52

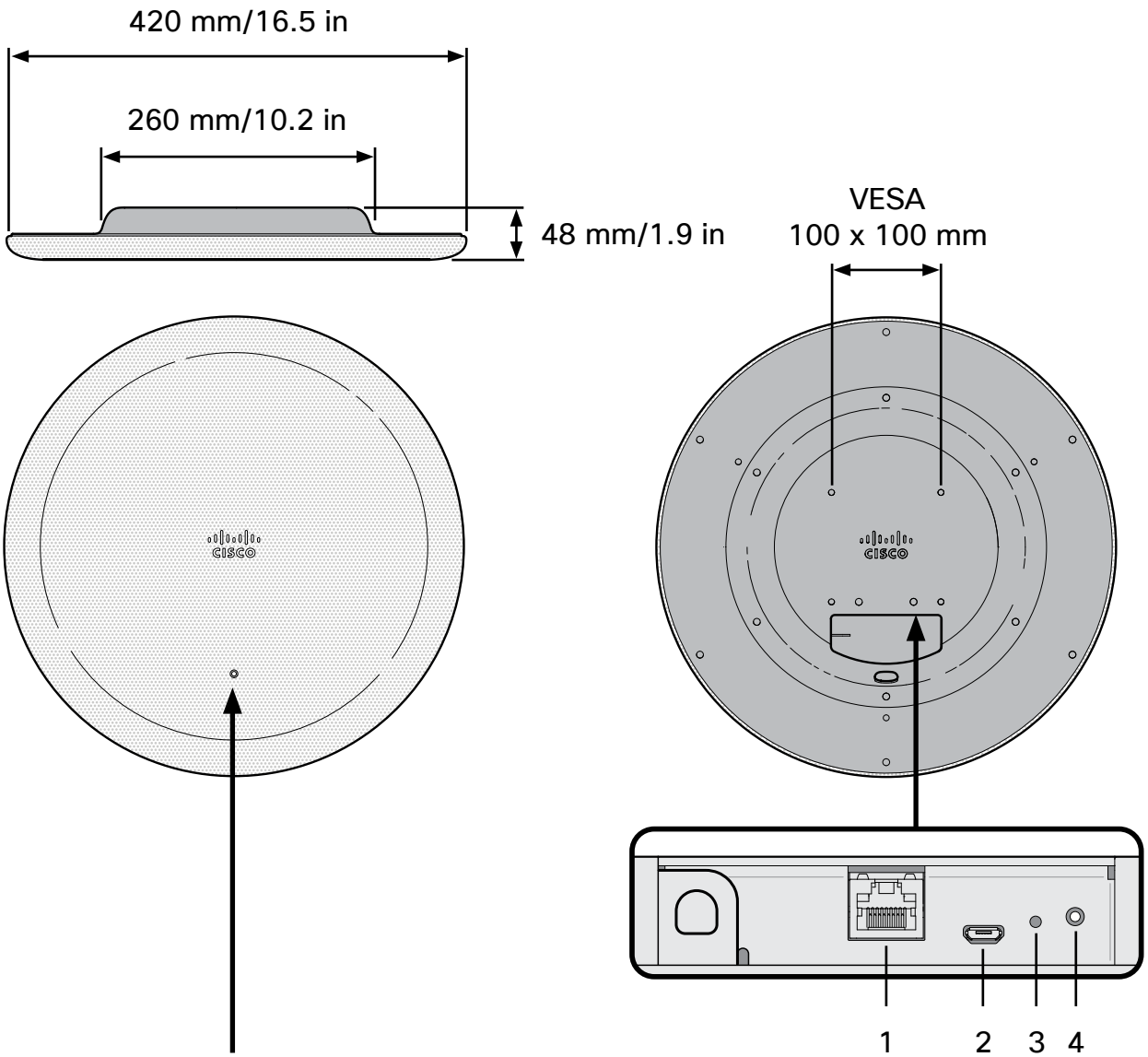
Exécuter la configuration 57

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Dimensions et caractéristiques



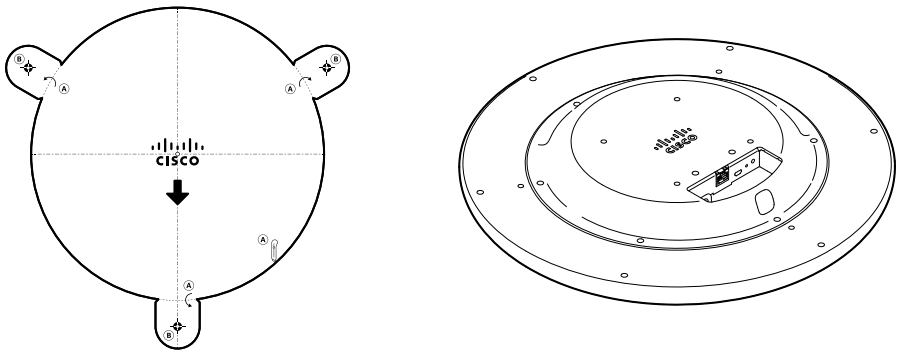
Voyant d'état du microphone

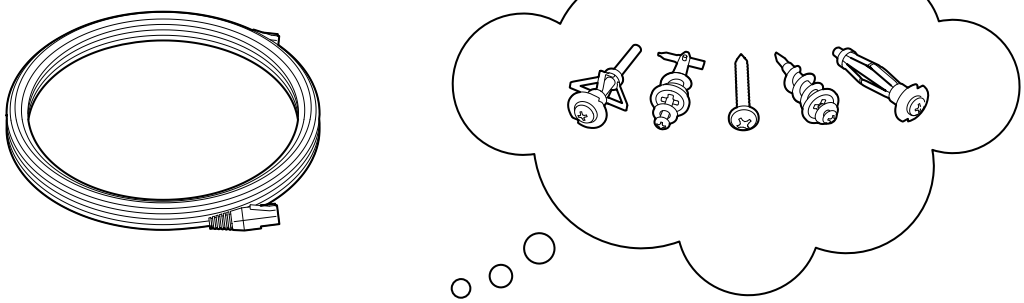
- Vert : en cours de fonctionnement, ALLUMÉ
- Rouge : en cours de fonctionnement, SILENCE
- Blanc: mode de configuration

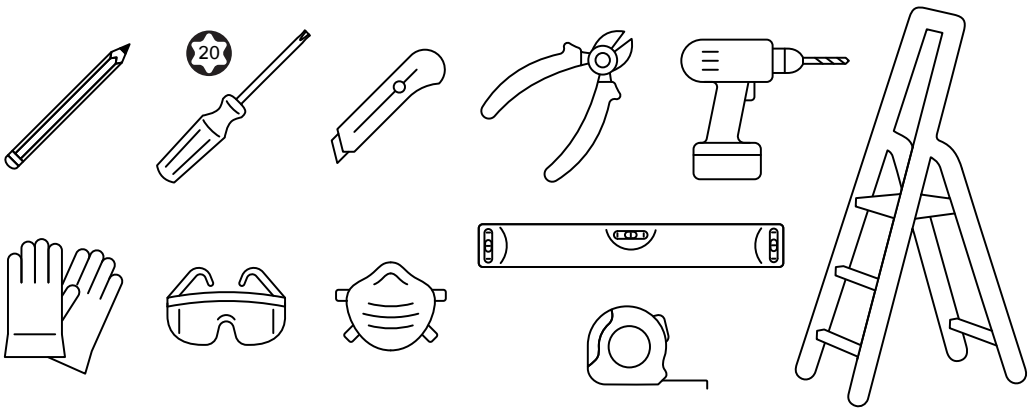
Panneau de connexion

1. Ethernet (PoE)
2. Maintenance
3. Réinitialiser
4. Indicateur d'alimentation

Contenu de la boîte et outils







Préparation de la salle

Distances

Les Figures 1, 2 et 3 illustrent les directives de placement des microphones. Pour respecter ces consignes, utilisez l'un des kits de montage pour microphones de plafond Cisco Pro, comme indiqué dans ce guide.

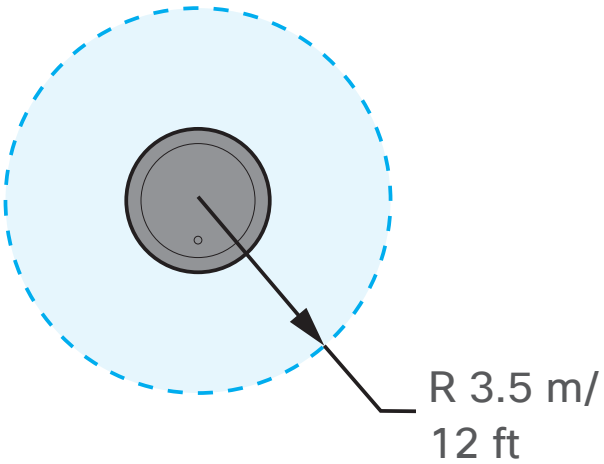


Fig. 1: Portée optimale max.

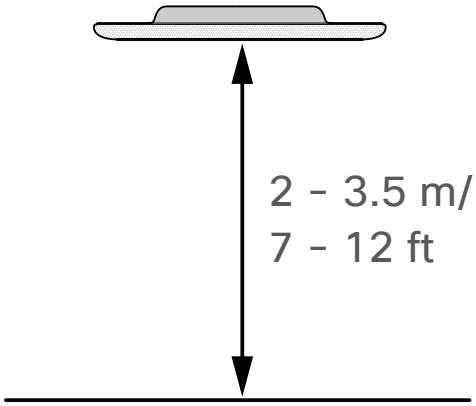


Fig. 2: Distance par rapport au sol

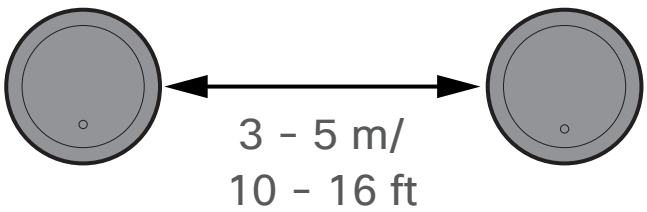


Fig. 3: Distance entre les microphones

Positionnement par rapport aux participants

La taille, la disposition et l'acoustique de votre salle détermineront le nombre de microphones de plafond Pro nécessaire pour une couverture optimale. Lorsque vous installez le ou les microphones, veillez à ce que tous les participants soient face à au moins un microphone, dans la mesure du possible.

Si vous n'installez qu'un seul microphone, nous vous recommandons de le monter à l'avant de la table plutôt qu'au centre (Figure 4). Ainsi, tous les participants, y compris ceux qui se trouvent au premier rang, font face au microphone lorsqu'ils parlent en direction du système vidéo. Si la distance entre le microphone et les participants est trop importante, nous vous recommandons d'installer un deuxième microphone (Figure 5).

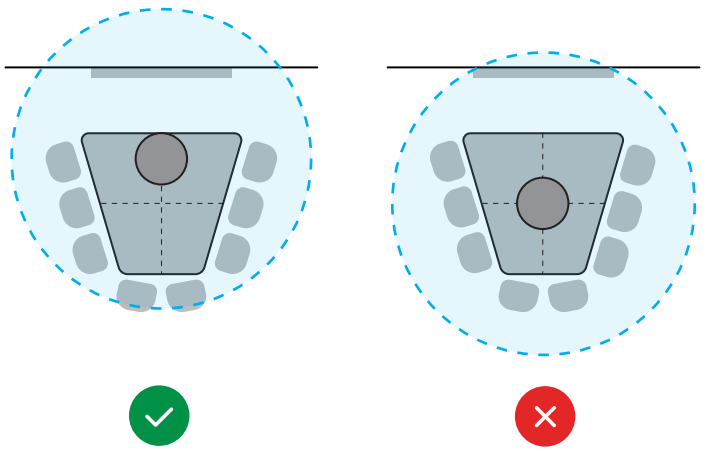


Fig. 4

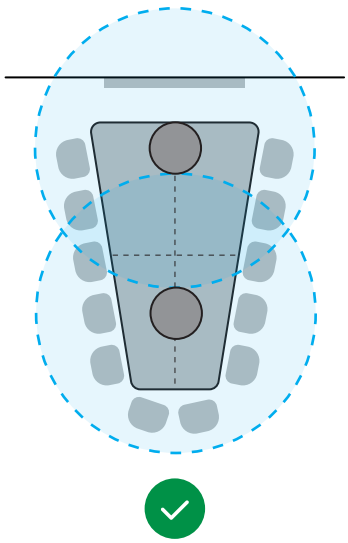


Fig. 5

Une installation optimale doit respecter ces limites. L'acoustique de la pièce affecte les performances du microphone, ainsi que le degré de dégradation en dehors des limites. Dans une pièce dont l'acoustique est médiocre, installer le microphone par rapport à la limite inférieure de ces recommandations.

En combinaison avec des systèmes vidéo

Si votre système vidéo est équipé de microphones internes pour la prise de parole, le microphone de plafond Cisco Pro peut étendre la portée de la prise de parole et améliorer cette dernière pour les participants situés en arrière dans la salle (Figure 6). Montez le microphone de plafond Cisco Pro aux limites de la portée du microphone du système vidéo:

- Cisco Room Bar 3 m/10 ft
- Cisco Room Bar Pro, Cisco Board Pro 4 m/13 ft

Pour utiliser le microphone de plafond Pro avec les microphones internes du Board Pro ou du Room Bar Pro, assurez-vous d'exécuter l'assistant Suivi de la voix du microphone externe après l'installation.

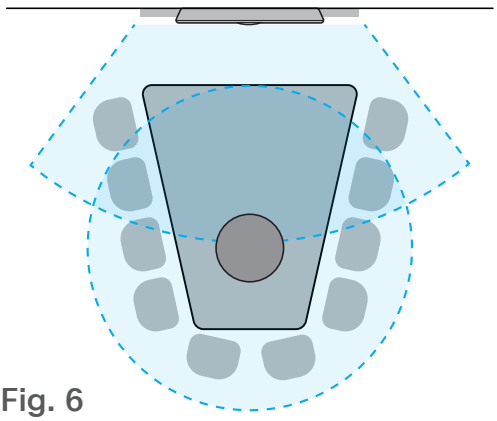


Fig. 6

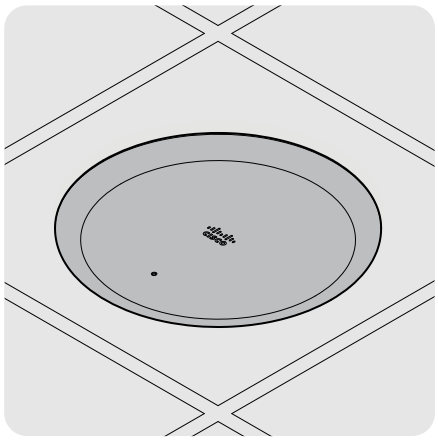
Autres facteurs à prendre en compte

- Assurez-vous qu'aucun objet n'est suspendu au plafond (comme des lampes, des éléments d'un bâtiment, etc.) entre le microphone et tous les participants potentiels.
- Évitez de placer le microphone à proximité de sources de bruit telles que des systèmes de ventilation ou autres installations techniques.
- Nous vous recommandons d'éviter d'installer le microphone de plafond à proximité de haut-parleurs dans la pièce.

Options de montage

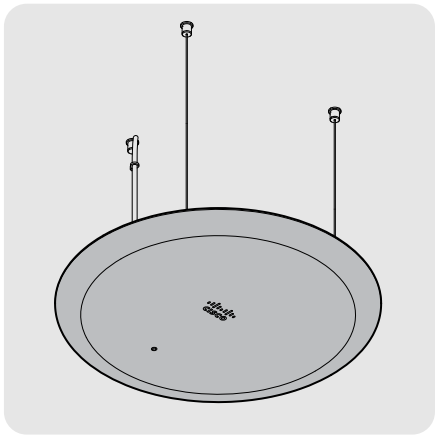
A Ossature pour faux-plafond

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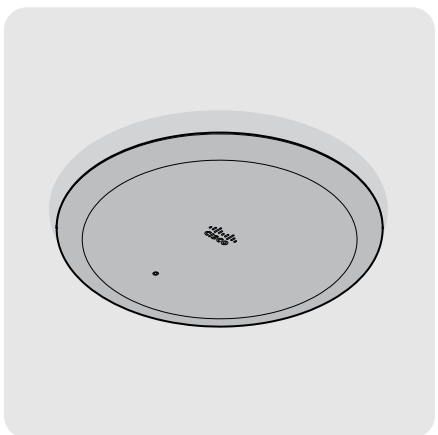
B Suspension par câble

Page 47



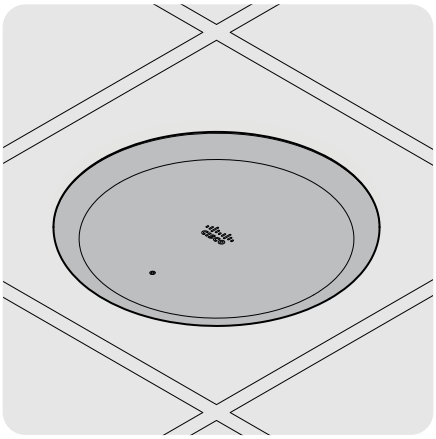
C Plafond rigide

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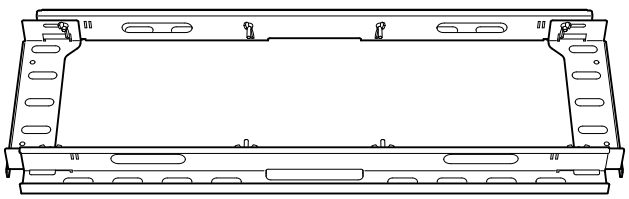
A Ossature pour faux-plafond



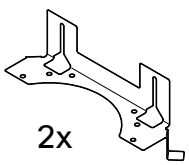
Avant de commencer:

- Consultez les consignes relatives à la préparation de la salle.
- Le microphone avec l'ossature pour faux-plafond pèse 3.5 kg/7 lbs. Assurez-vous que le plafond peut soutenir le produit en toute sécurité.
- Pensez à placer le câble Ethernet.
- Assurez-vous de disposer du kit de montage indiqué ici:

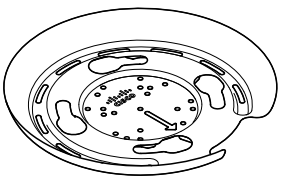
Kit de montage sur ossature pour faux-plafond
CS-MIC-CLGP-DMK

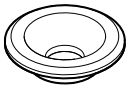


592 - 620 mm
23.3 - 24.4 in



2x





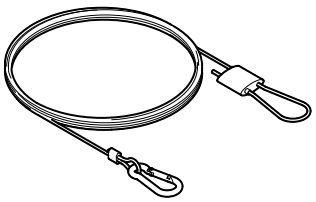
4x



4x



4x

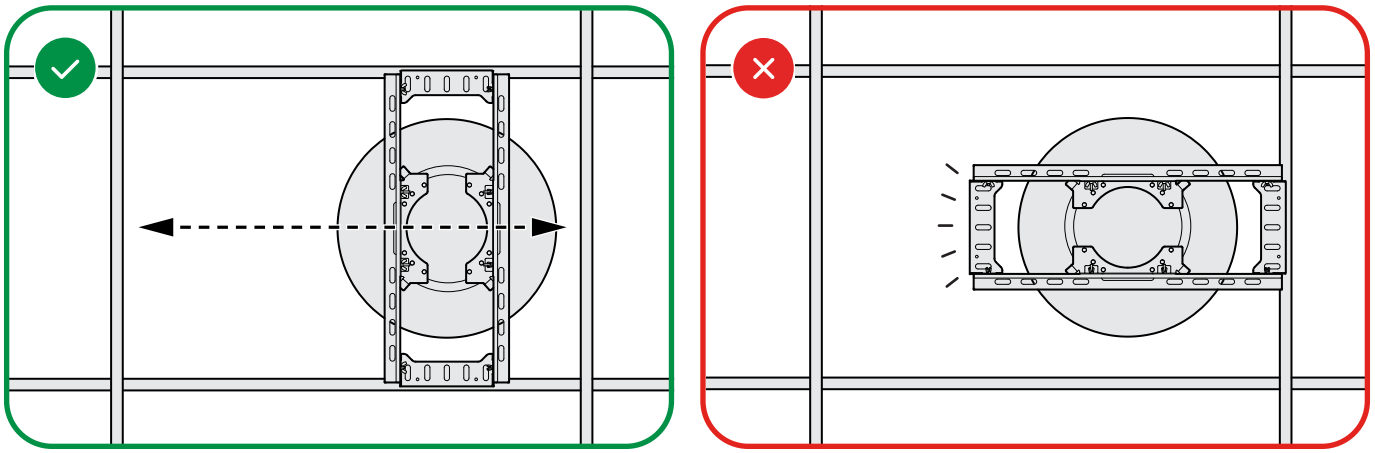


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A

Placement décentré

Si vous souhaitez installer le microphone de manière décentrée sur la dalle, positionnez le cadre de montage de manière à ce qu'il repose sur les barres en T du plafond suspendu.

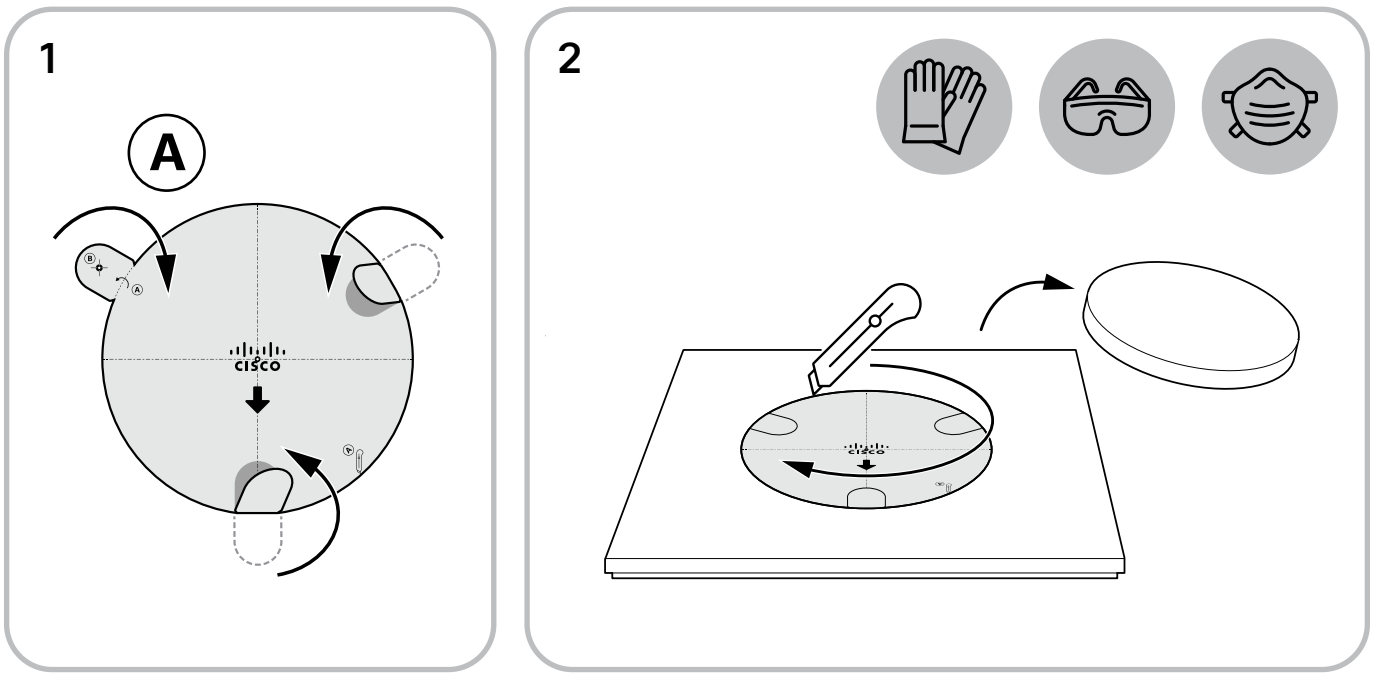


Orientation flexible du cadre avec microphone.

---

1 Préparez la dalle.

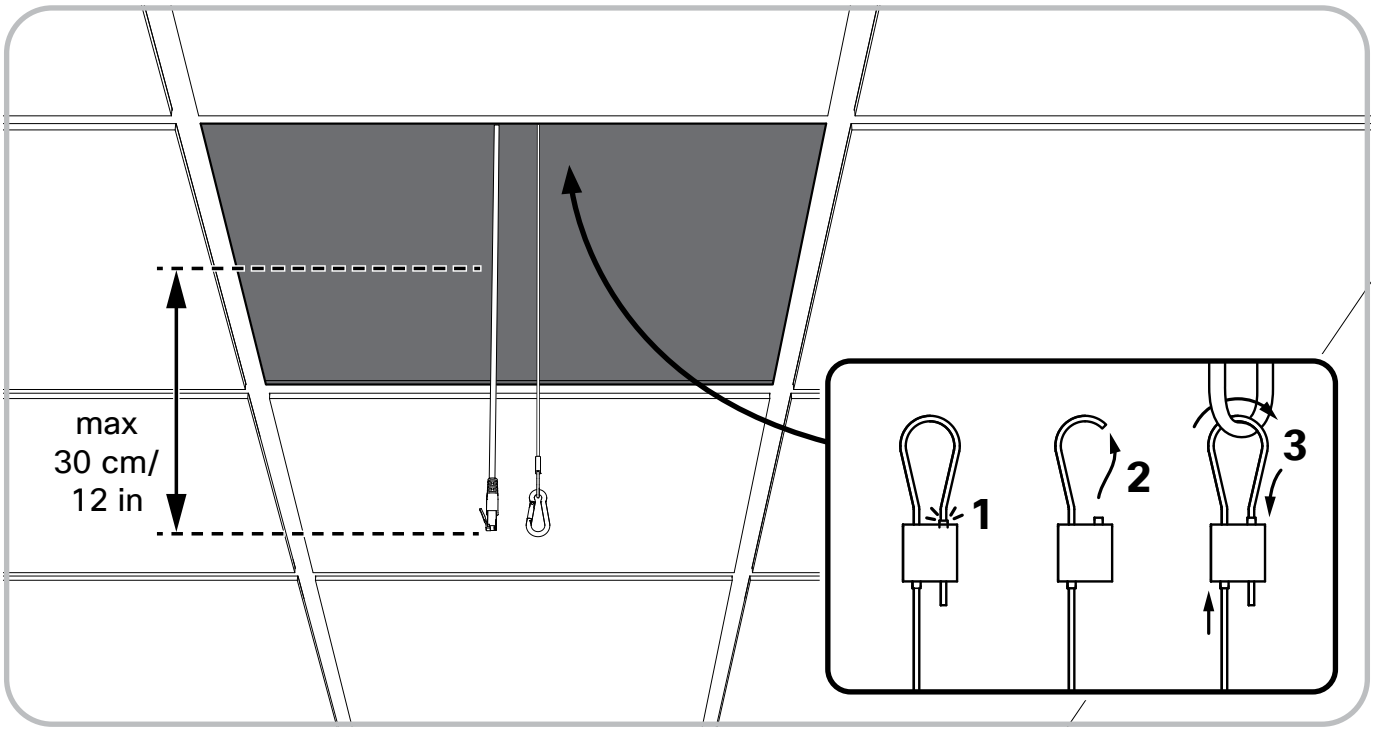
Retirez la dalle de plafond et utilisez le patron de montage pour la percer.



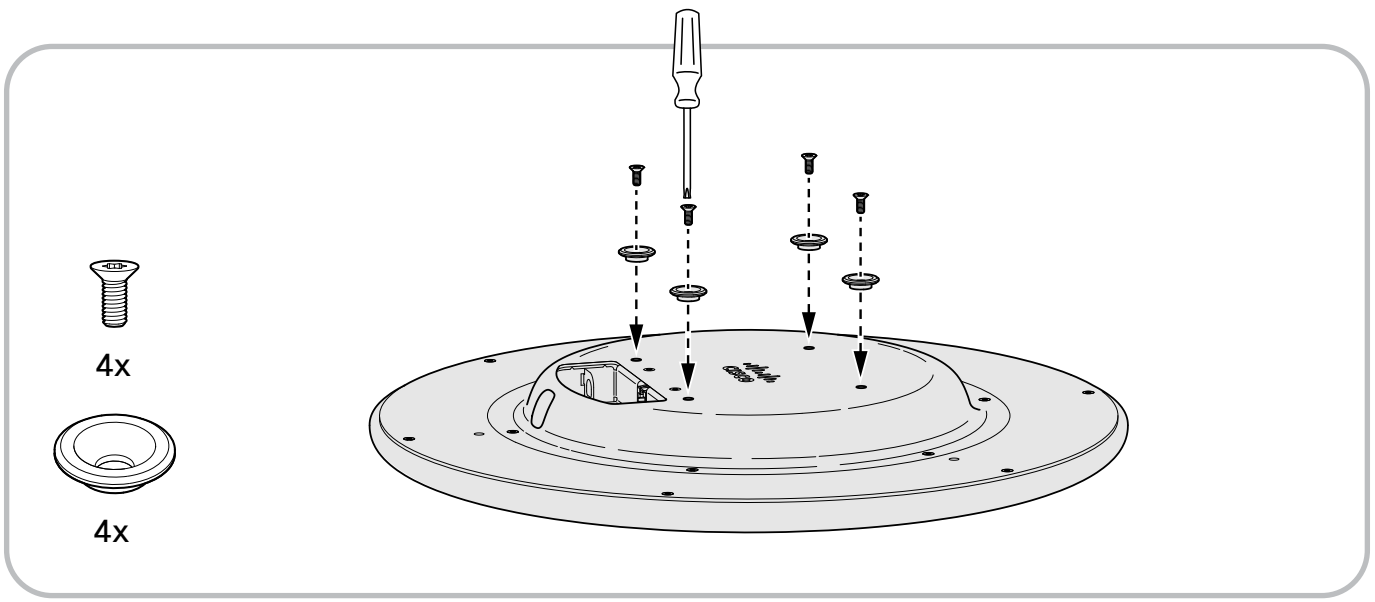
A

2 Préparez le câble de sécurité et le câble Ethernet.

Attachez le câble de sécurité à un point sécurisé au-dessus des dalles de plafond de sorte que le crochet pende à environ 30 cm/12 in du plafond.



3 Fixez les quatre disques d’interface au microphone.

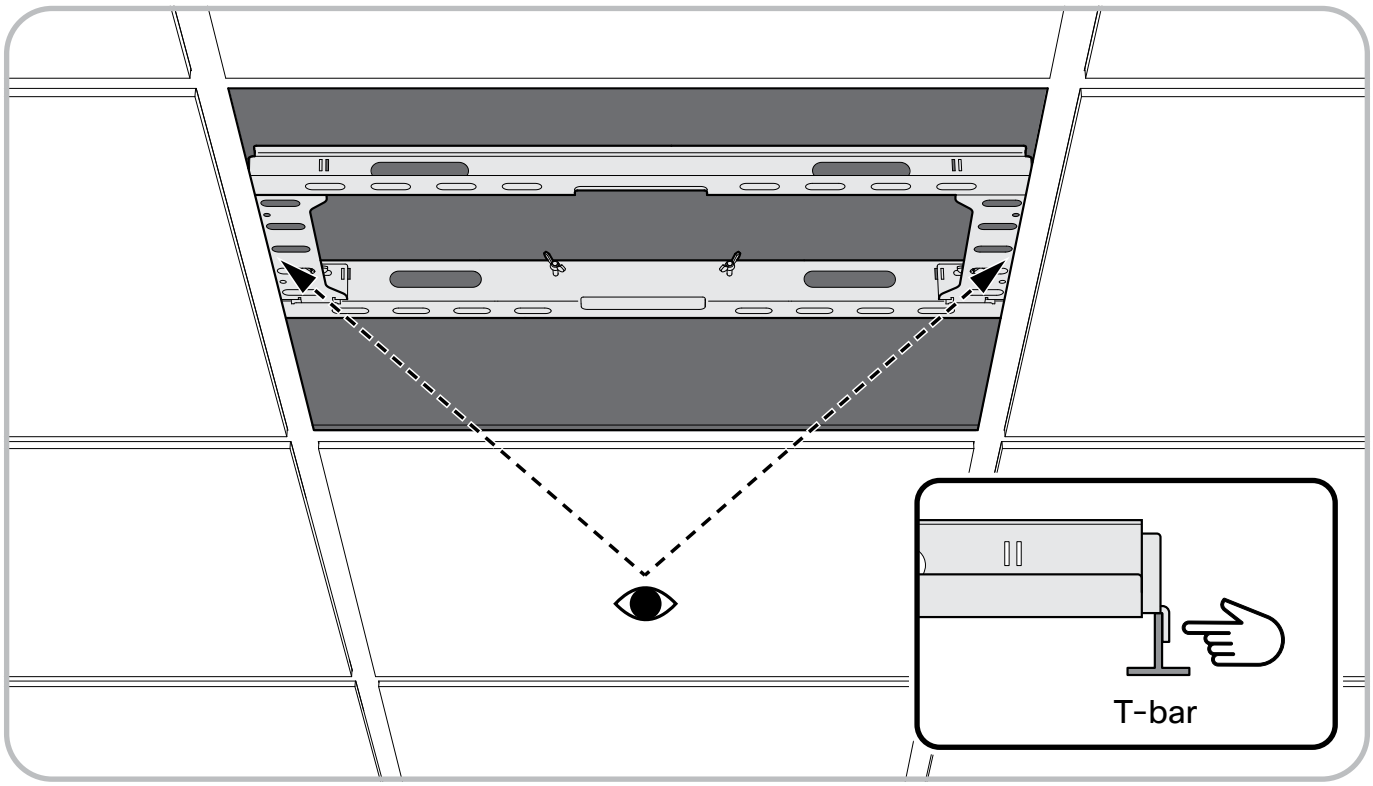


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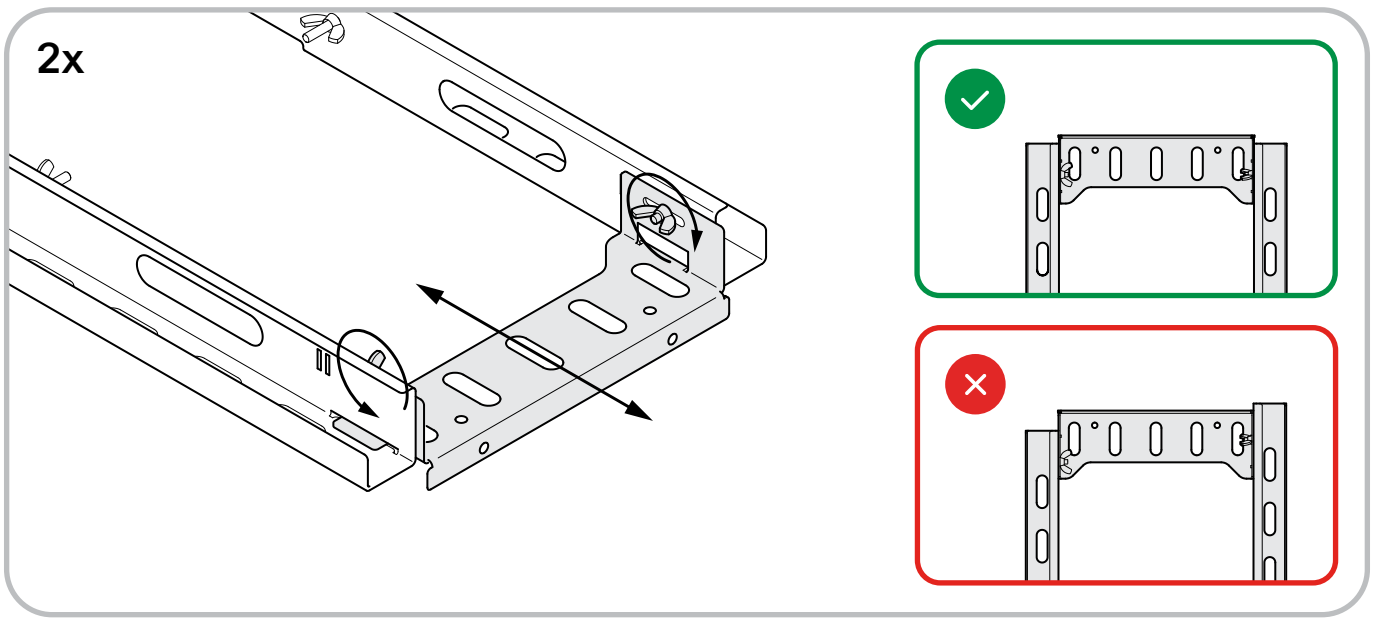
A

4 Ajustez le cadre.

Placez temporairement le cadre sur les barres en T et ajustez-le jusqu'à ce qu'il s'y accroche. Serrez les écrous à ailettes. Ensuite, retirez le cadre.

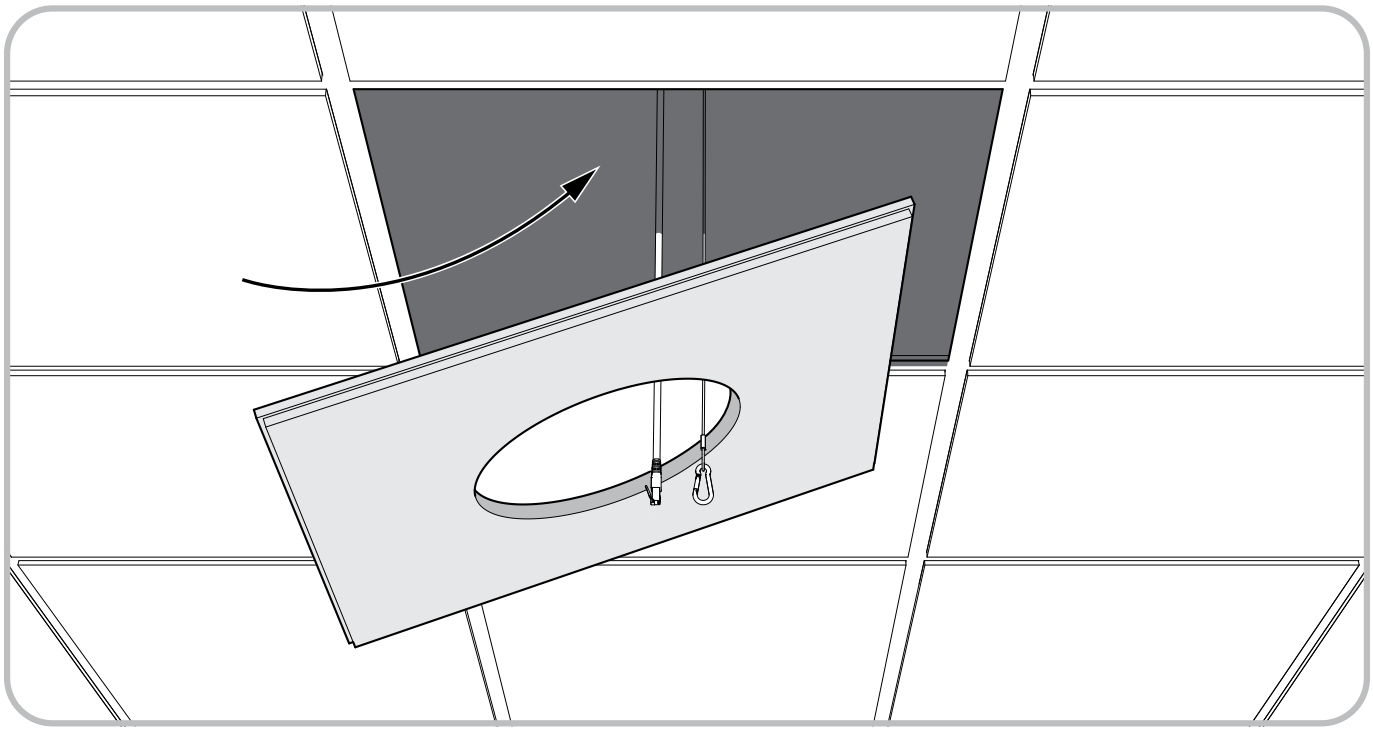


⚠ Assurez-vous que les rails sont alignés uniformément.

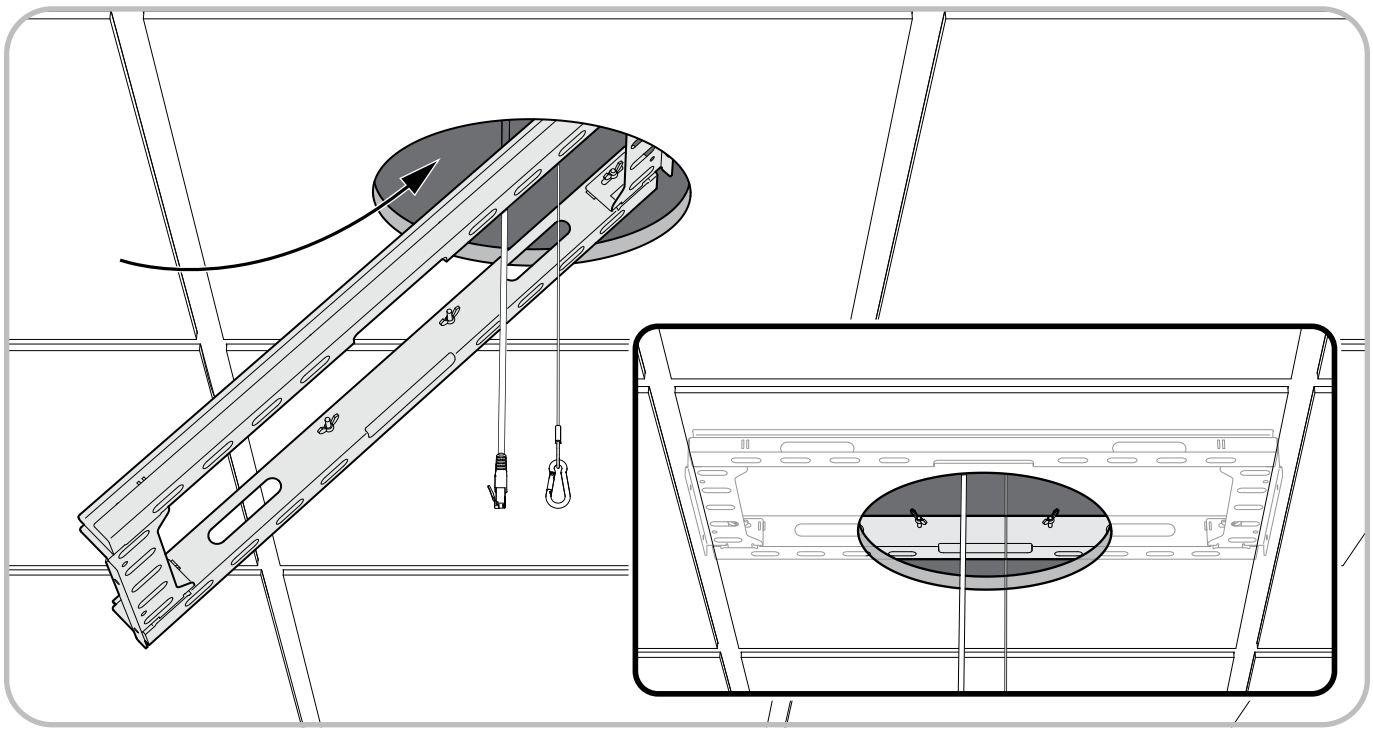


A

5 Remettez la dalle en place.



6 Fixez fermement le cadre sur les barres en T.

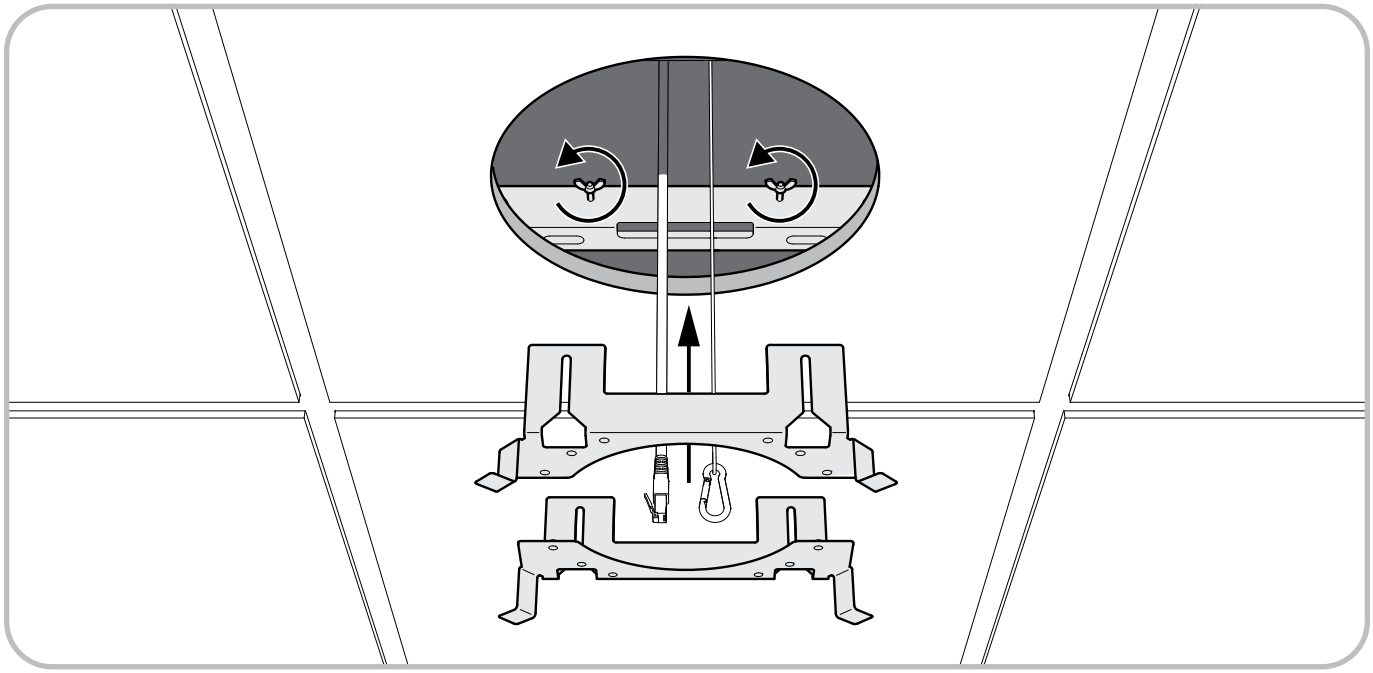


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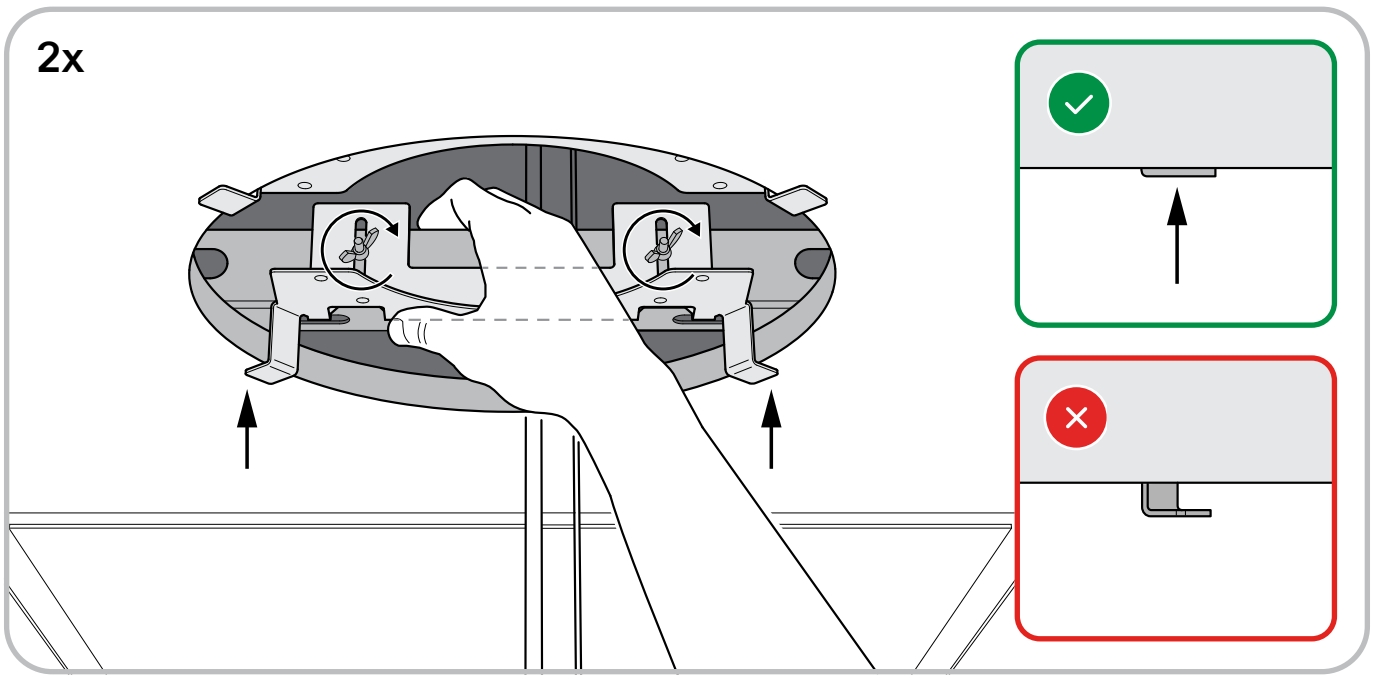
A

7 Fixer les supports.

Desserrez les écrous à ailettes du cadre et placez un support de chaque côté du cadre.



Réglez la hauteur du support de manière à ce que les crochets affleurent l'extérieur de la dalle de plafond. Serrez fermement les écrous à ailettes du cadre.

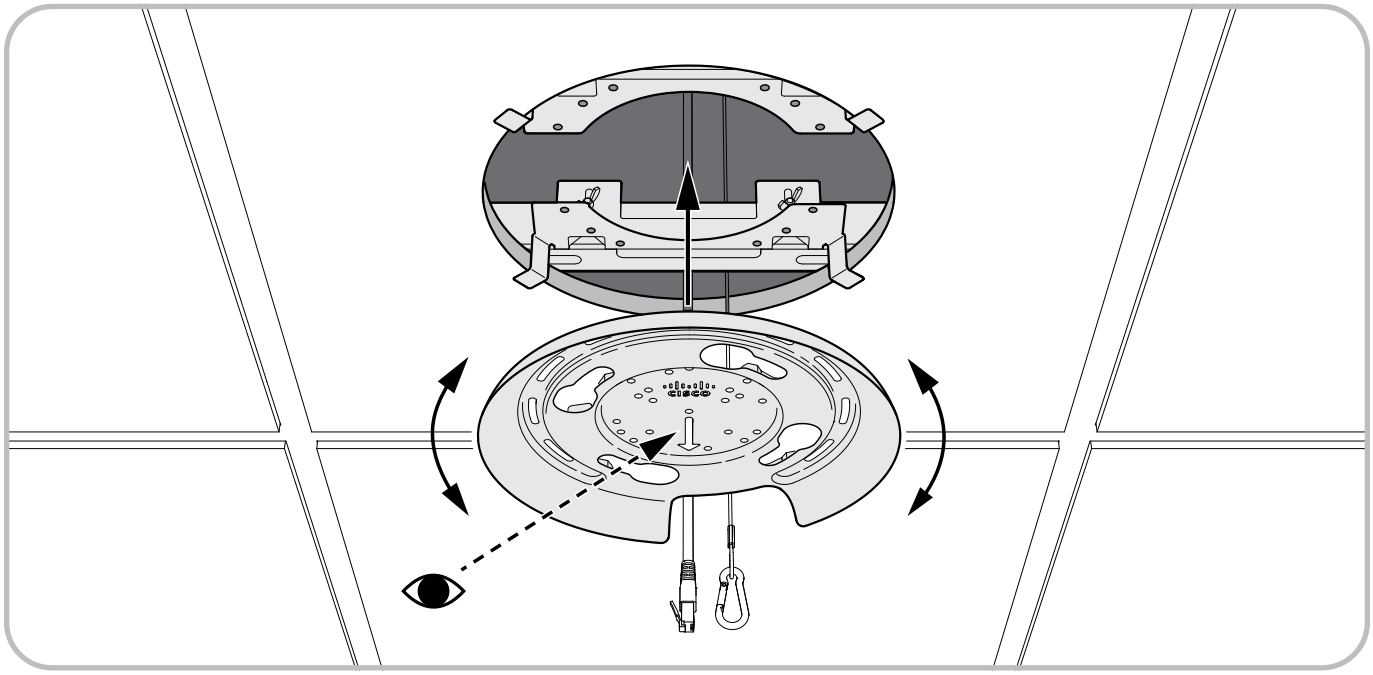


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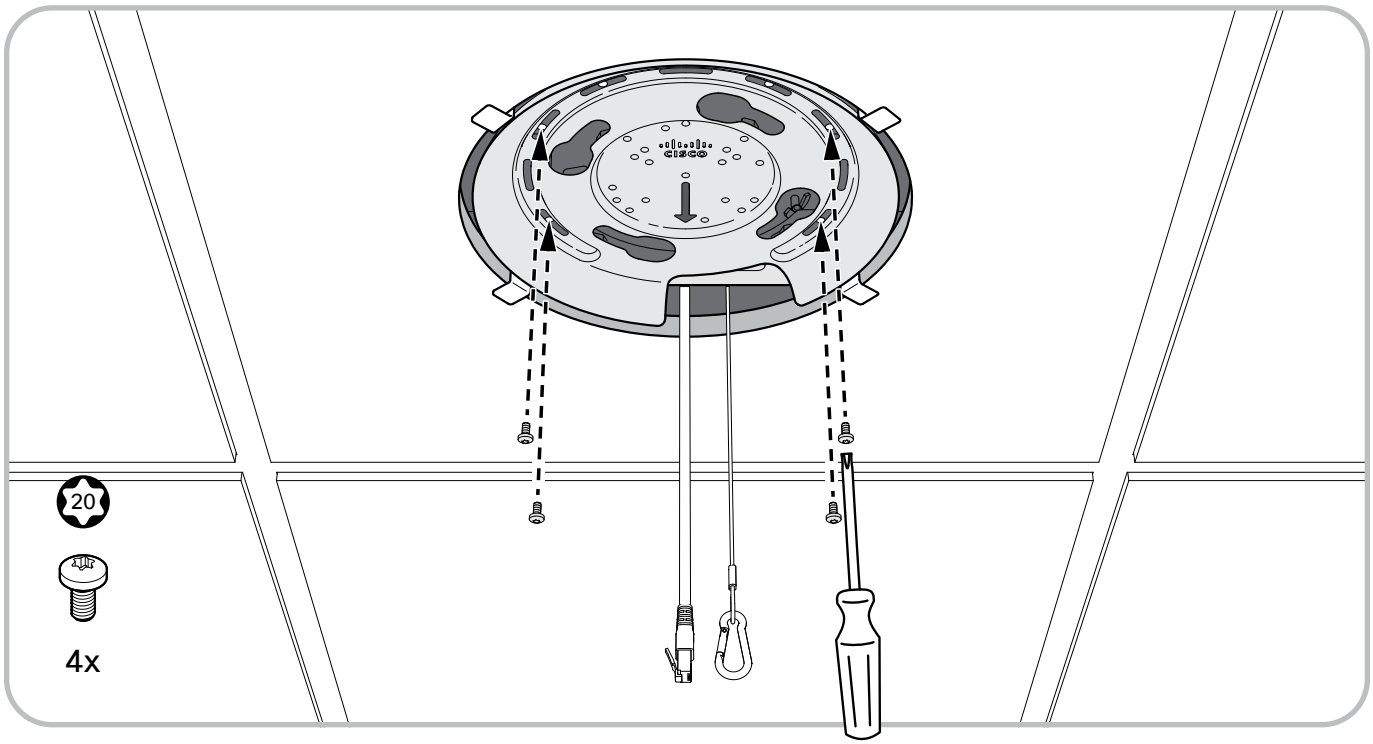
A

8 Montez la coupole.

Positionnez la coupole de sorte que la flèche pointe vers l'écran principal. Assurez-vous que les câbles passent bien dans le conduit de câbles.



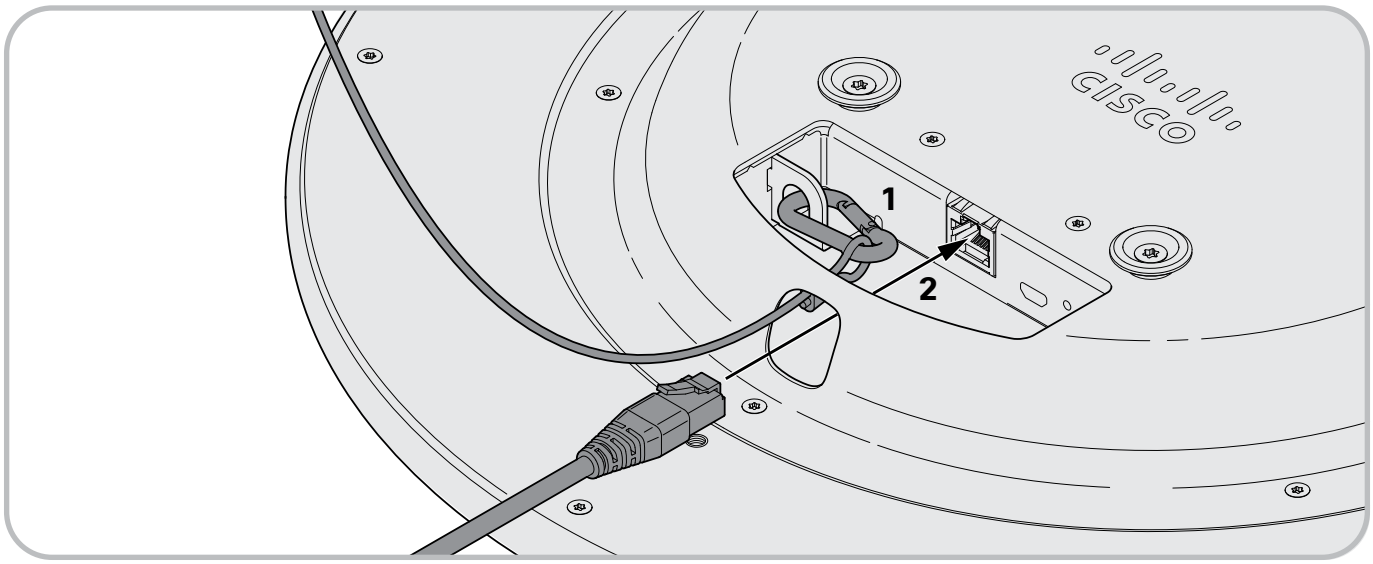
Fixez la coupole à quatre des trous du cadre. Si les quatre orifices ne correspondent pas, reprenez l'étape 4.



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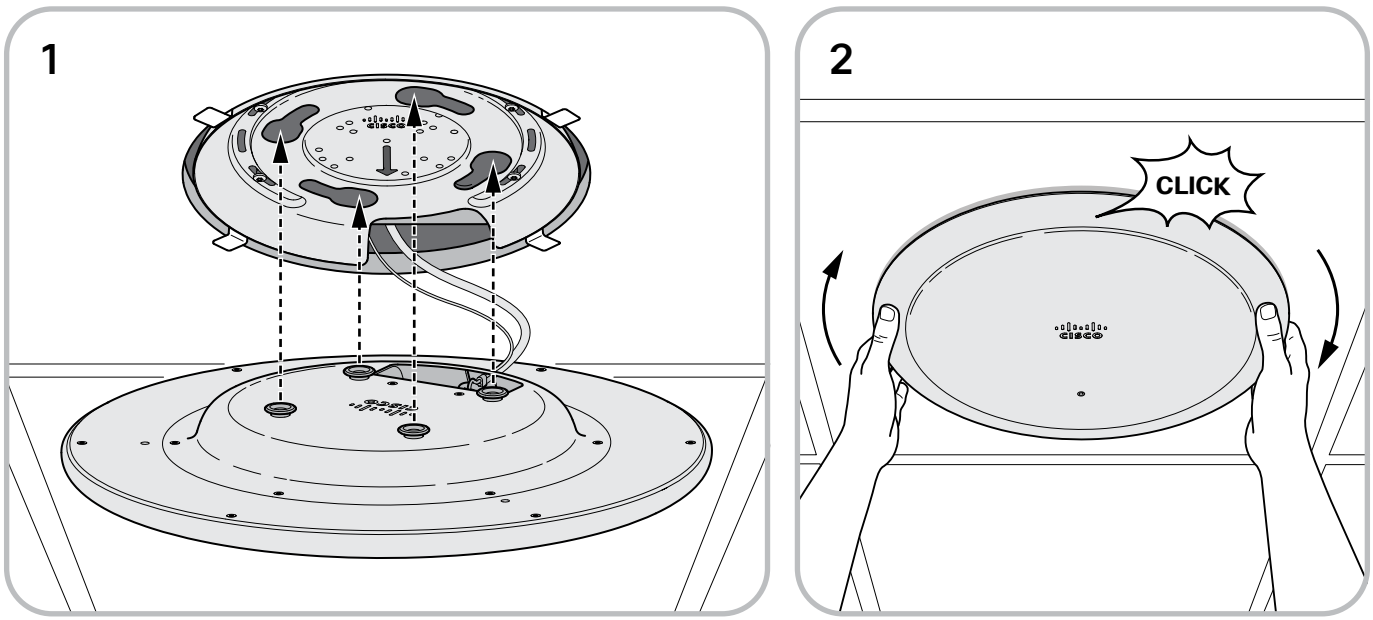
A

9 Connectez le câble de sécurité et le câble Ethernet.



10 Fixez le microphone.

Placez le microphone contre la coupole de manière à ce que les disques de l'interface entrent dans les orifices. Tournez le microphone dans le sens des aiguilles d'une montre jusqu'à ce qu'il s'enclenche. Veillez à ne pas déplacer la dalle de plafond.



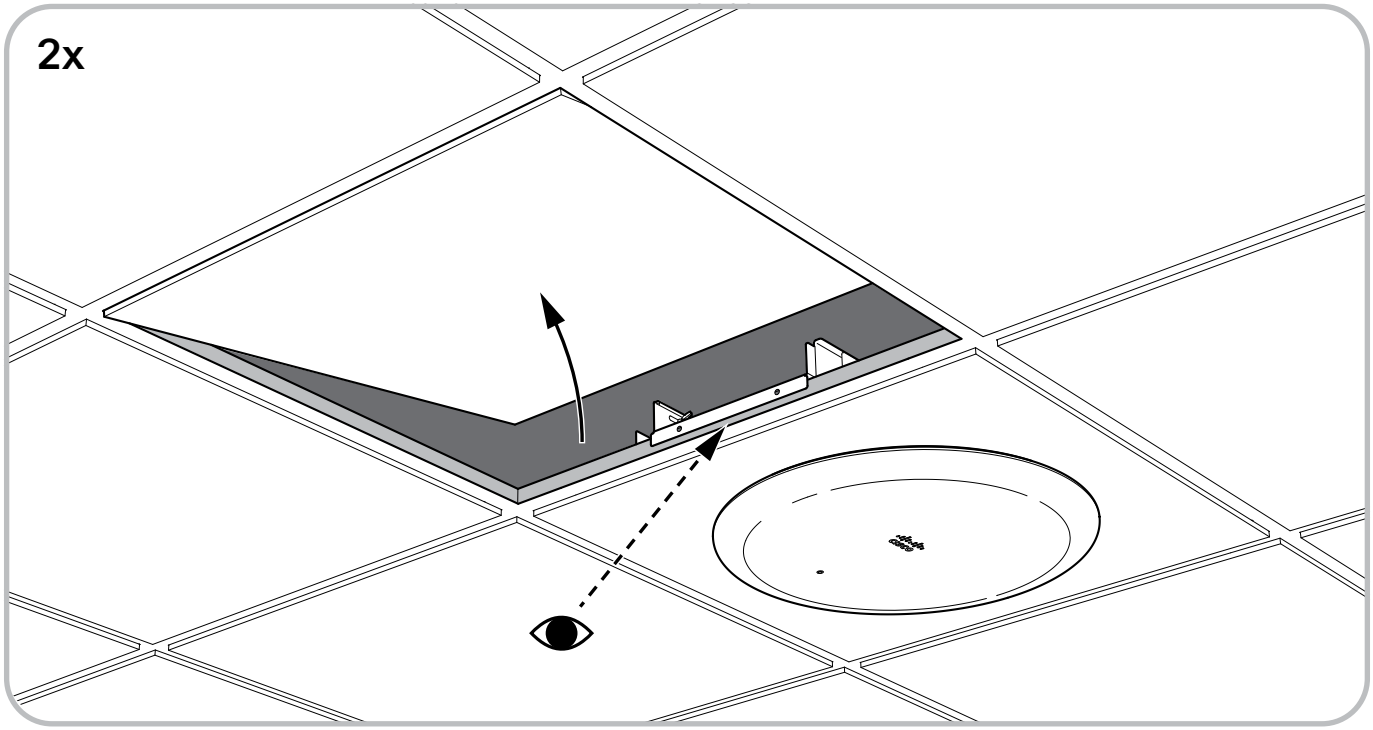
Si vous décidez de retirer le microphone, tournez-le dans le sens inverse des aiguilles d'une montre jusqu'à ce qu'il se détache de la coupelle.

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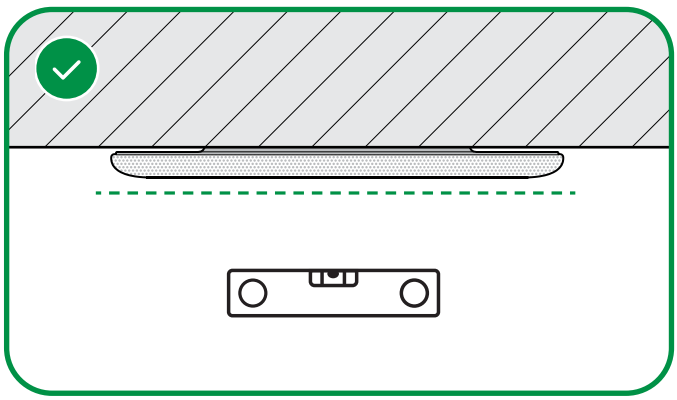
A

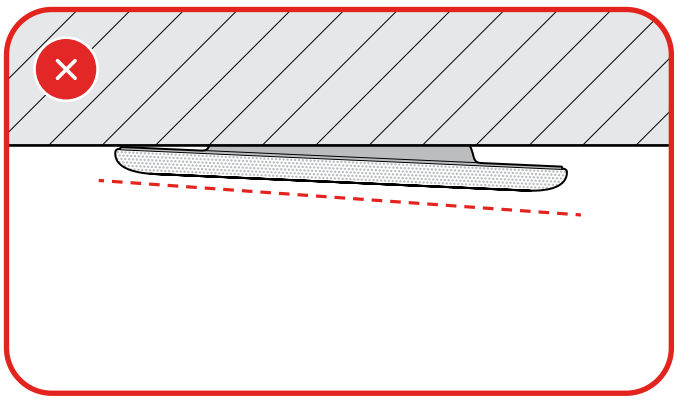
11 Veillez à un positionnement correct.

Soulevez la plaque adjacente pour vérifier que le cadre est correctement en place.



Assurez-vous que le microphone est au même niveau que la dalle de plafond.



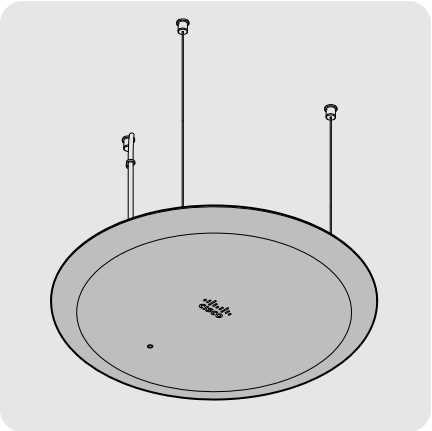


12 Poursuivez la configuration.

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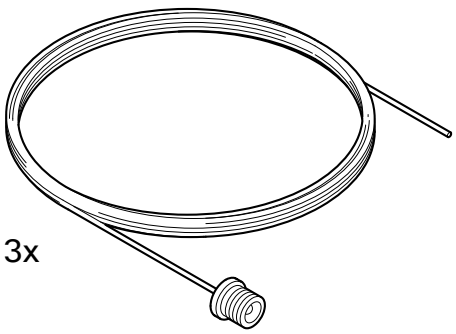
B Suspension par câble

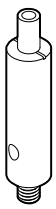


Avant de commencer:

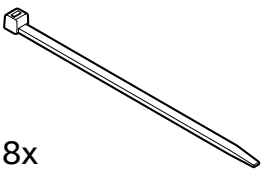
- Consultez les consignes relatives à la préparation de la salle.
- Le microphone pèse 2.7 kg/5 lbs. Assurez-vous que le plafond peut soutenir le produit en toute sécurité.
- Fournissez les vis et les fixations appropriées.
- Pensez à placer le câble Ethernet.
- Assurez-vous de disposer du kit de montage indiqué ici:

Kit de montage pour suspension par câble
CS-MIC-CLGP-WHK









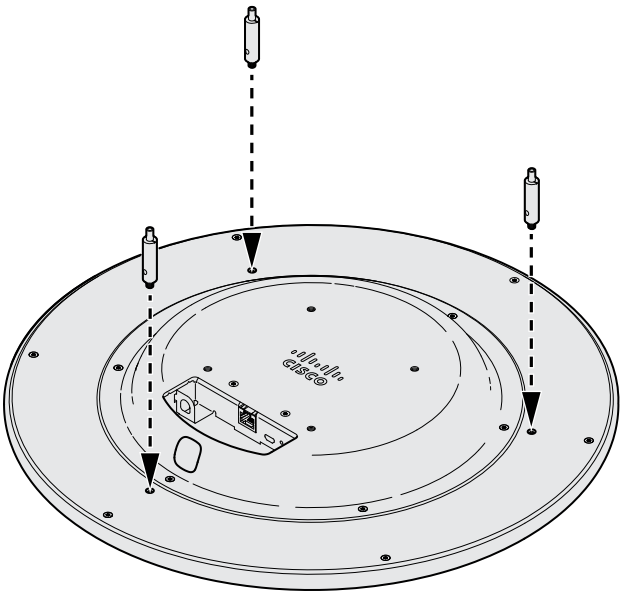
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B

1 Fixez les trois pinces pour câble au microphone.

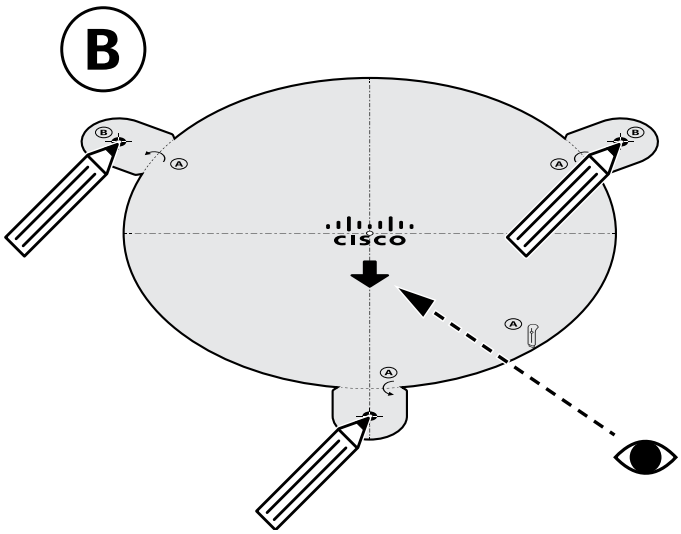


3x



2 Marquez l’emplacement de fixation des trois câbles.

Posez le patron de perçage au plafond avec la flèche pointant vers l’écran principal.

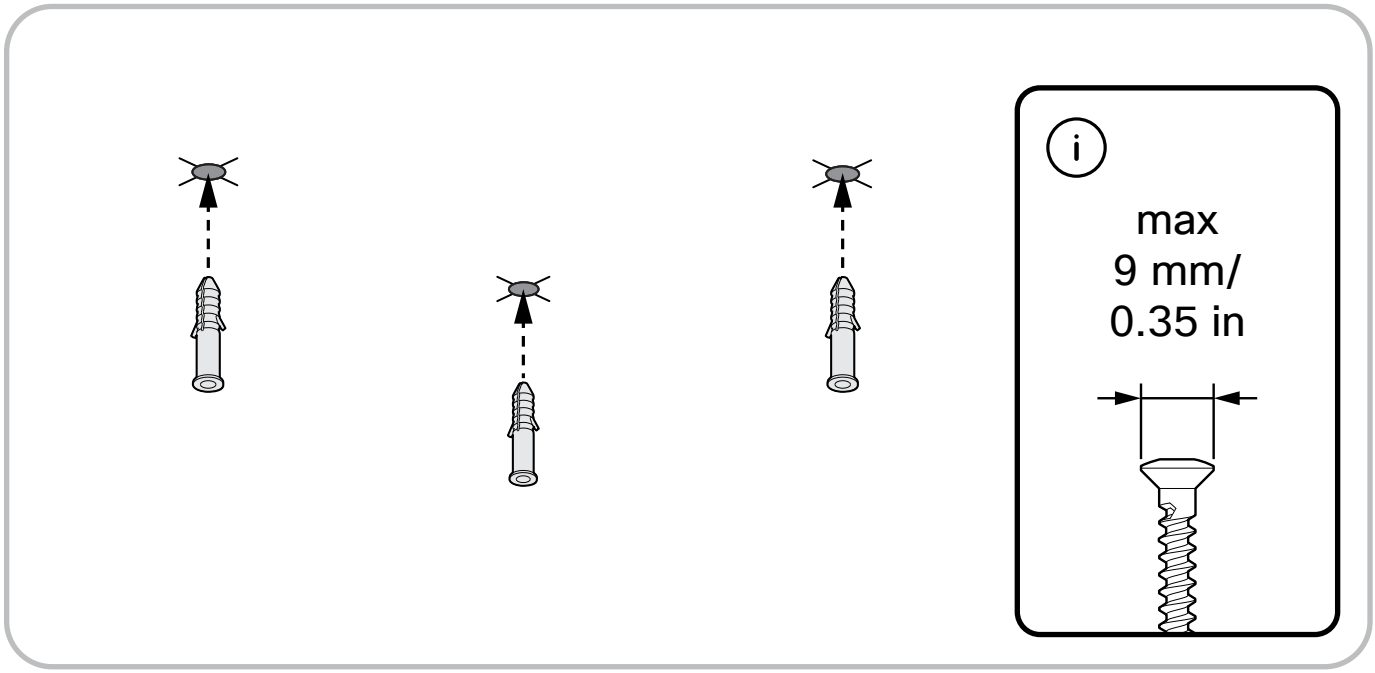


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B

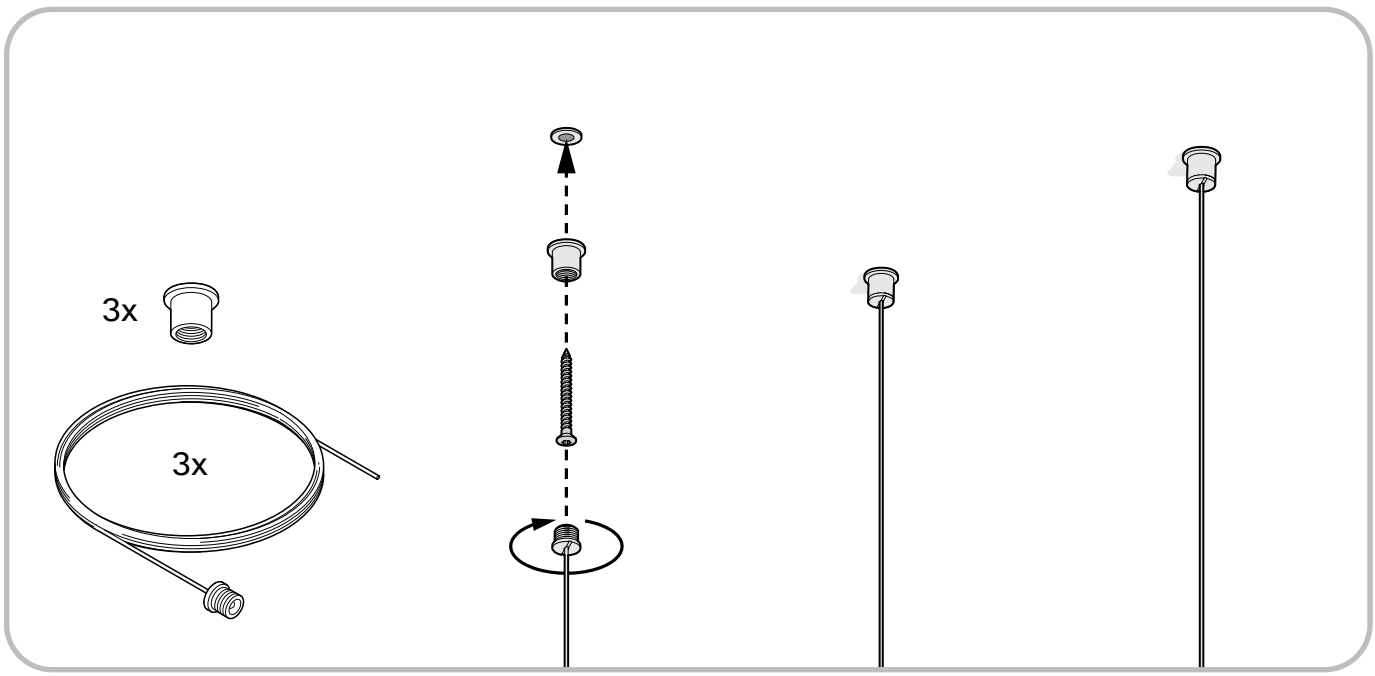
3 Percez les trous.

Selon le type de plafond, vous devrez peut-être utiliser des chevilles.



4 Fixez les câbles au plafond.

Vissez les supports de plafond au plafond. Déroulez et fixez les câbles aux supports de plafond.

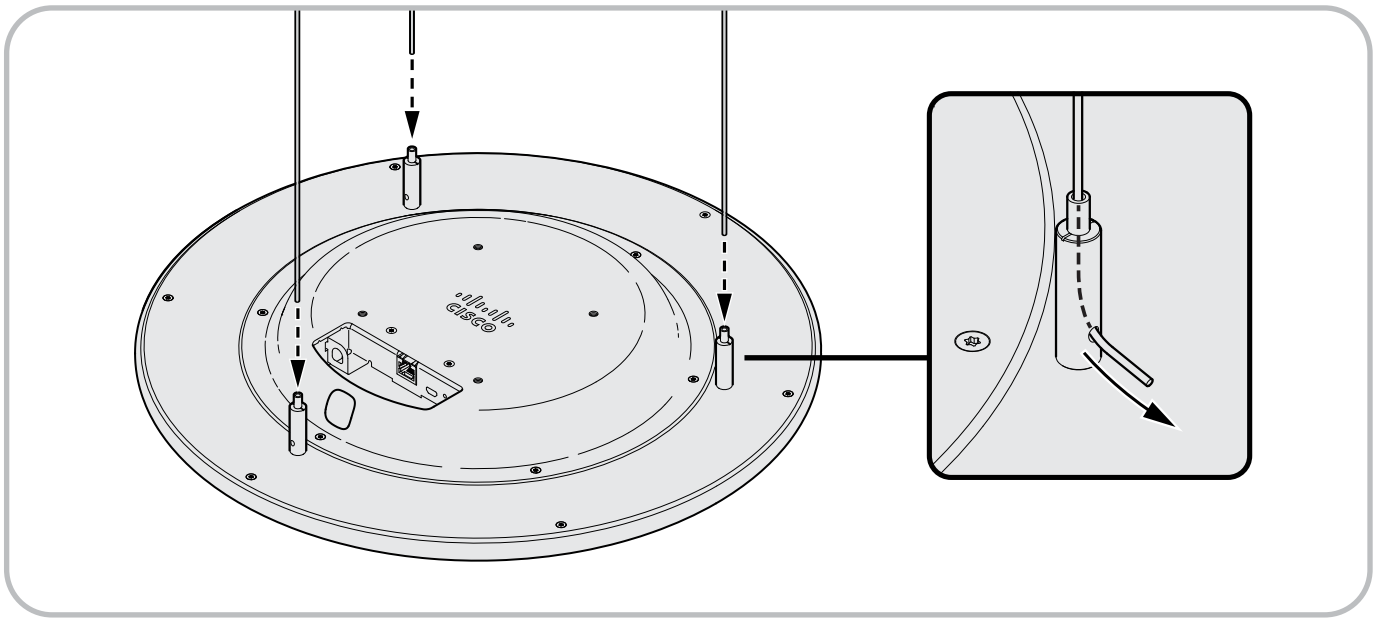


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B

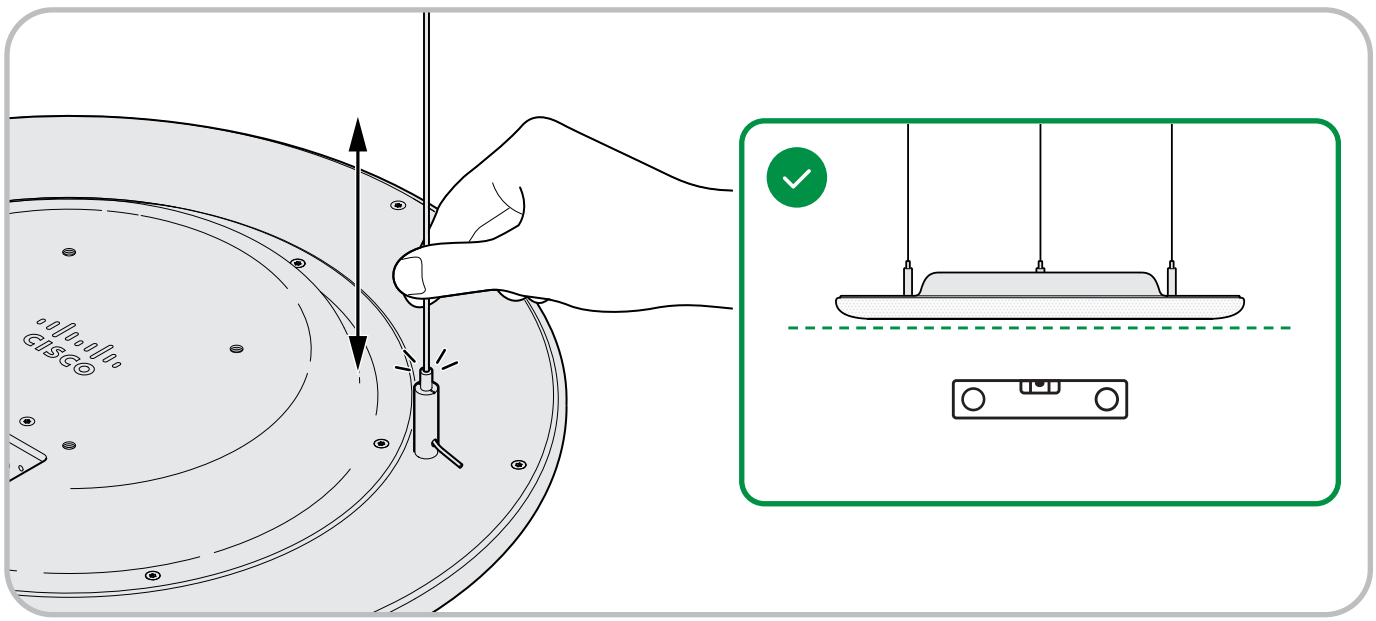
5 Connectez les câbles au microphone.

Placez le microphone sur une surface plane et orientez le port Ethernet vers l'écran principal. Poussez les câbles dans les pinces pour câbles.



6 Réglez la hauteur du microphone à une distance de 2 à 3.5 m/7-12 ft du sol.

Pincez la partie supérieure de la pince pour câbles et faites glisser le câble vers le haut ou vers le bas.

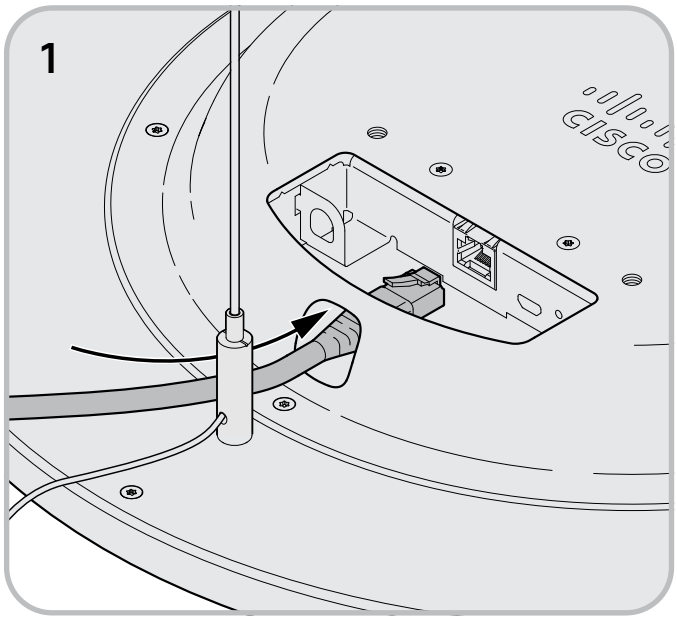


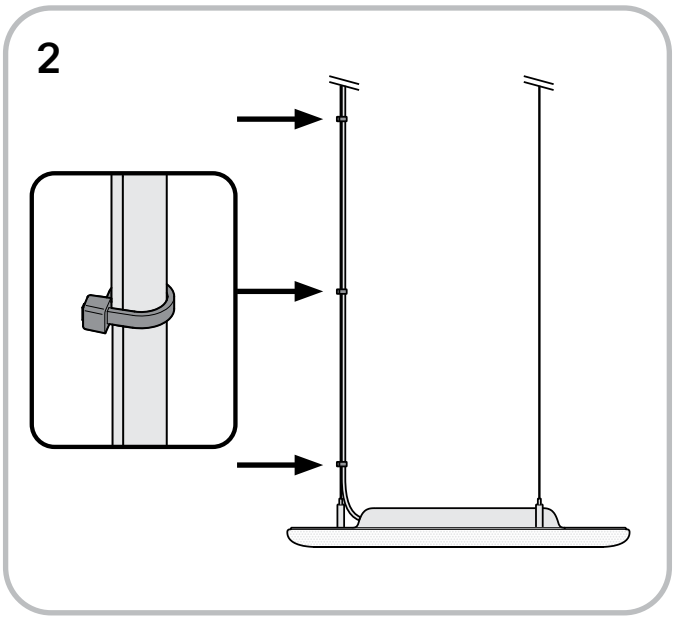
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B

7 Connectez le câble Ethernet au microphone.

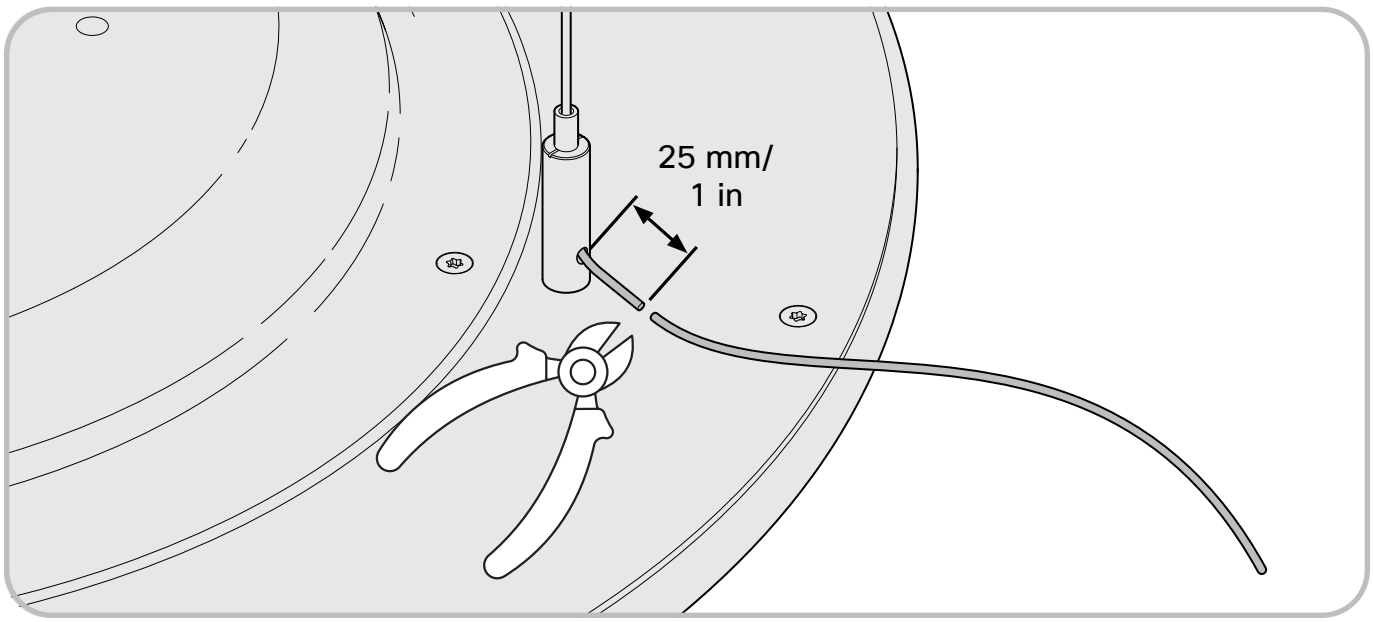
Utilisez des serre-câbles pour fixer le câble à la suspension la plus proche.





8 Coupez les câbles.

Lorsque vous êtes satisfait de la hauteur du microphone, coupez les extrémités des câbles à 25 mm/1 in des pinces pour câbles.

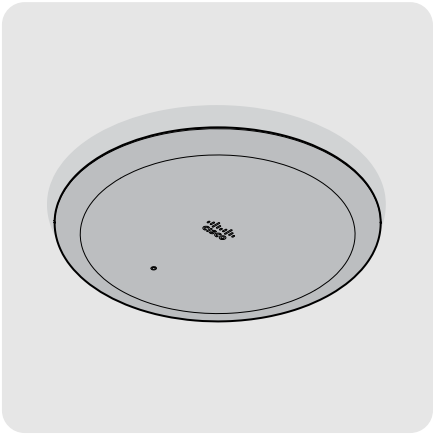


9 Poursuivez la configuration.

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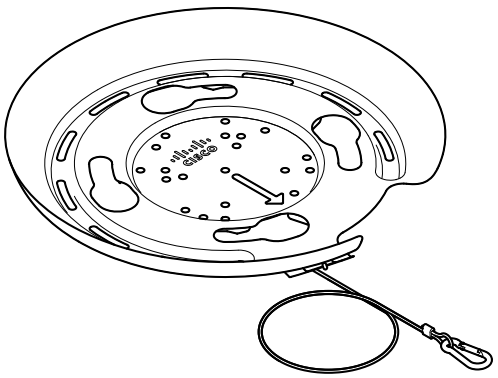
C Plafond rigide

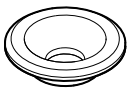


Avant de commencer:

- Consultez les consignes relatives à la préparation de la salle.
- Le microphone, sa coupole et ses disques d'interface pèsent 2.8 kg/6 lbs. Assurez-vous que le plafond peut soutenir le produit en toute sécurité.
- Fournissez les vis et les fixations appropriées.
- Pensez à placer le câble Ethernet.
- Assurez-vous de disposer du kit de montage indiqué ici:

Kit de montage pour plafond rigide
CS-MIC-CLGP-CBK





4x

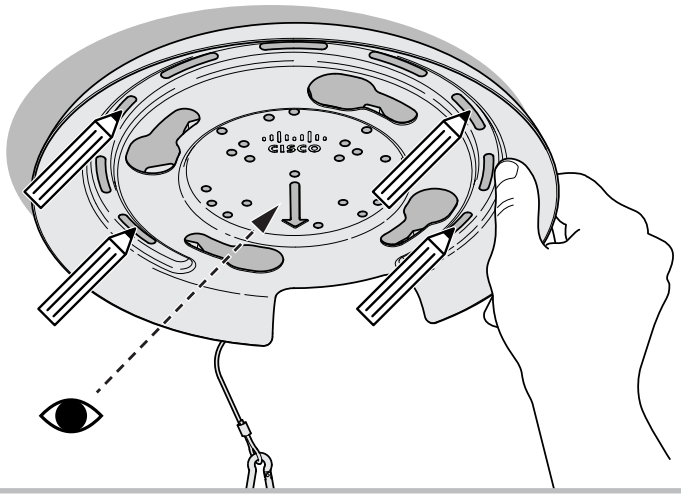


4x

C

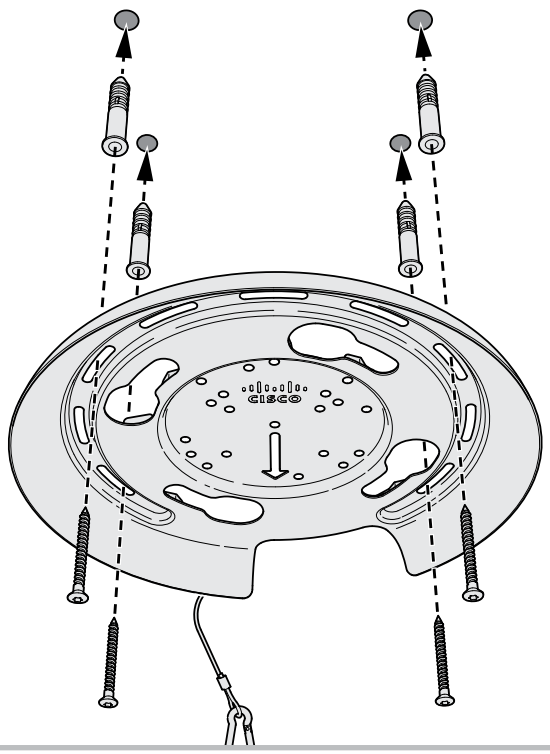
1 Marquez l’emplacement des vis.

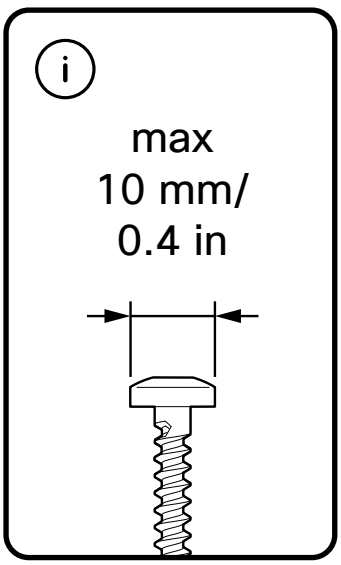
Maintenez la coupelle contre le plafond avec la flèche pointant vers l’écran principal.



2 Percez les trous et montez la coupole.

Selon le type de plafond, vous devrez peut-être utiliser des chevilles.

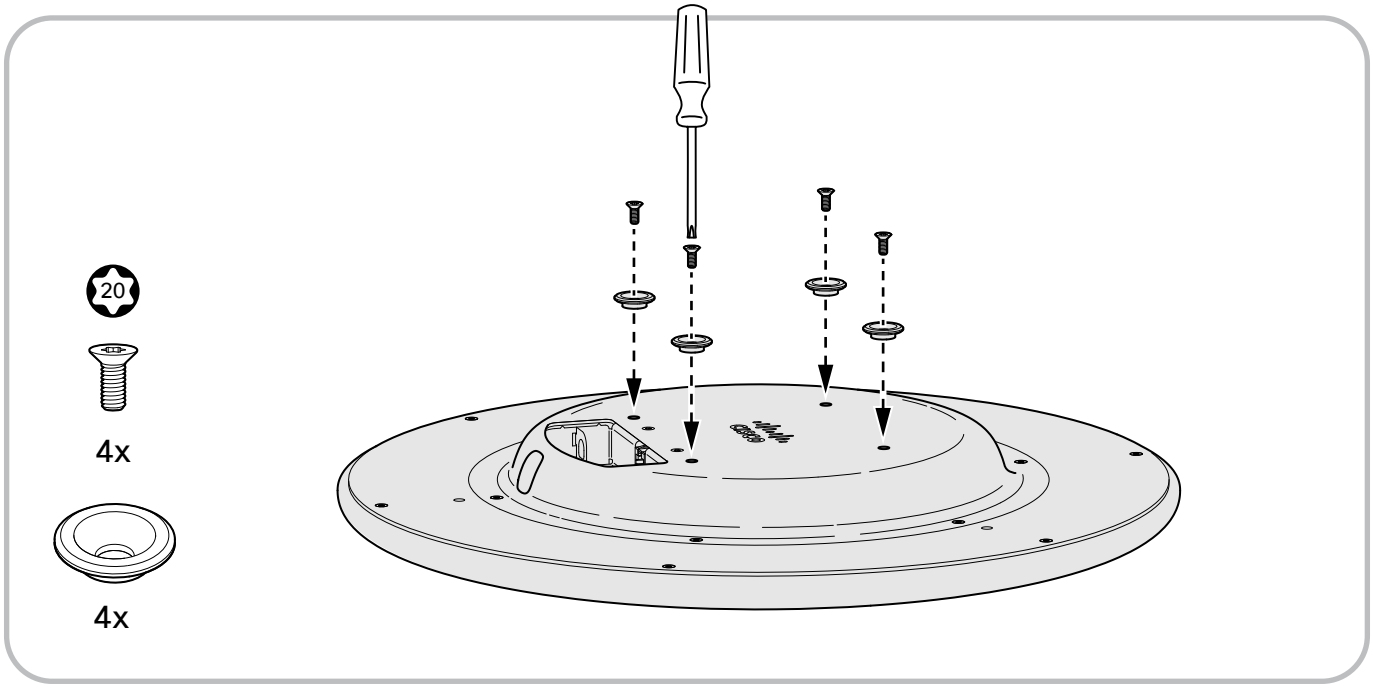




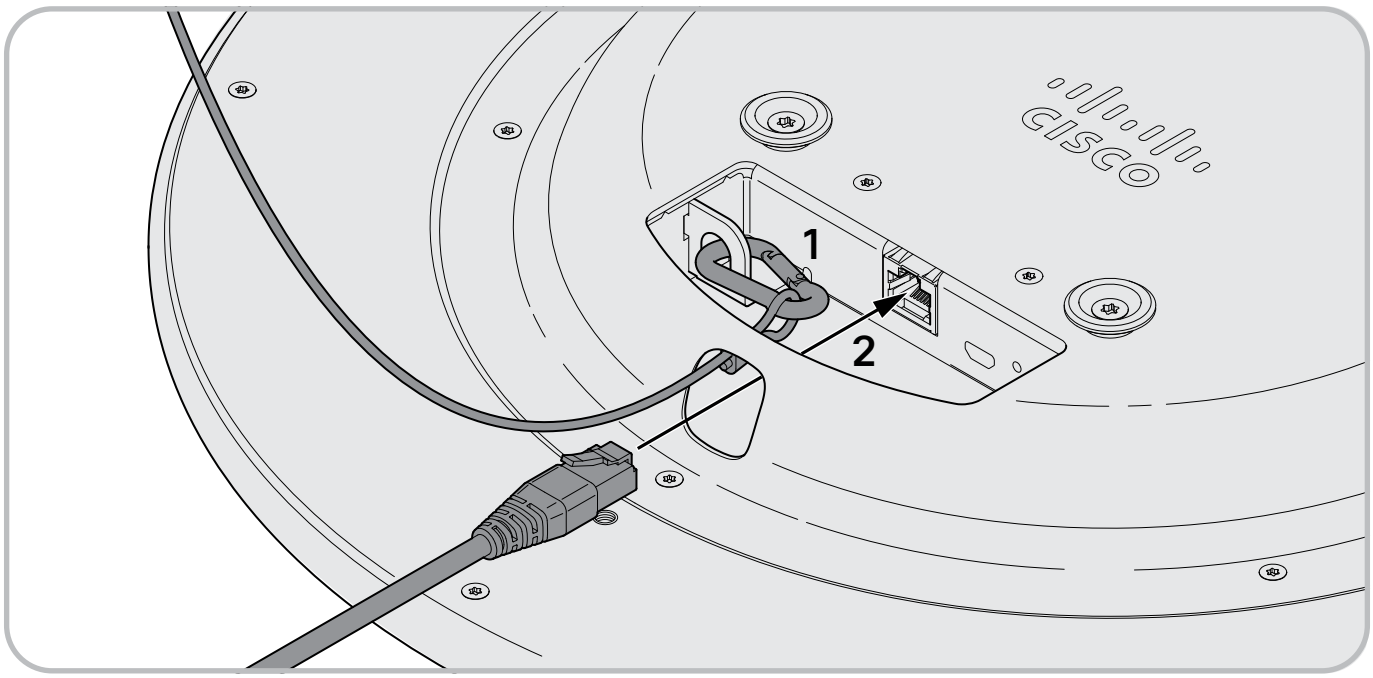
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C

3 Fixez les quatre disques d’interface au microphone.



4 Connectez le câble de sécurité et le câble Ethernet.



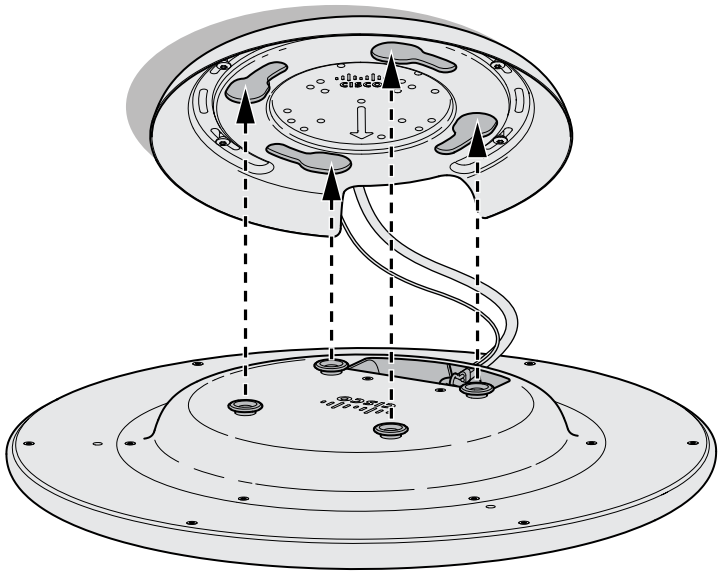
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C

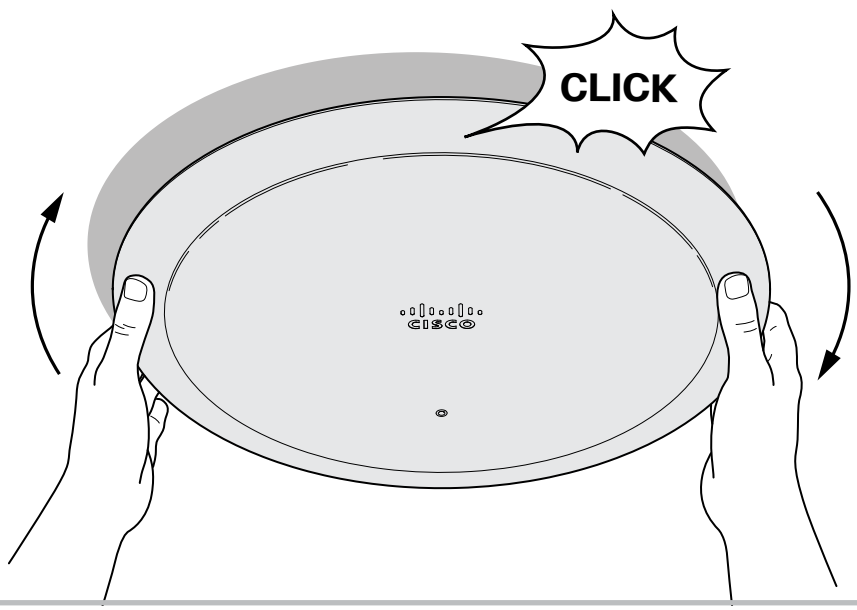
5 Fixez le microphone.

Placez le microphone contre la coupole de manière à ce que les disques d'interface entrent dans les orifices. Tournez le microphone dans le sens des aiguilles d'une montre jusqu'à ce qu'il s'enclenche.

1



2



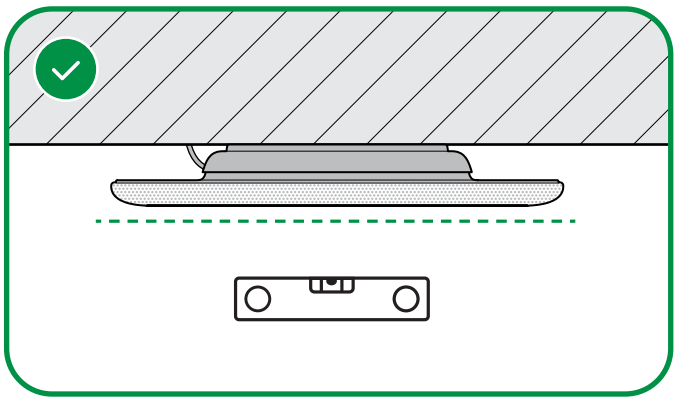
Si vous décidez de retirer le microphone, tournez-le dans le sens inverse des aiguilles d'une montre jusqu'à ce qu'il se détache de la coupelle.

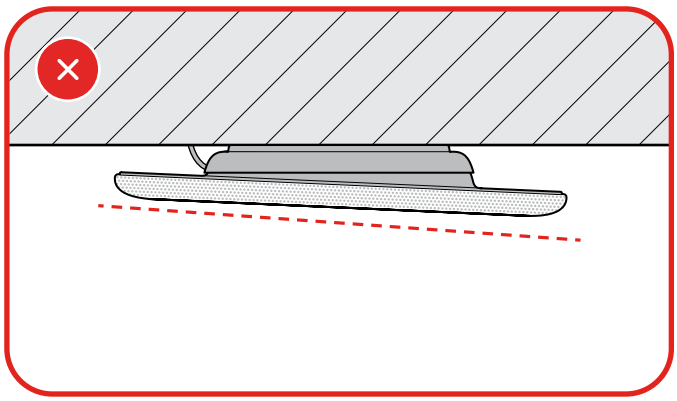
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C

6 Veillez à un positionnement correct.

Assurez-vous que le microphone est parfaitement aligné avec le plafond.





7 Poursuivez la configuration.

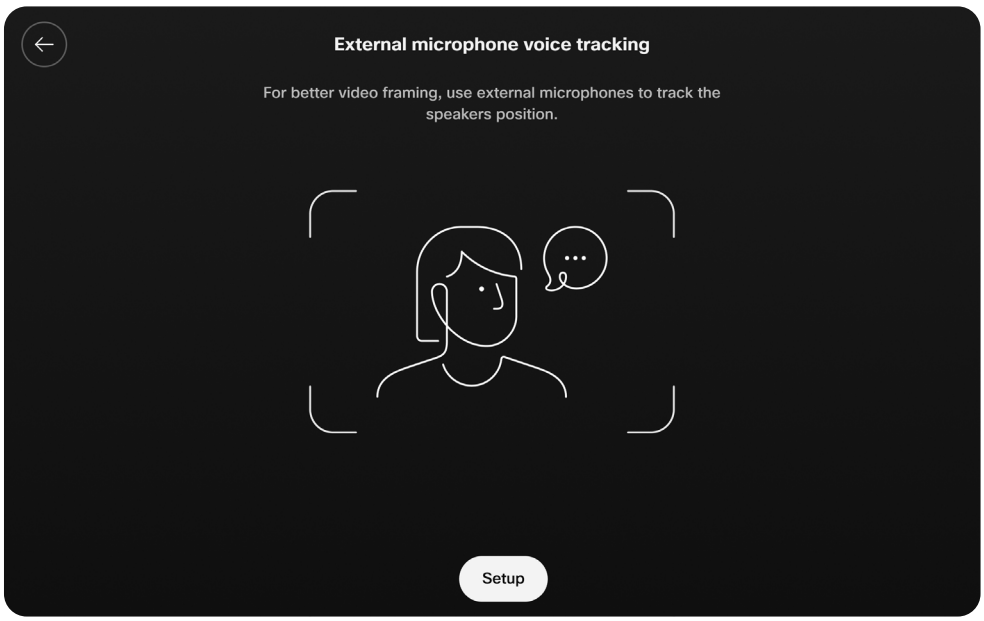
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Exécuter la configuration

Branchez le microphone au commutateur PoE ou au port du système vidéo. Lorsque l'appareil est sous tension, exécutez la configuration 'Suivi de la voix du microphone externe' dans le menu Paramètres du périphérique sur le contrôleur tactile.

1. Sur l'écran d'accueil du contrôleur tactile, ouvrez le panneau de configuration.
2. Appuyez sur Paramètres du périphérique Faites défiler l'écran jusqu'à l'option Micro, puis appuyez dessus.
3. Sélectionnez 'Suivi de la voix du microphone externe', puis appuyez sur 'Configuration'.



Lorsque vous allumez le microphone, le voyant LED orienté vers l' utilisateur à l'avant s'allume en blanc fixe. Pendant la configuration, le voyant LED clignote en blanc lors de la connexion ou de l'exécution des mises à jour. Lorsque ces opérations sont terminées, le voyant s'éteint.

Nettoyage du microphone

⚠ Nettoyez uniquement avec un chiffon sec et évitez de passer sur le logo Cisco.



En savoir plus

Vous pouvez télécharger le guide d’installation ici:

Recherchez
Cisco Ceiling Microphone Pro

https://www.cisco.com/go/ceiling-microphone-pro-installation

Rendez-vous sur ces sites web pour en savoir plus sur votre appareil:

help.webex.com

cs.co/webexadoption

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Preparación de la sala 63

Elija su opción de montaje 66

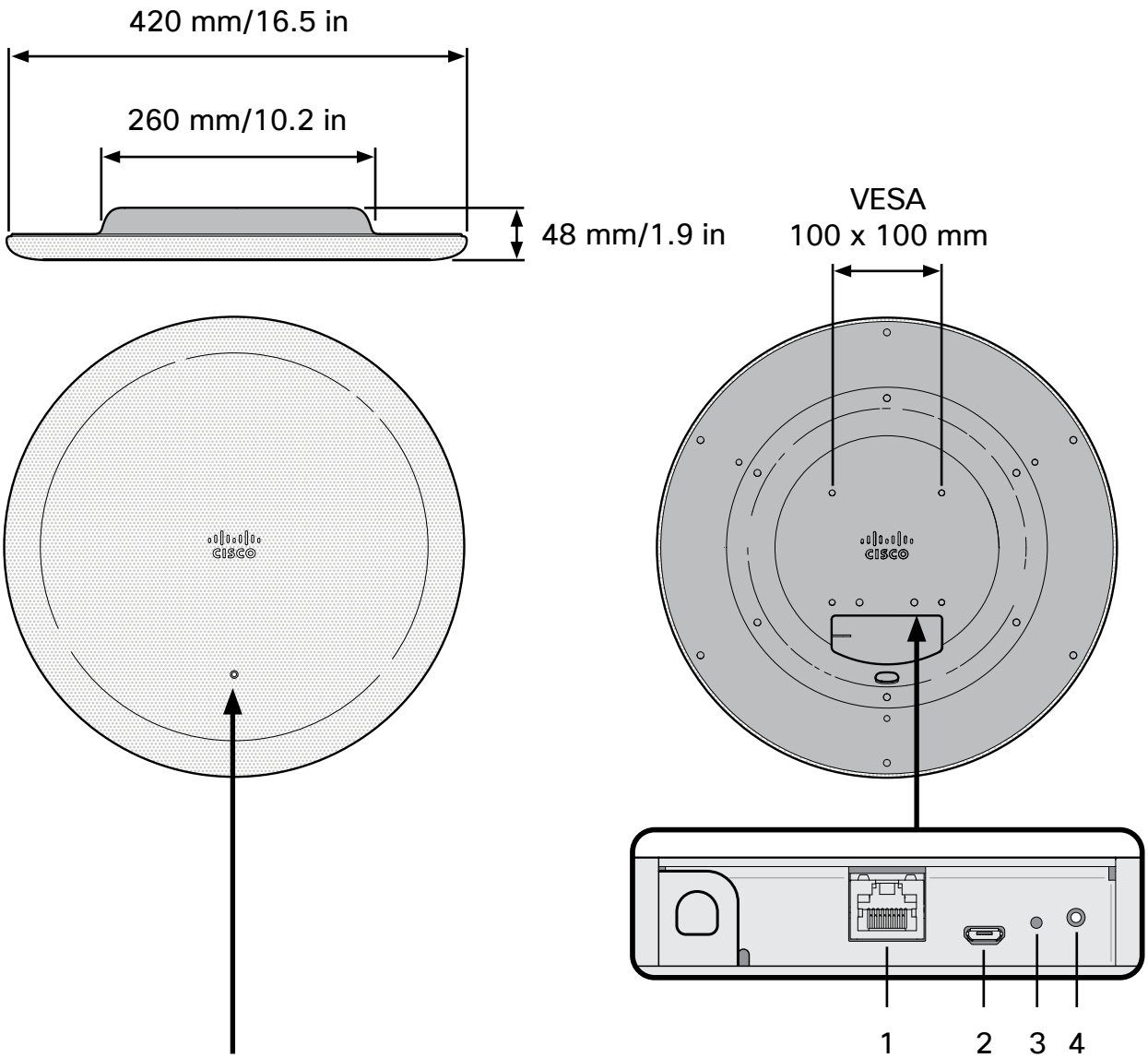
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Dimensiones y características



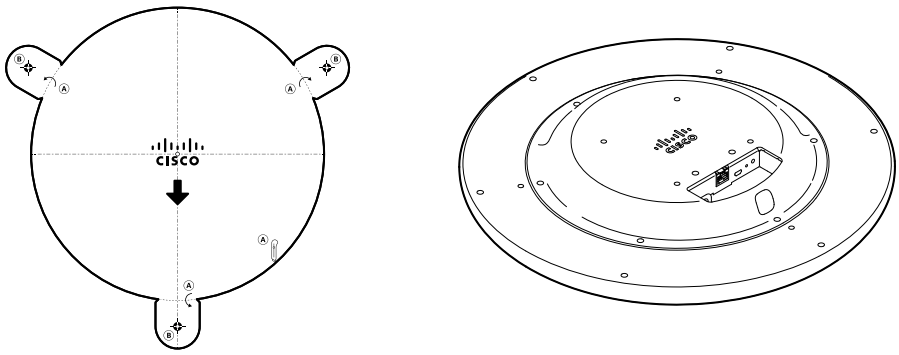
LED de estado del micrófono

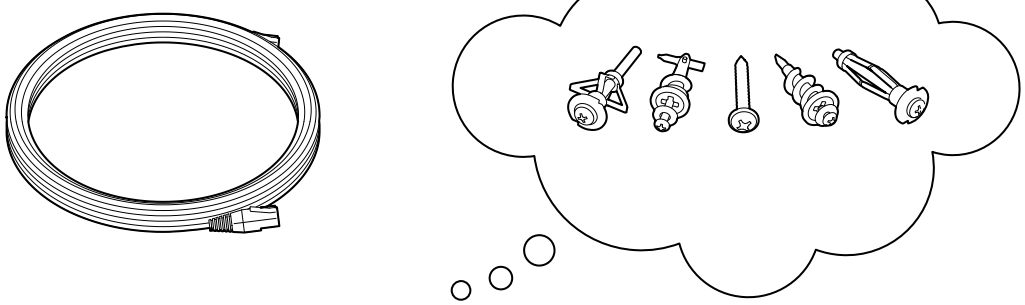
- Verde: en llamada, ON
- Rojo: en llamada, MUTE
- Blanco: modo de configuración

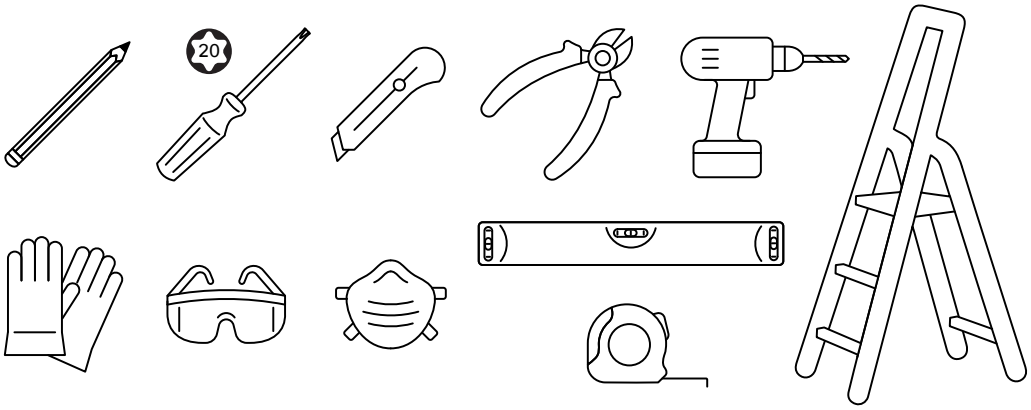
Panel conector

1. Ethernet (PoE)
2. Mantenimiento
3. Restablecer
4. Indicador de alimentación

Contenido de la caja y herramientas







Preparación de la sala

Distancias

En las figuras 1, 2 y 3 se muestra la orientación para la colocación del micrófono. Para cumplir esta orientación, utilice uno de los kits de montaje de Cisco Ceiling Microphone Pro como se indica en esta guía.

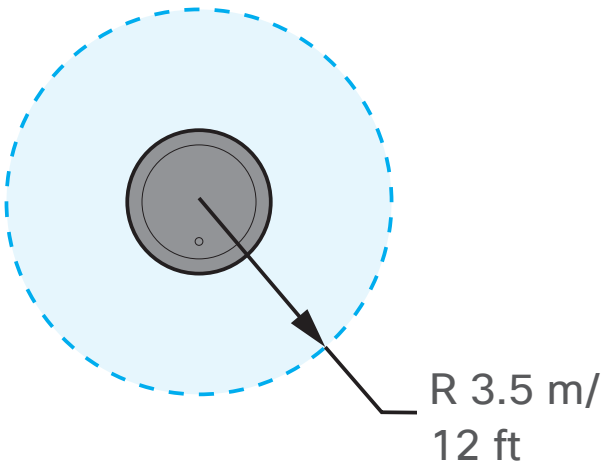


Figura 1: Alcance óptimo máximo

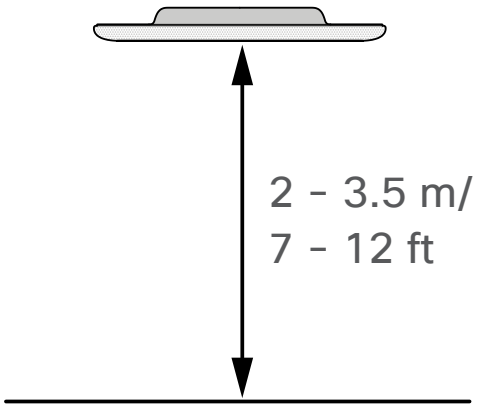


Figura 2: Distancia al suelo

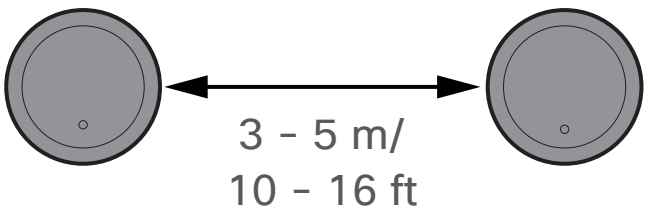


Figura 3: Distancia entre micrófonos

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Colocación en relación con los participantes

El tamaño, la distribución y la acústica de su sala determinarán el número de unidades Ceiling Microphone Pro necesarias para una cobertura óptima. Al instalar los micrófonos, asegúrese de que todos los participantes de la sala estén orientados al menos a un micrófono.

Si va a instalar un solo micrófono, le recomendamos que lo haga hacia la parte delantera de la mesa en lugar de sobre la parte central (figura 4). Esto garantizará que todos los participantes, incluidos los de la primera fila, estén frente al micrófono cuando hablen hacia el sistema de vídeo. Si esto implica que haya demasiada distancia entre el micrófono y los participantes, recomendamos instalar un segundo micrófono (figura 5).

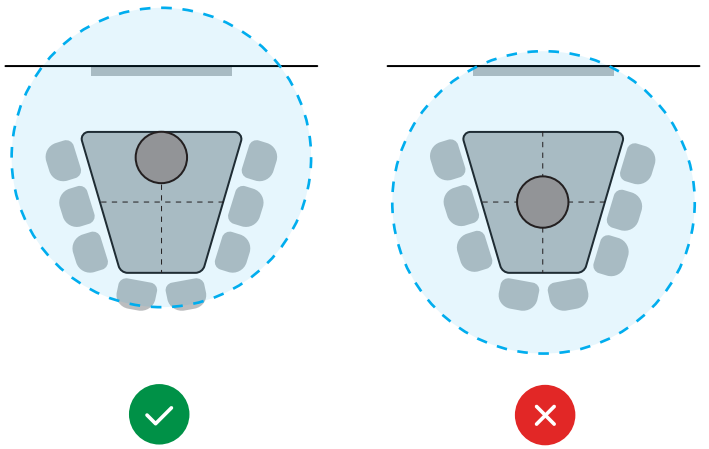


Figura 4

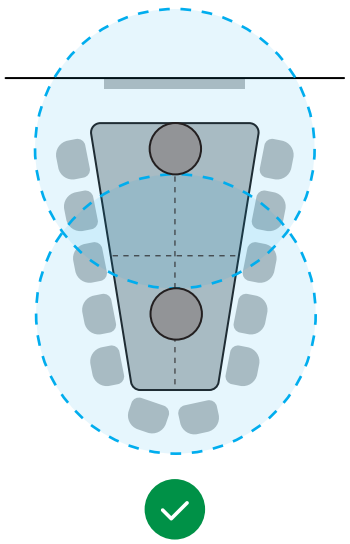


Figura 5

Una instalación óptima está dentro de estos límites. La acústica de la sala afectará al rendimiento del micrófono, así como al grado de degradación fuera de los límites. En una sala con mala acústica, se debe instalar el micrófono cerca del extremo inferior de estas recomendaciones.

En combinación con sistemas de vídeo

Si su sistema de vídeo tiene micrófonos internos para la captación de la voz, Ceiling Microphone Pro puede ampliar el rango de captación del micrófono y mejorar la captación de la voz para los participantes que se encuentran más atrás en la sala (figura 6). Monte el Ceiling Microphone Pro en el perímetro del rango de captación del micrófono del sistema de vídeo:

- Cisco Room Bar 3 m/10 ft
- Cisco Room Bar Pro, Cisco Board Pro 4 m/13 ft

Para utilizar Ceiling Microphone Pro con los micrófonos internos de Board Pro o Room Bar Pro, asegúrese de ejecutar el asistente de seguimiento de voz del micrófono externo (‘External Microphone Voice Tracking’) después de la instalación.

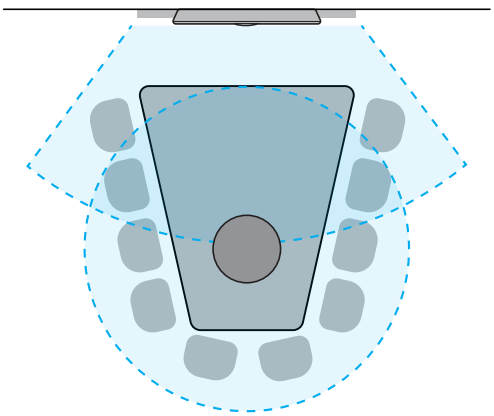


Figura 6

Otras consideraciones

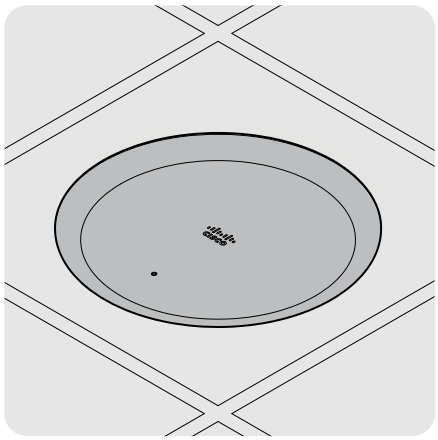
- Asegúrese de que no haya objetos colgados del techo (como lámparas, elementos del edificio, etc.) entre el micrófono y todos los posibles participantes.
- Evite colocar el micrófono cerca de fuentes de ruido, como ventilación u otras instalaciones técnicas.
- Le recomendamos que evite instalar el micrófono de techo cerca de los altavoces de la sala.

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Elija su opción de montaje

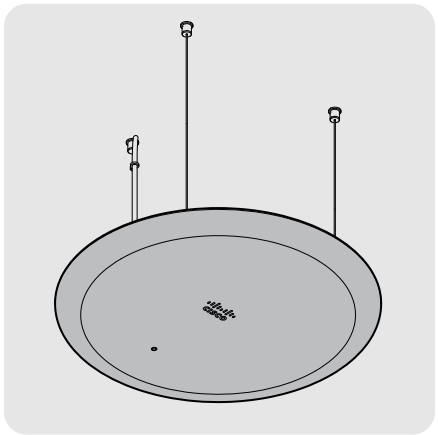
A Rejilla de falso techo

Página 67



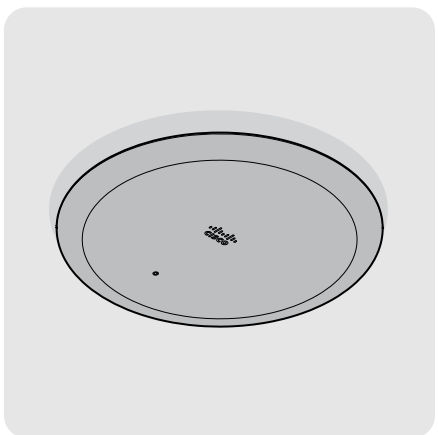
B Cable de suspensión

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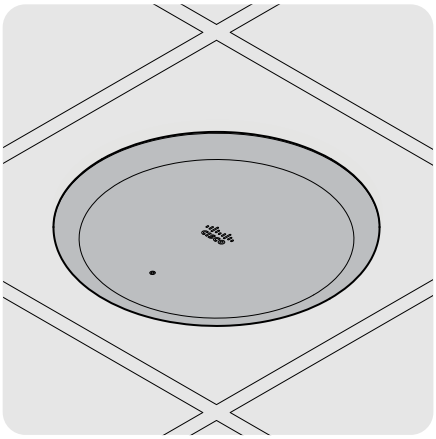
C Techo duro

Pagina 81



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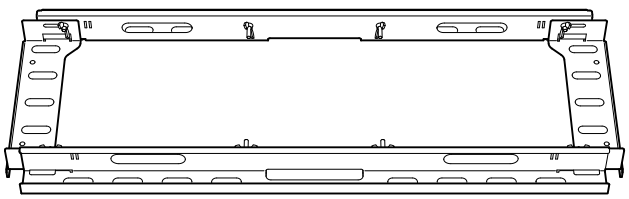
A Rejilla de falso techo

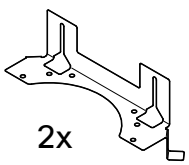


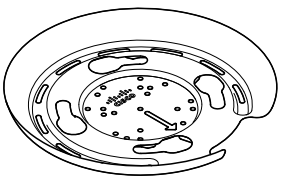
Antes de comenzar:

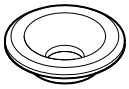
- Leer las orientaciones para la preparación de la sala.
- El micrófono con armazón de techo pesa 3.5 kg/7 lbs. Asegúrese de que el techo pueda soportar el producto de forma segura.
- Considere la colocación del cable Ethernet.
- Asegúrese de tener el kit de montaje que se muestra aquí:

Kit de montaje de rejilla para falso techo
CS-MIC-CLGP-DMK



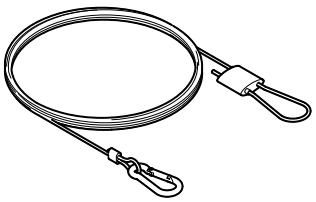










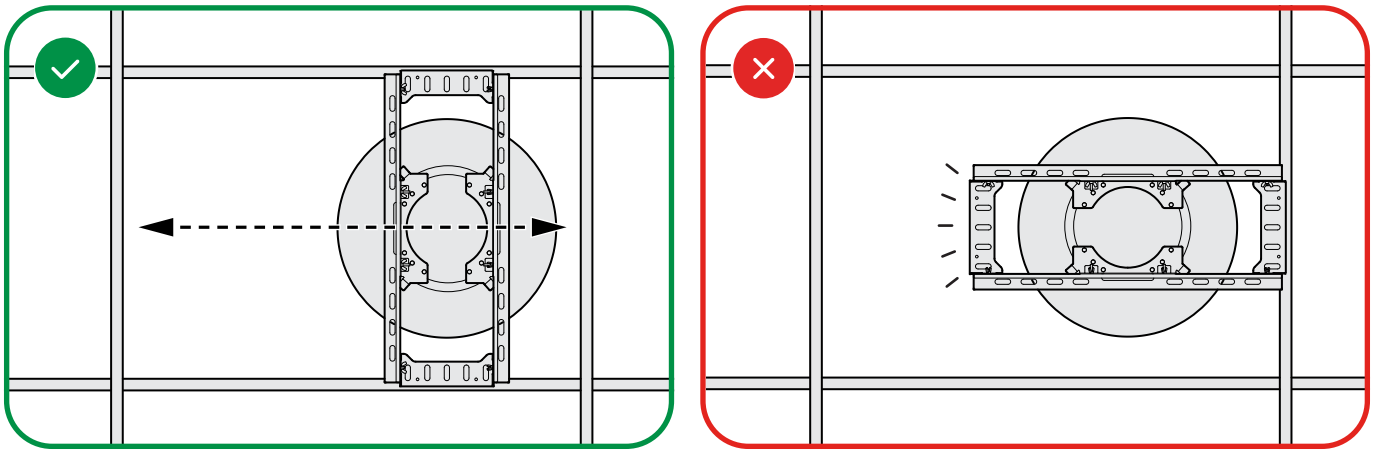


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A

Colocación descentrada

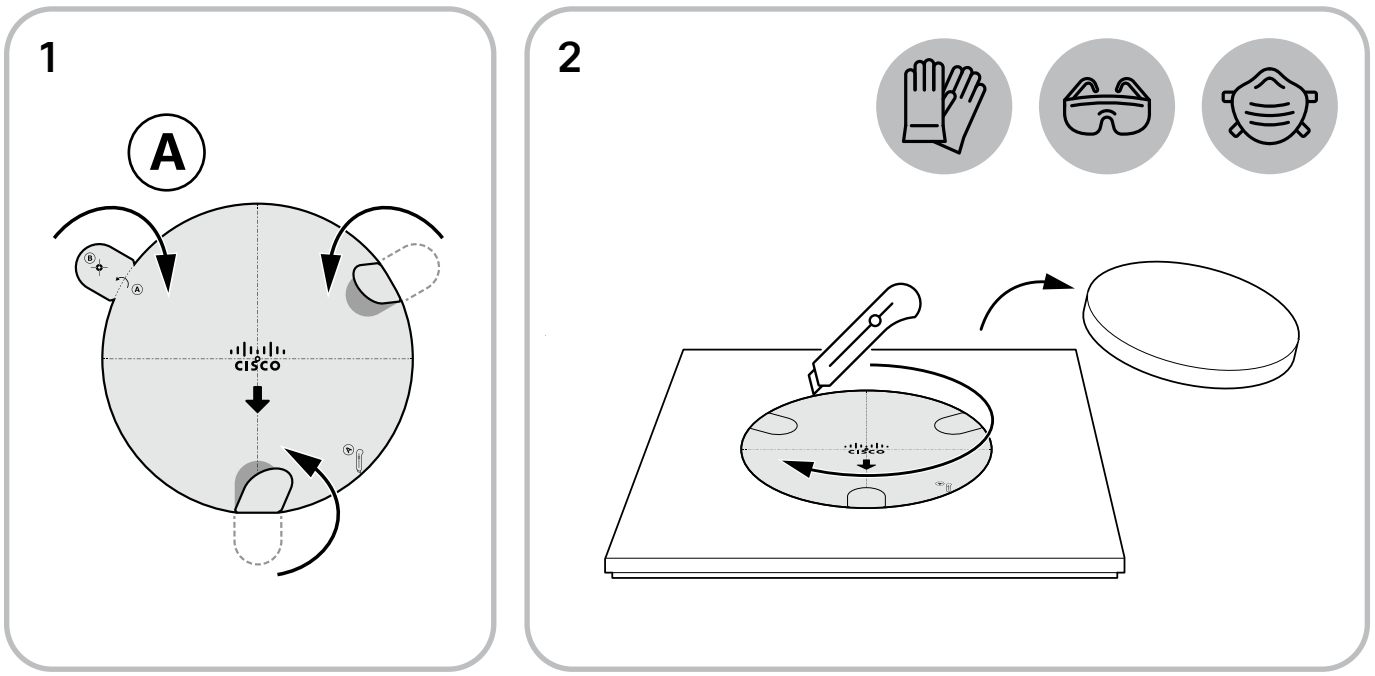
Si desea instalar el micrófono descentrado en la placa, coloque el armazón de montaje de modo que descanse sobre las barras en T del falso techo.



Dirección flexible del marco con micrófono.

1 Prepare la placa.

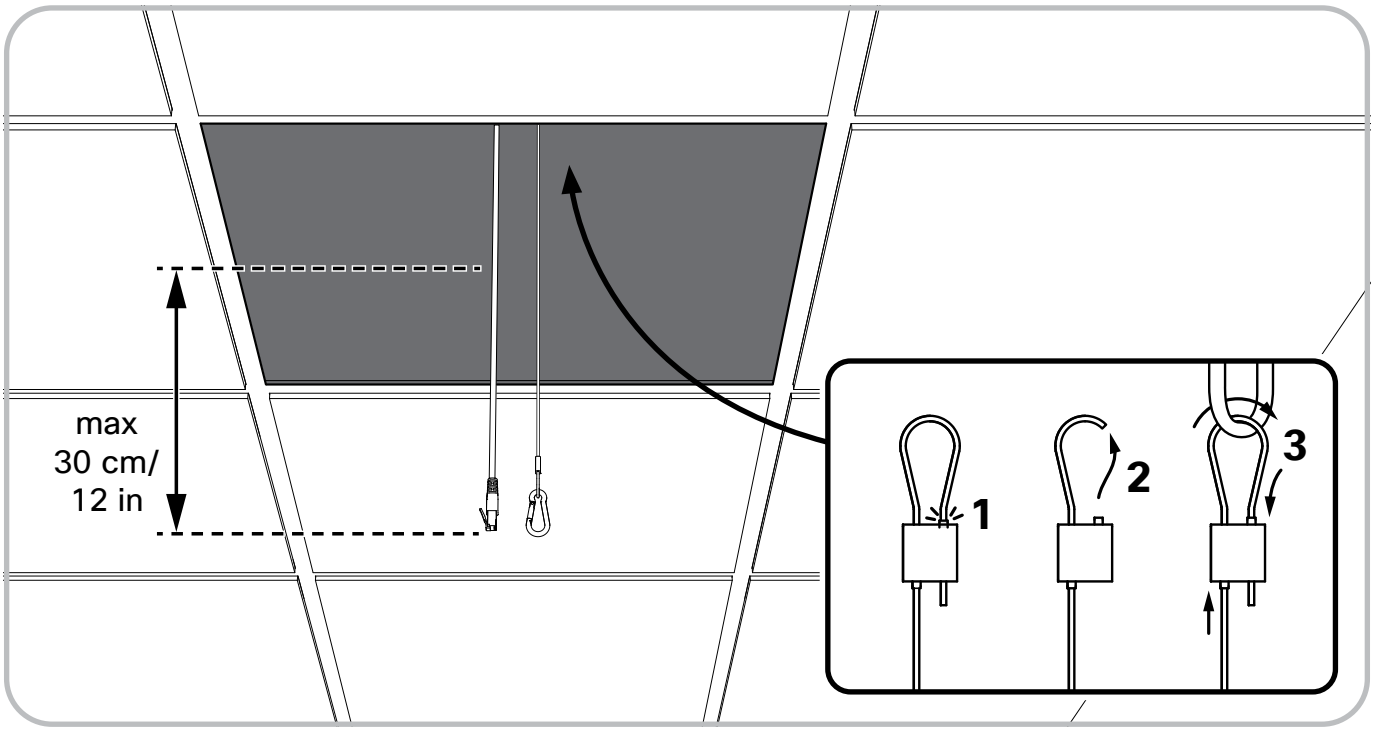
Quite la placa del techo y utilice la plantilla para hacer un agujero.



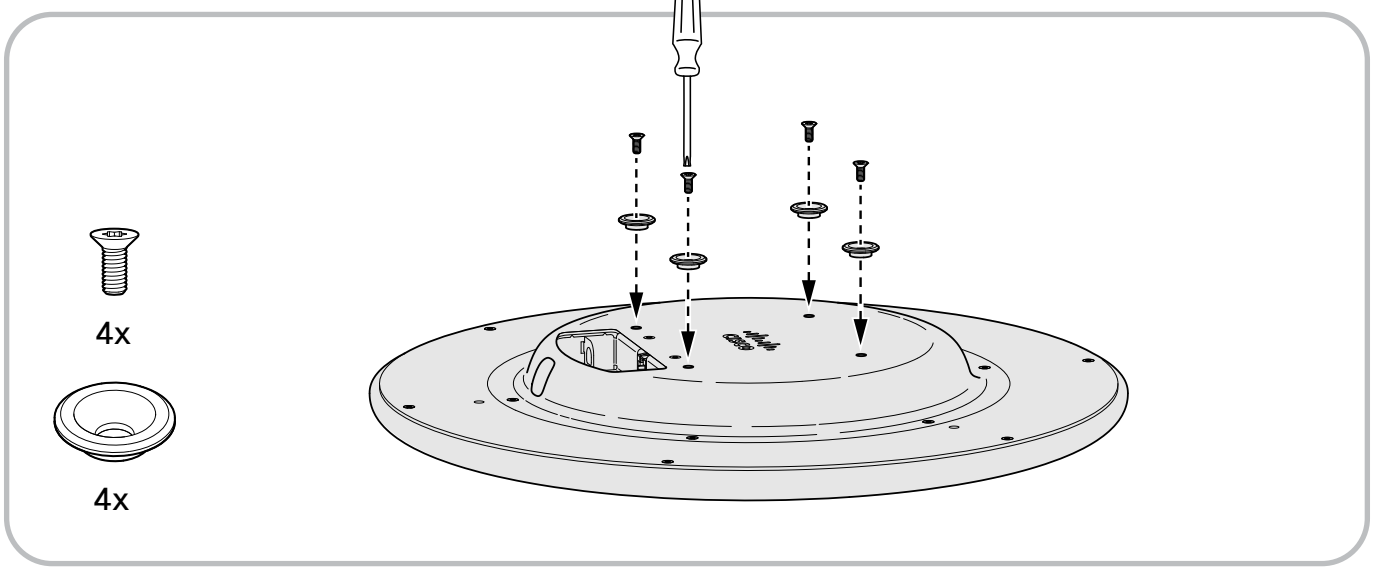
A

2 Prepare el anclaje de seguridad y el cable Ethernet.

Fije el anclaje de seguridad en un punto seguro por encima de las placas del techo de modo que el gancho cuelgue a unos 30 cm/12 in del techo.



3 Conecte los cuatro discos de interfaz al micrófono.

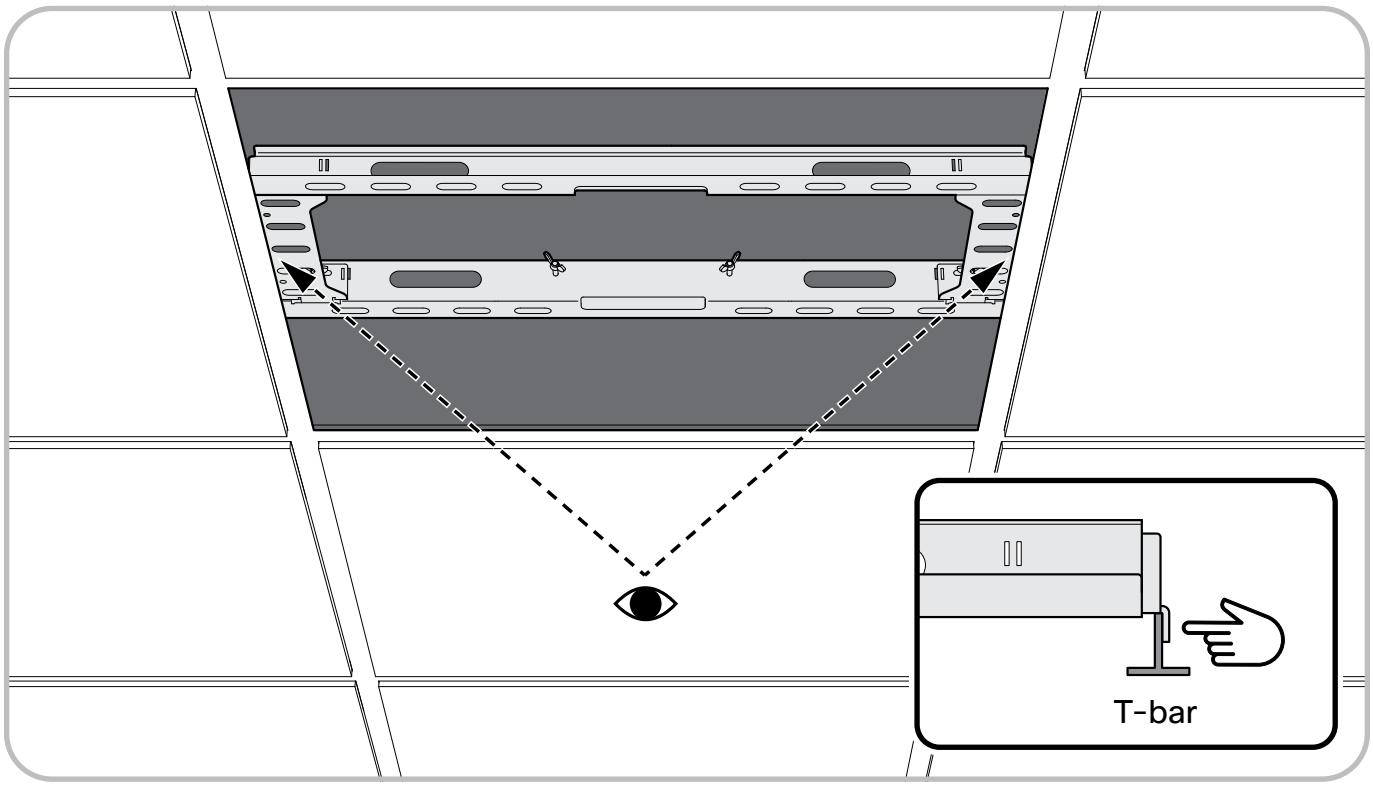


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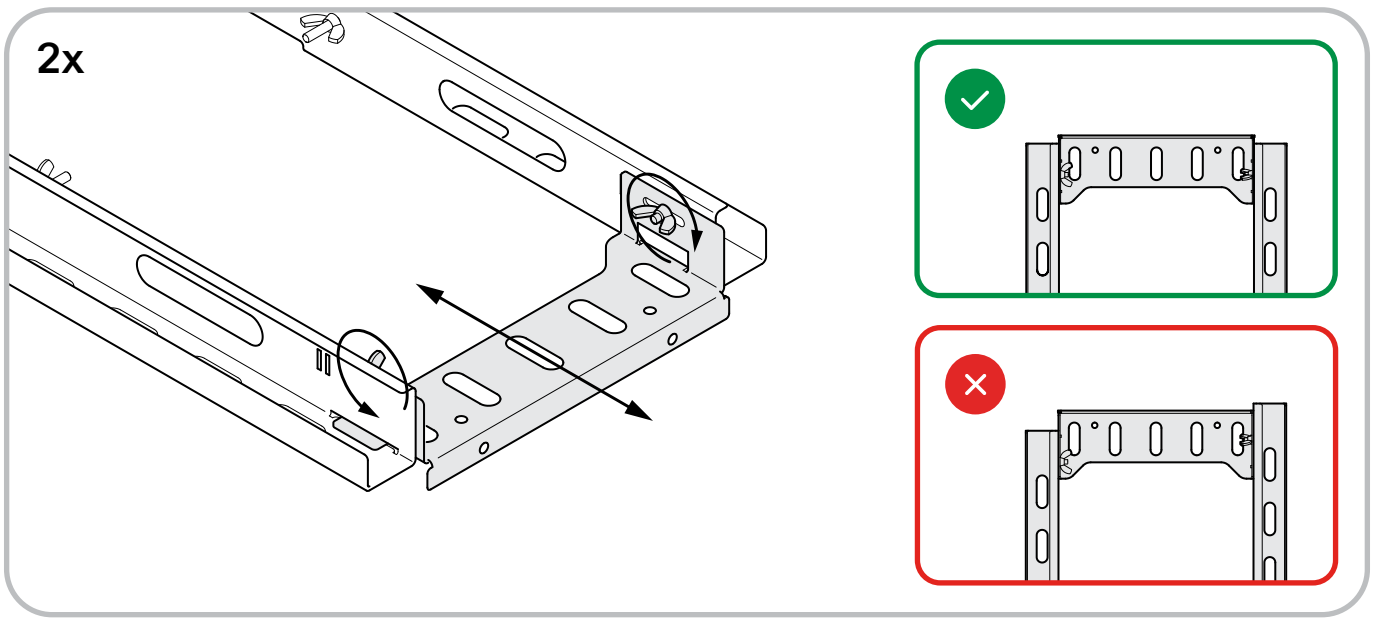
A

4 Ajuste el armazón.

Coloque el armazón temporalmente sobre las barras en T y ajústelo hasta que se enganche en ellas. Apriete las tuercas de mariposa. A continuación, quite el armazón.



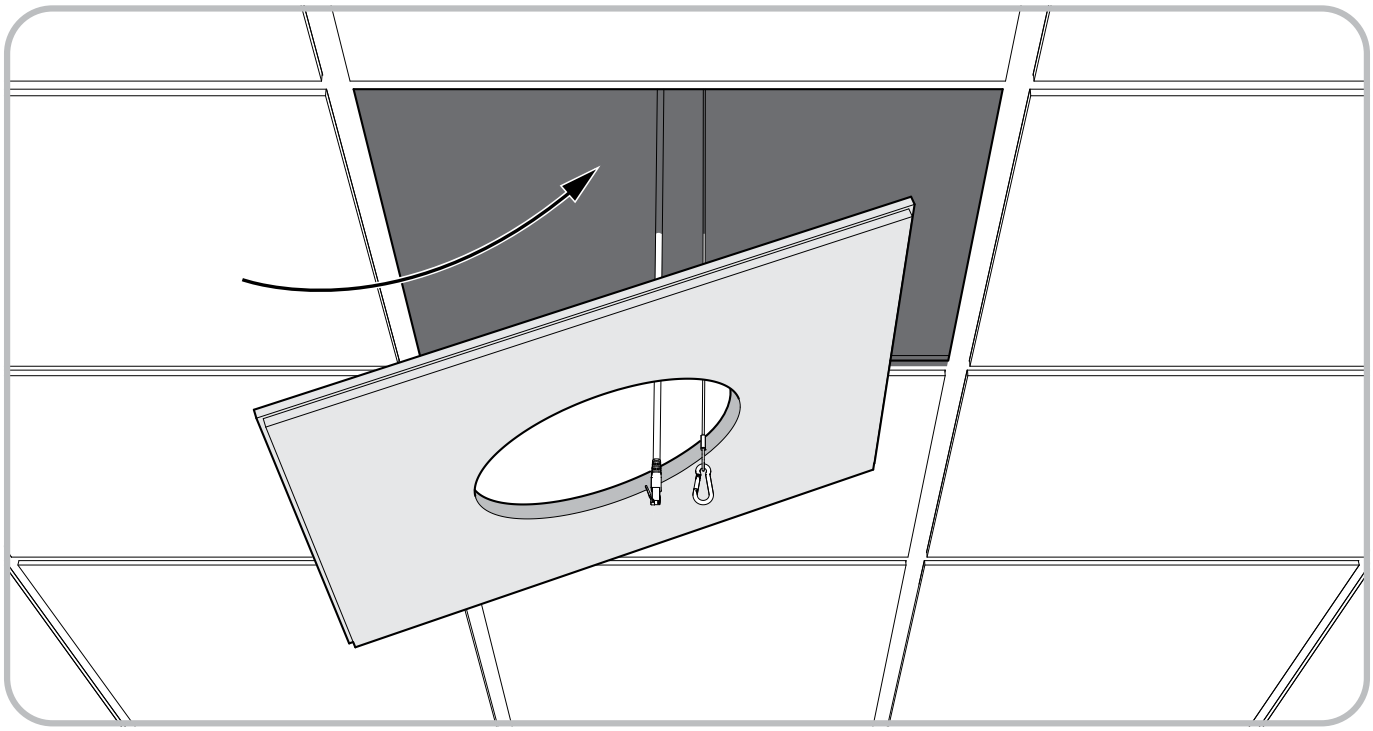
⚠ Asegúrese de que los rieles estén alineados uniformemente.



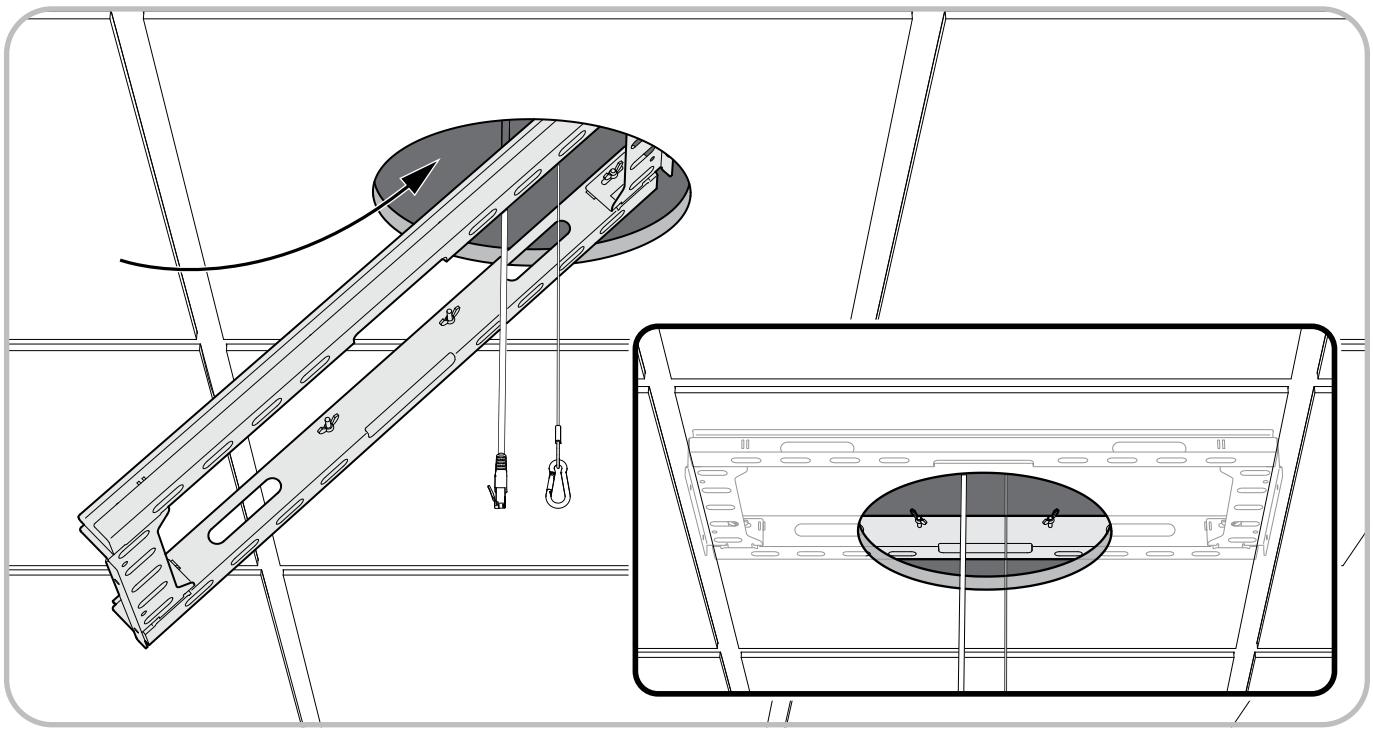
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A

5 Vuelva a colocar la placa.



6 Coloque el armazón firmemente sobre las barras en T.

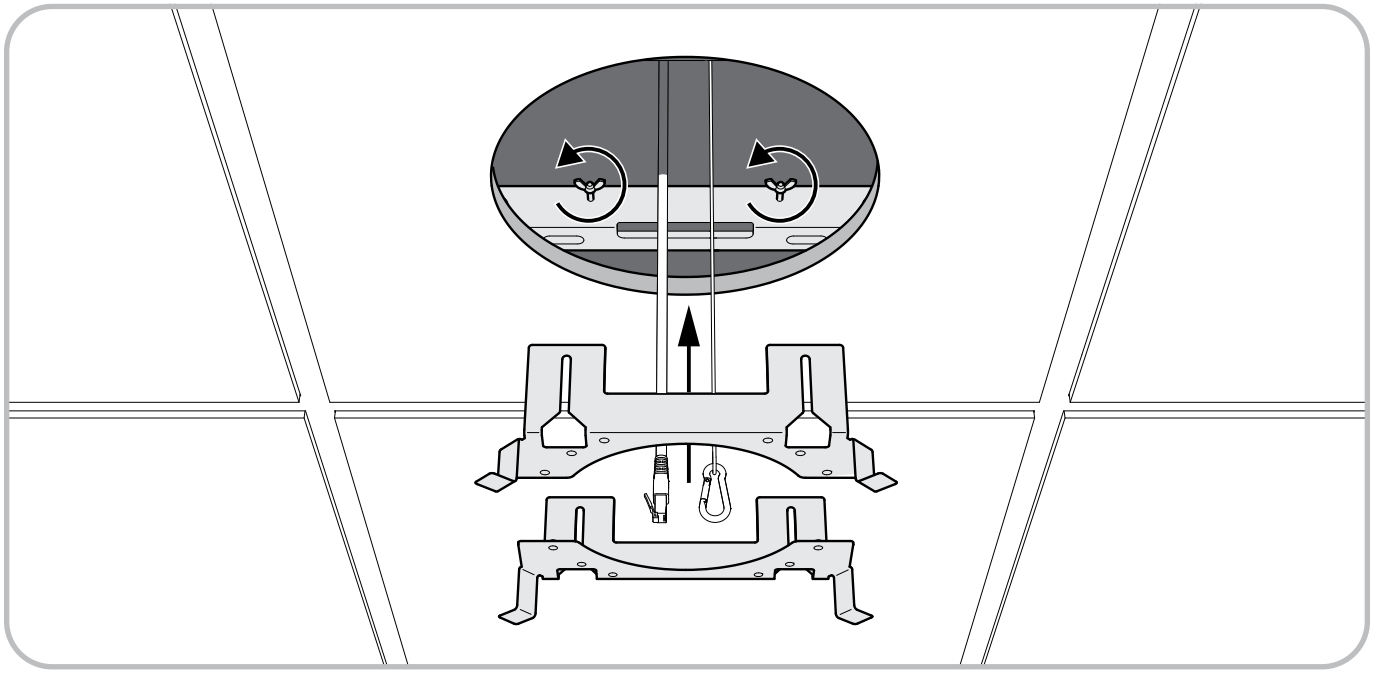


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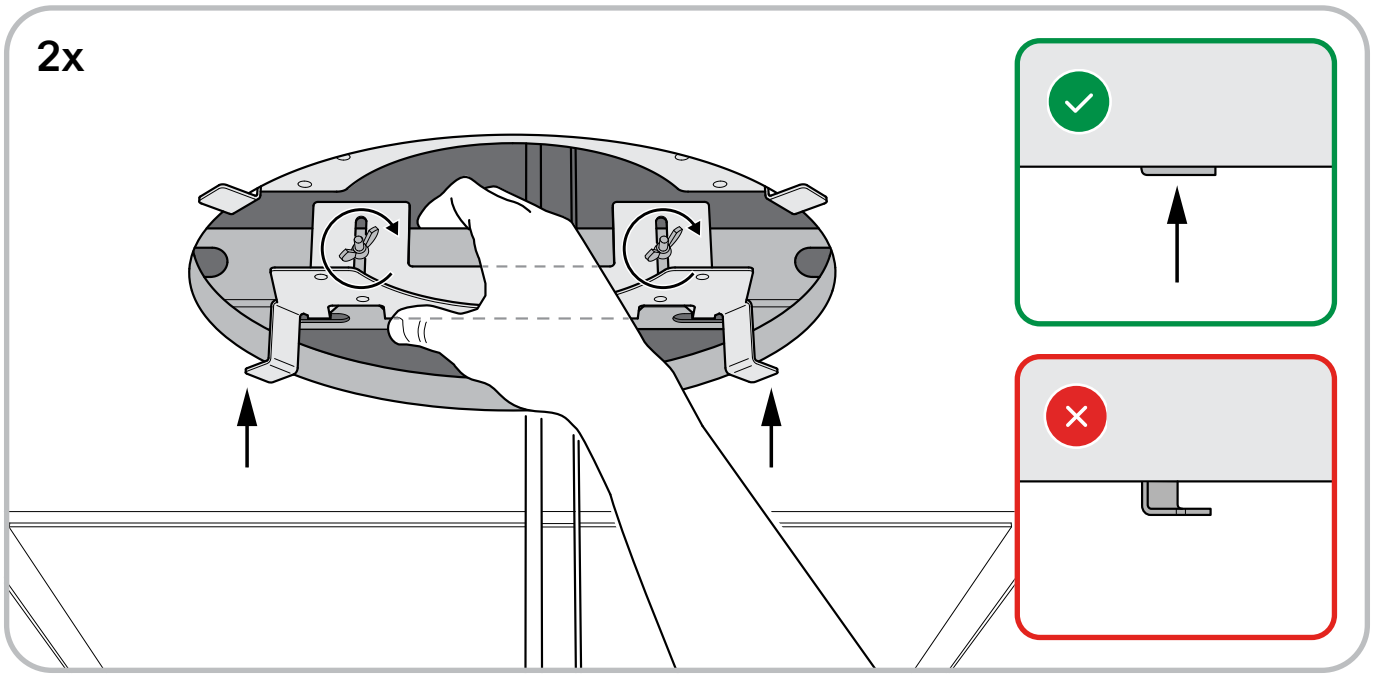
A

7 Instale los soportes.

Afloje las tuercas de mariposa del armazón y coloque un soporte a cada lado del mismo.



Ajuste la altura del soporte de modo que los ganchos queden alineados con la parte exterior de la placa del techo. Apriete las tuercas de mariposa del armazón con fuerza.

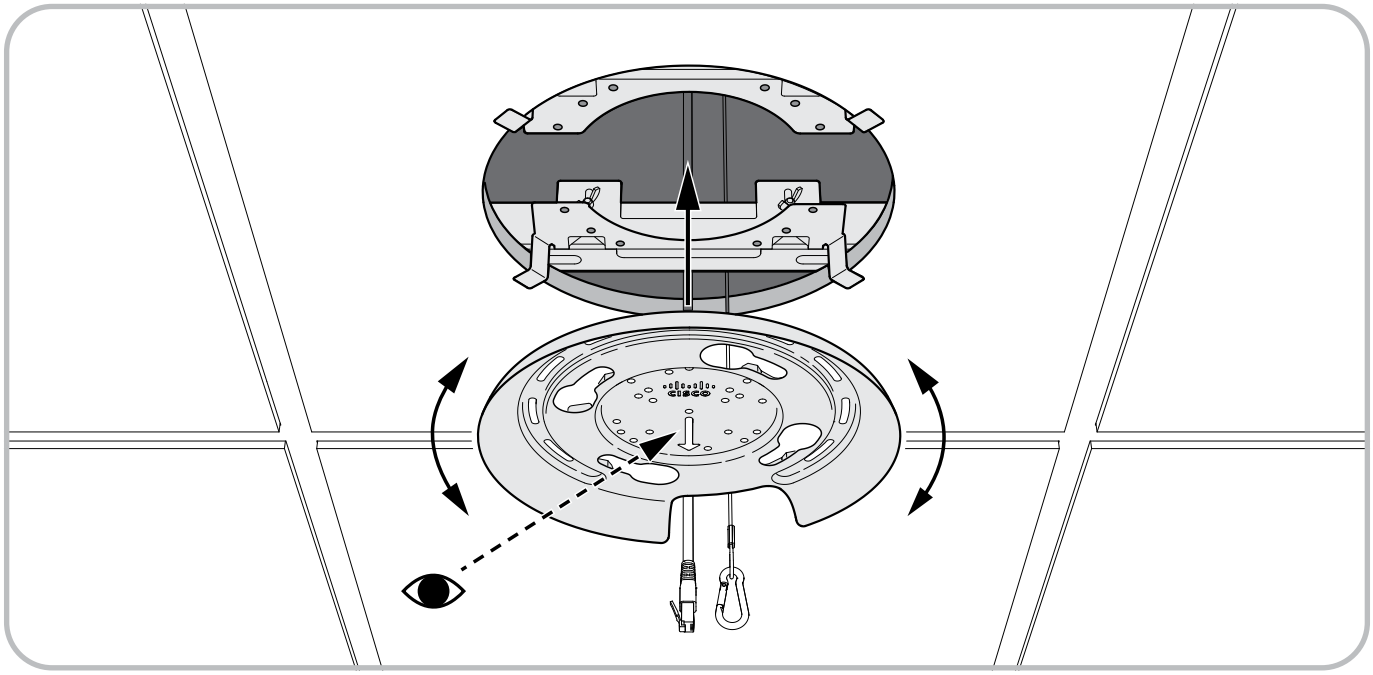


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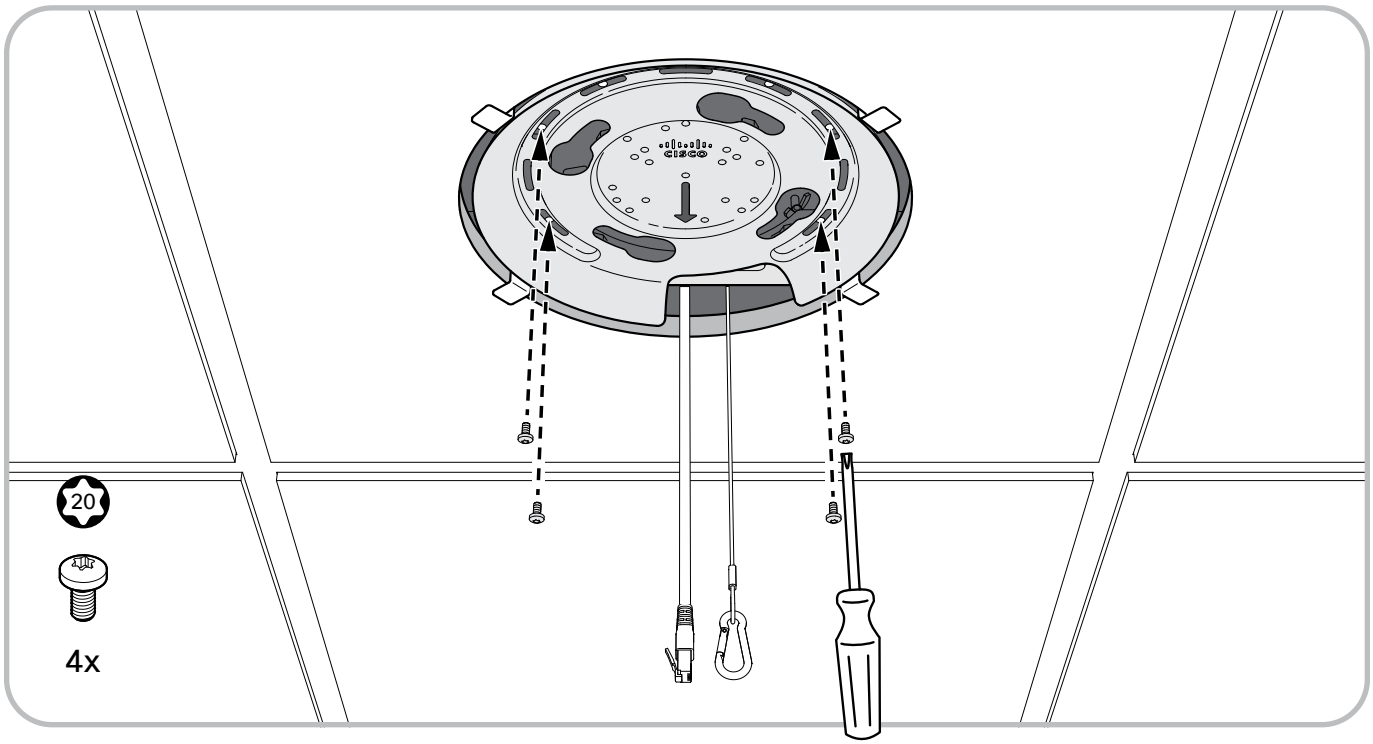
A

8 Monte el bol.

Coloque el bol de modo que la flecha señale la pantalla principal. Asegúrese de que los cables pasen por el conducto de cables.

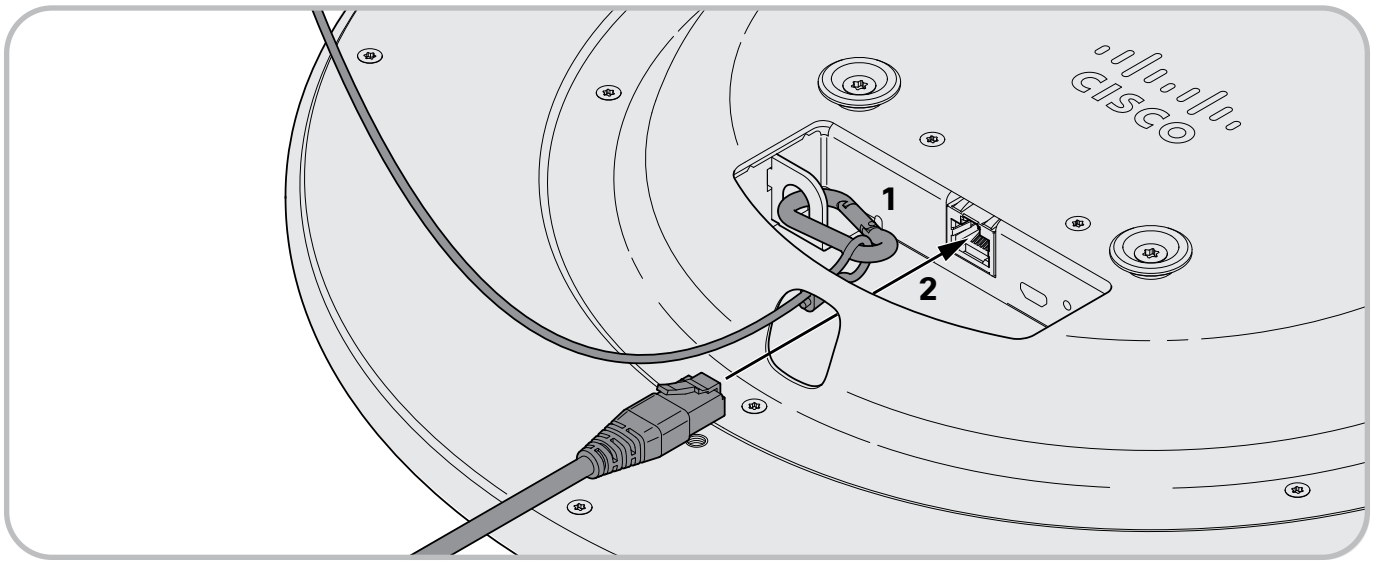


Fije el bol a cuatro de los orificios del armazón. Si hay cuatro agujeros que no están alineados, vuelva al paso 4.



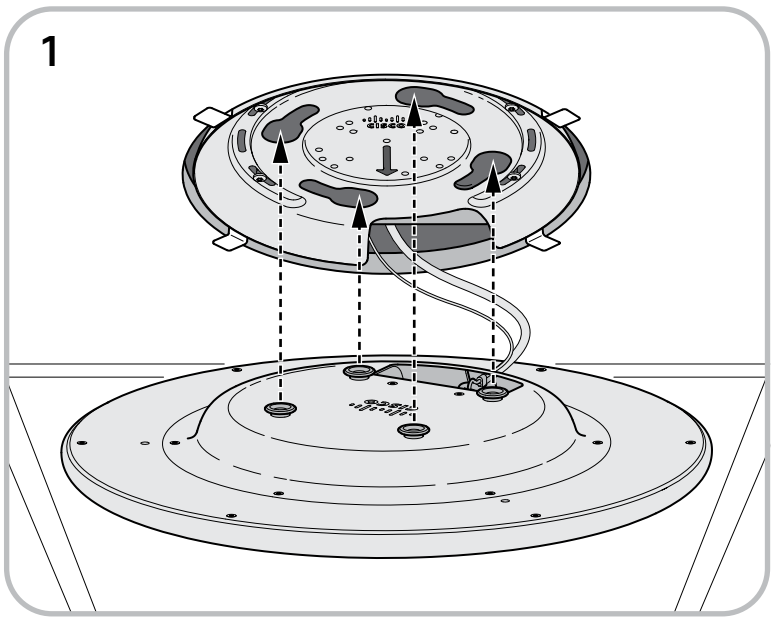
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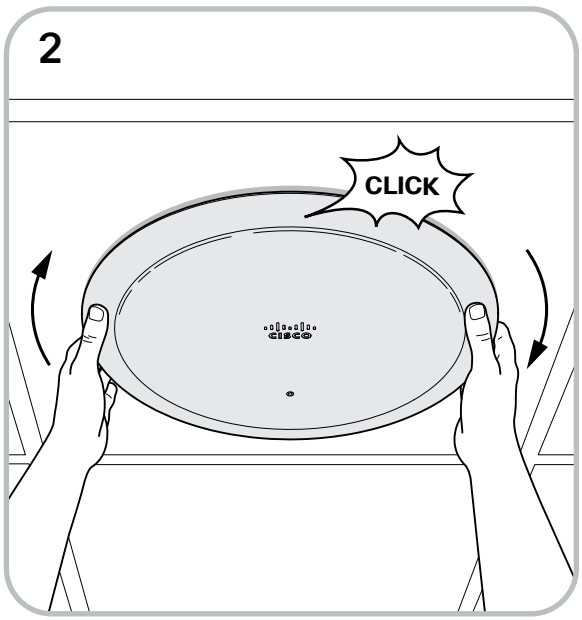
9 Conecte el anclaje de seguridad y el cable Ethernet.



10 Conecte el micrófono.

Coloque el micrófono contra el bol de forma que los discos de la interfaz entren en los orificios. Gire el micrófono en el sentido de las agujas del reloj hasta que escuche un clic. Tenga cuidado de no sacar la placa del techo.





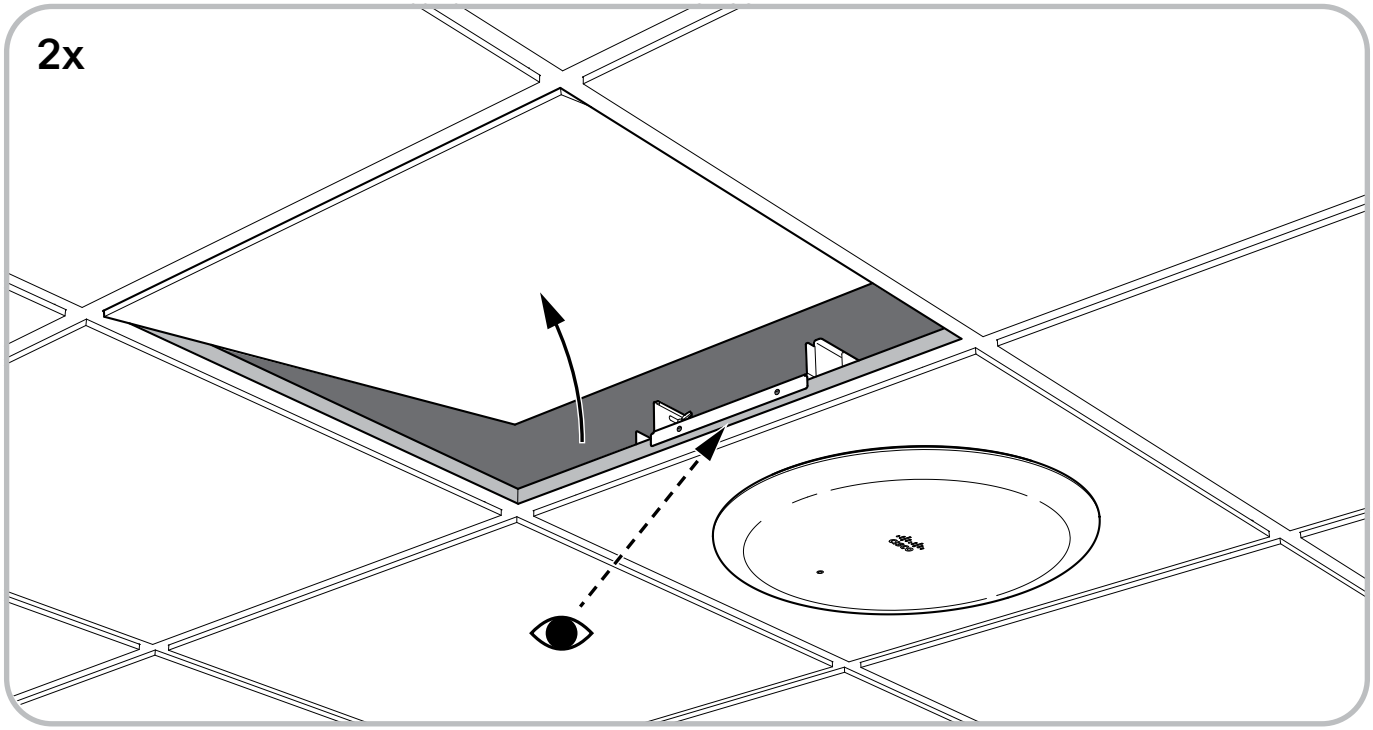
Si decide quitar el micrófono, gírelo en el sentido contrario a las agujas del reloj hasta que se desconecte del bol.

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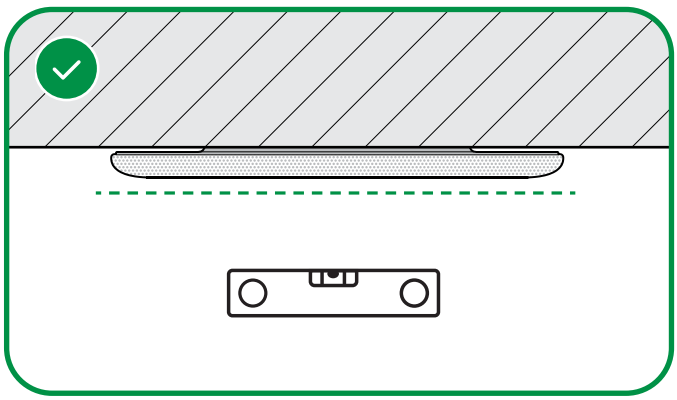
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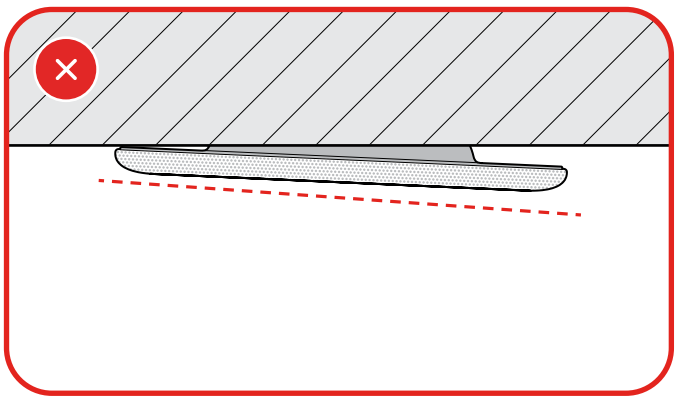
11 Garantice la colocación correcta.

Levante la placa adyacente para comprobar que el marco está en posición correcta.



Asegúrese de que el micrófono esté alineado con la placa del techo en todo su perímetro.



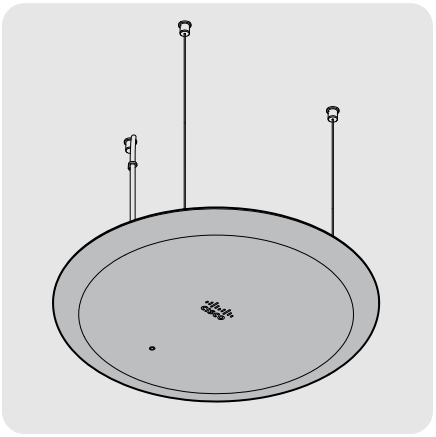


12 Continúe la instalación.

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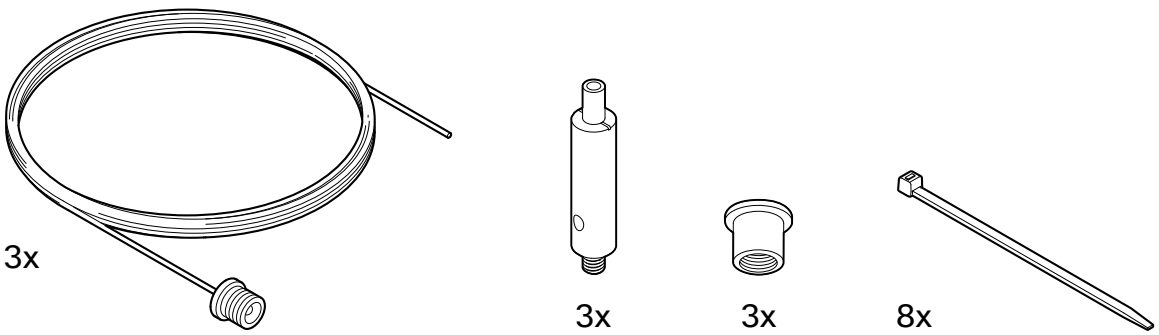
B Cable de suspensión



Antes de comenzar:

- Leer las orientaciones para la preparación de la sala.
- El micrófono pesa 2.7 kg/5 lbs. Asegúrese de que el techo pueda soportar el producto de forma segura.
- Proporcione los tornillos y cierres adecuados.
- Considere la colocación del cable Ethernet.
- Asegúrese de tener el kit de montaje que se muestra aquí:

Kit de montaje para suspensión por cable
CS-MIC-CLGP-WHK



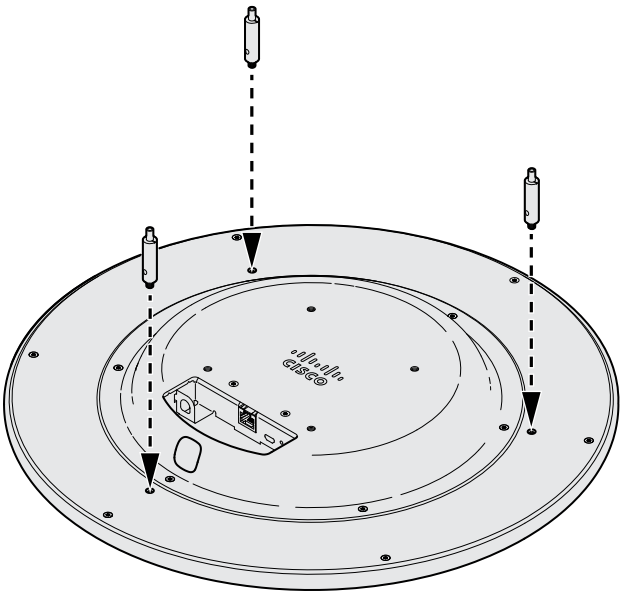
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B

1 Conecte las tres abrazaderas de cables al micrófono.

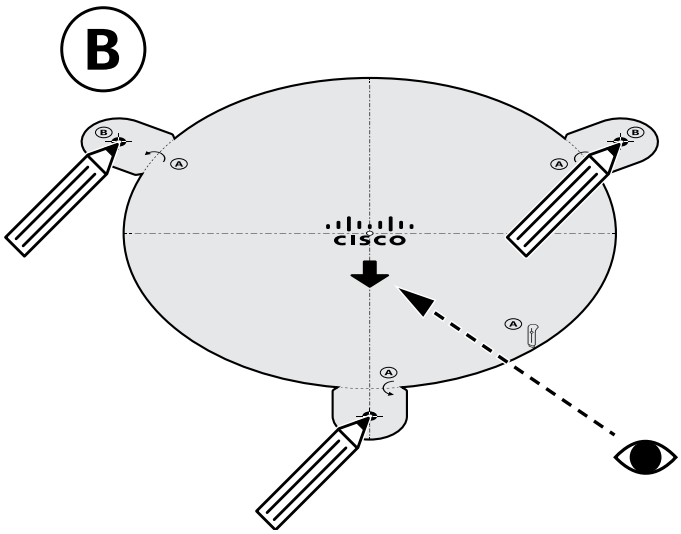


3x



2 Marque dónde se fijarán los tres cables.

Sitúe la plantilla de agujeros en el techo con la flecha apuntando a la pantalla principal.

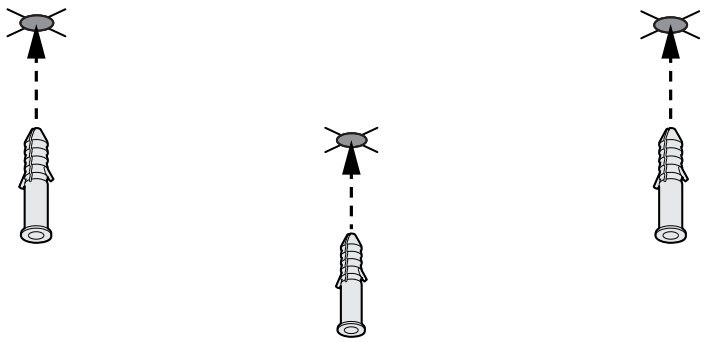


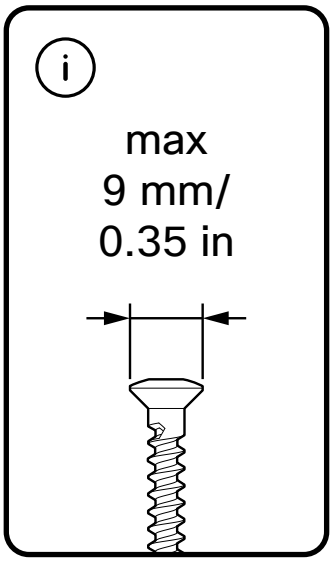
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B

3 Taladre los orificios.

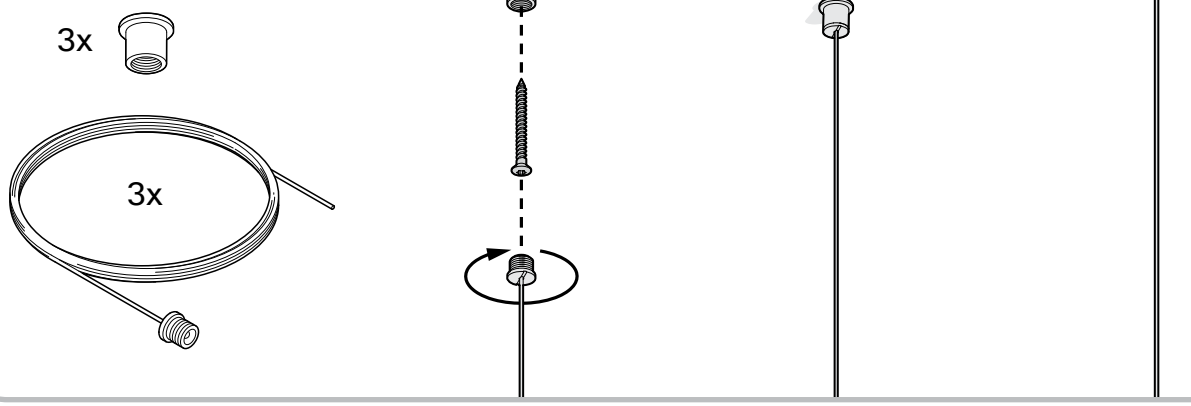
Según el tipo de techo, puede que necesite utilizar tapones.





4 Conecte los cables al techo.

Atornille los soportes de techo al techo. Desenrosque y conecte los cables a los soportes de techo.

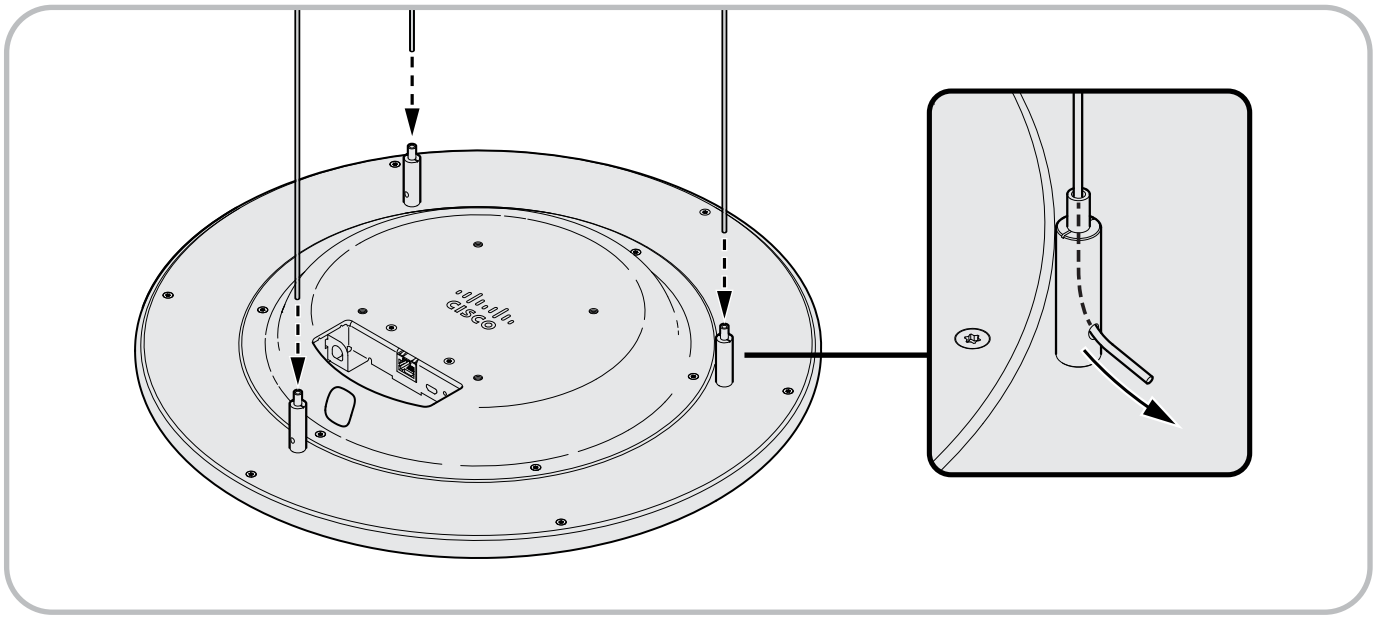


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B

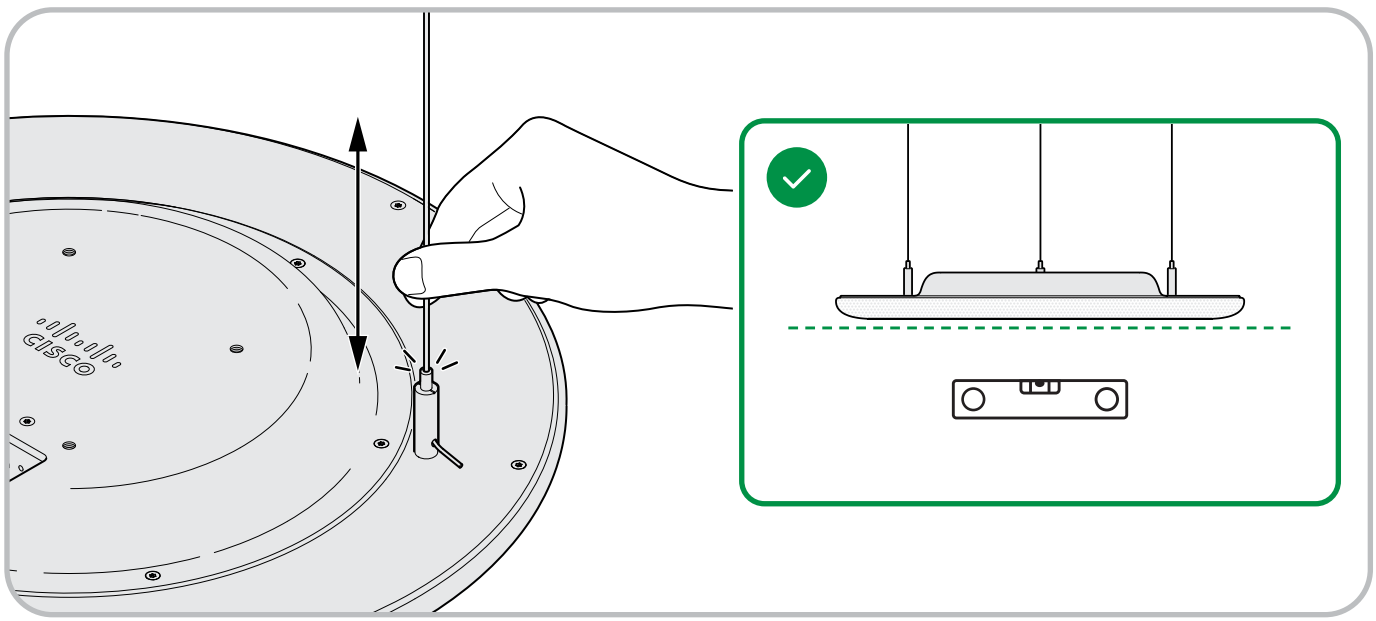
5 Conecte los cables al micrófono.

Coloque el micrófono en una superficie plana con el puerto Ethernet apuntando a la pantalla principal. Introduzca los cables en las abrazaderas.



6 Ajuste la altura del micrófono a una distancia de 2–3.5 m/7–12 ft del suelo.

Pellizque la parte superior de la abrazadera del cable y deslice el cable hacia arriba o hacia abajo.

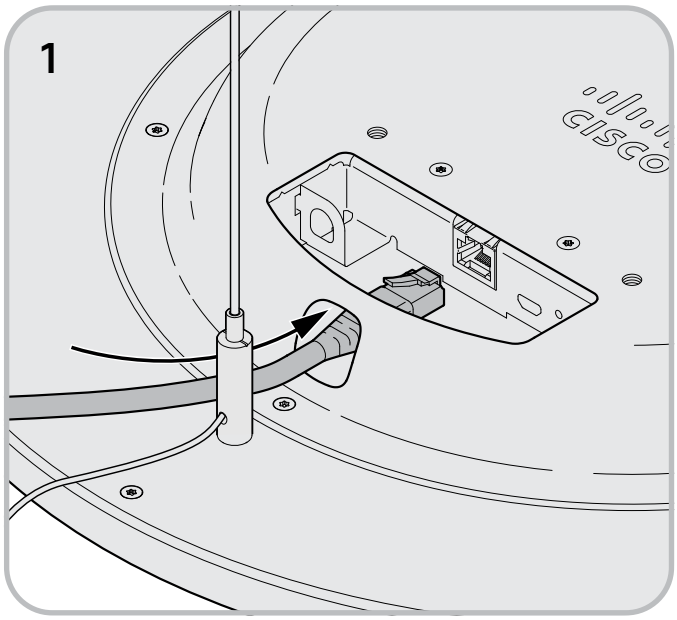


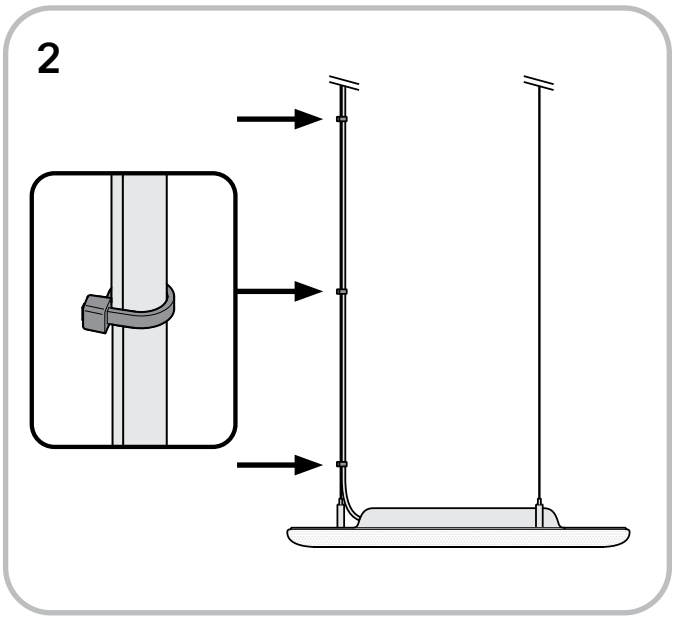
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B

7 Conecte el cable Ethernet al micrófono.

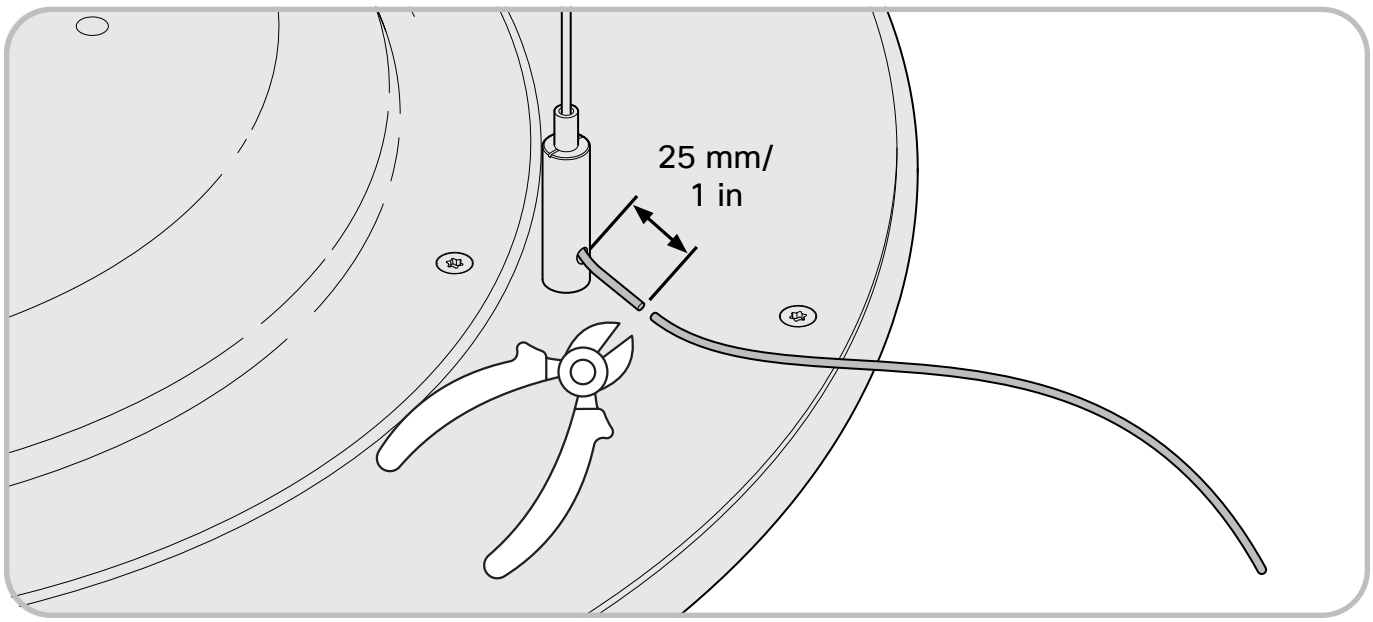
Use bridas para sujetar el cable al hilo más cercano.





8 Recorte los hilos.

Cuando esté satisfecho con la altura del micrófono, corte los extremos de los hilos a 25 mm/1 in de las abrazaderas.

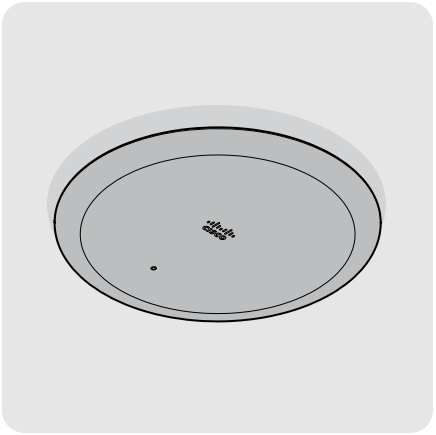


9 Continúe la instalación.

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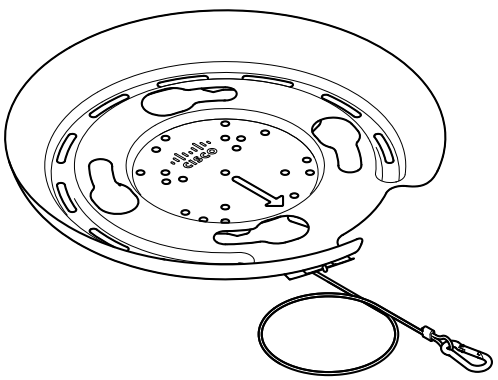
C Techo duro

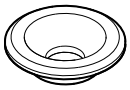


Antes de comenzar:

- Leer las orientaciones para la preparación de la sala.
- El micrófono, con el bol y los discos de interfaz, pesa 2.8 kg/6 lbs. Asegúrese de que el techo pueda soportar el producto de forma segura.
- Proporcione los tornillos y cierres adecuados.
- Considere la colocación del cable Ethernet.
- Asegúrese de tener el kit de montaje que se muestra aquí:

Kit de montaje en techo duro
CS-MIC-CLGP-CBK





4x

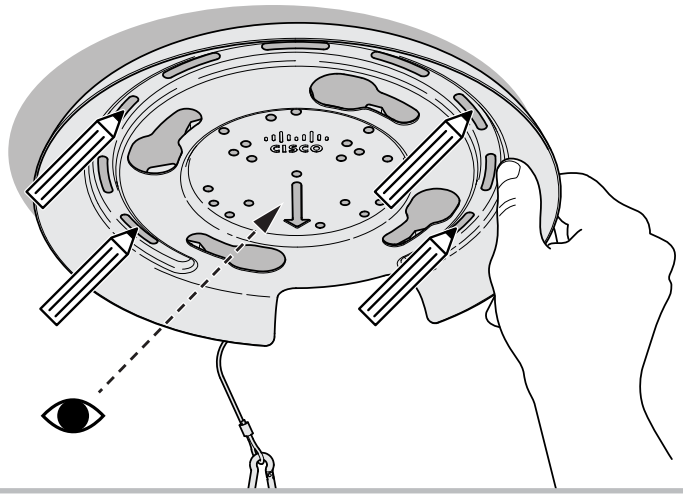


4x

C

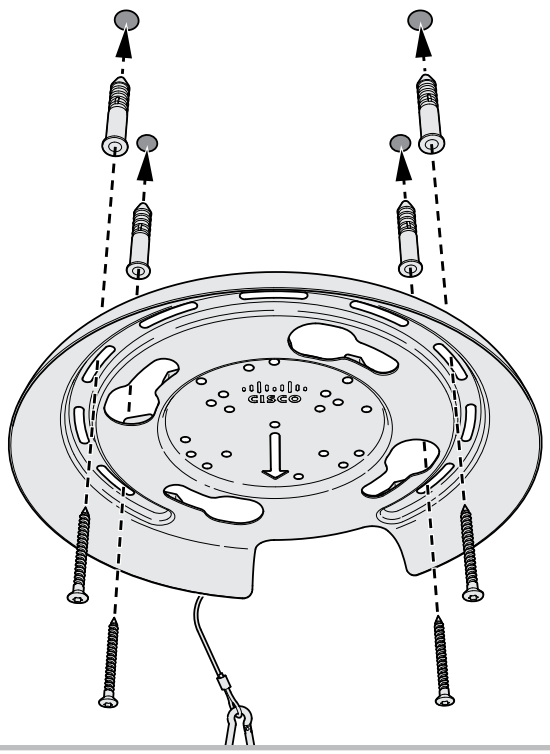
1 Marque dónde irán los tornillos.

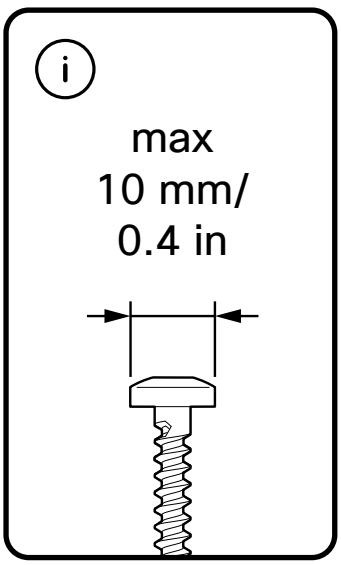
Sostenga el bol contra el techo con la flecha apuntando a la pantalla principal.



2 Taladre los agujeros y coloque el bol.

Según el tipo de techo, puede que necesite utilizar tapones.

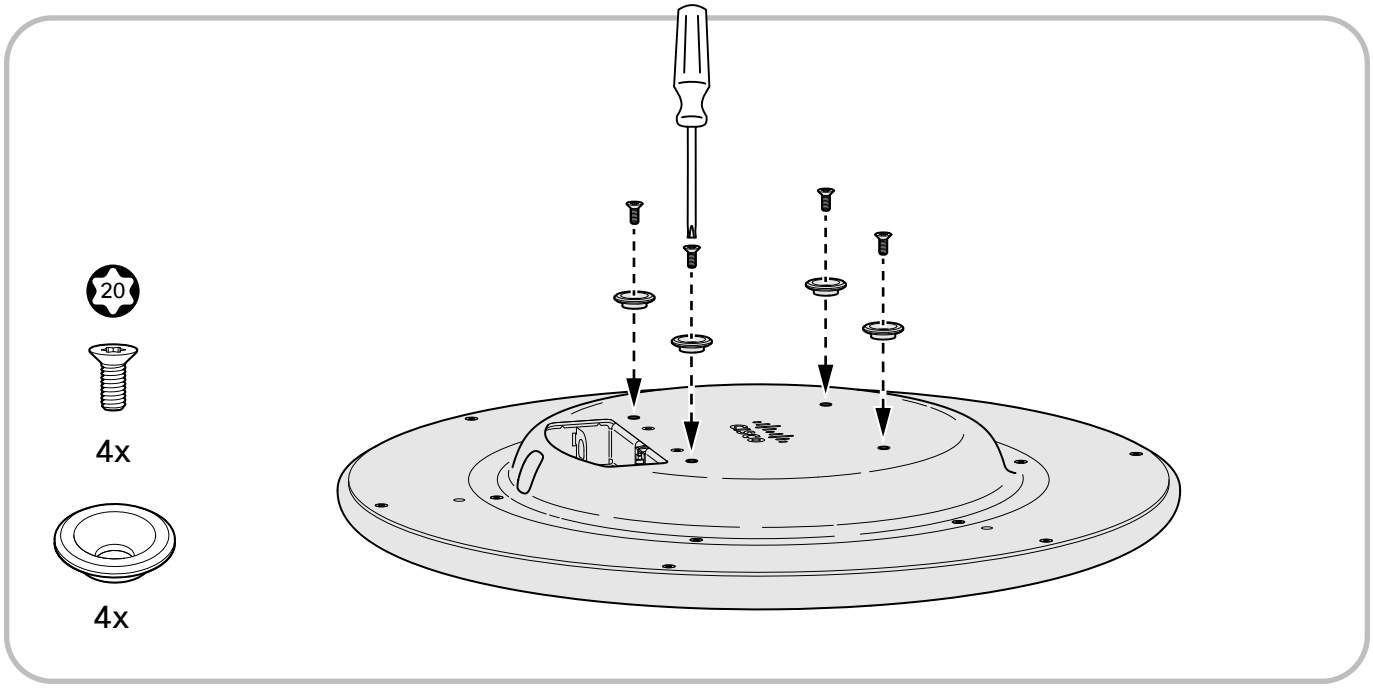




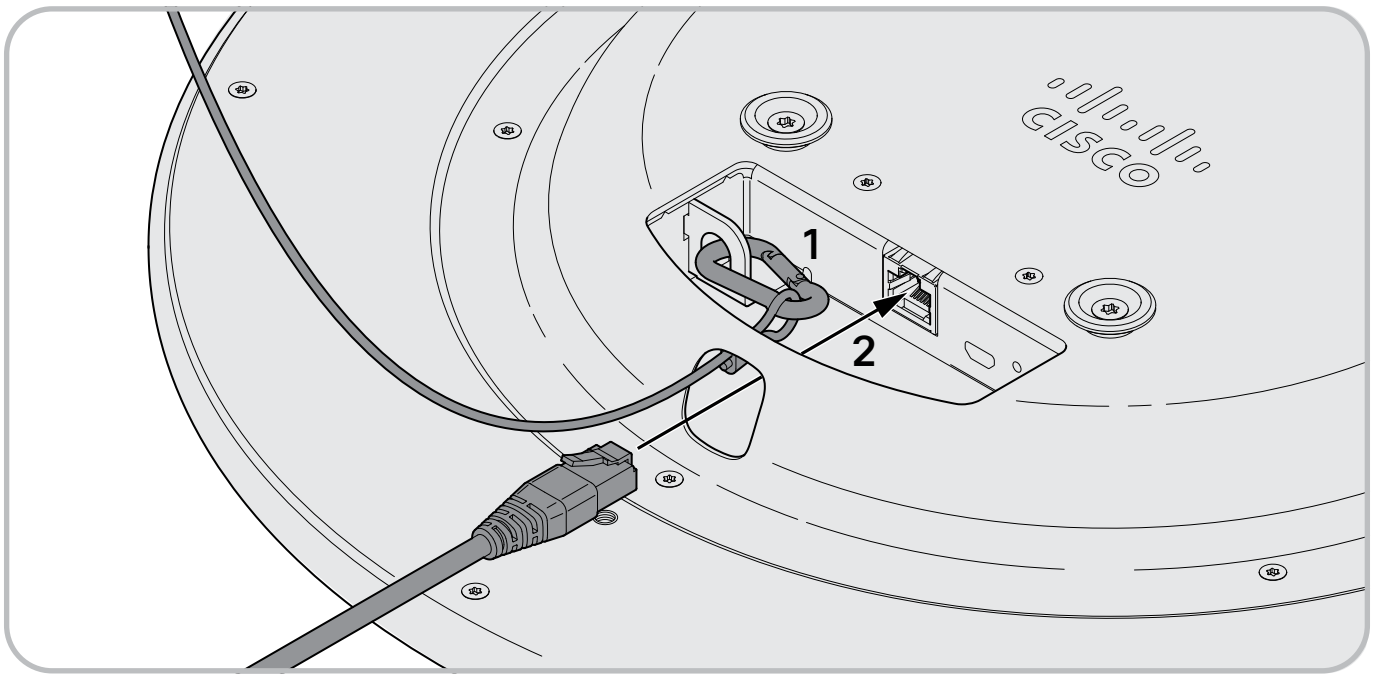
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C

3 Conecte los cuatro discos de interfaz al micrófono.



4 Conecte el anclaje de seguridad y el cable Ethernet.



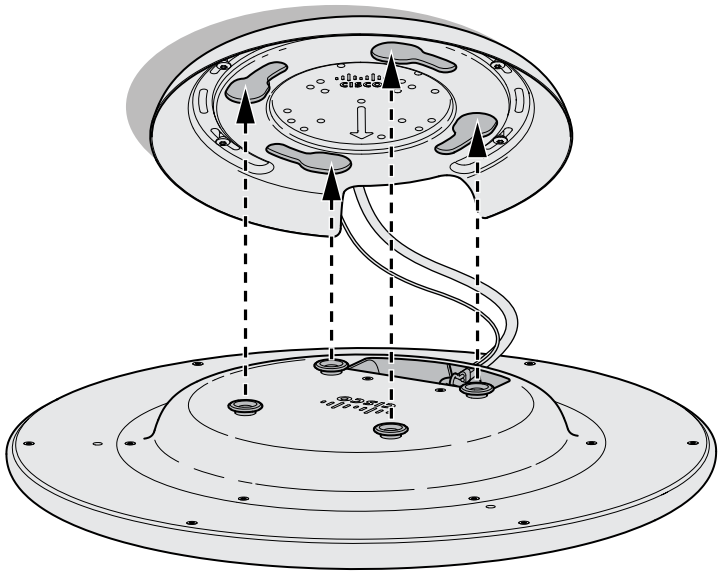
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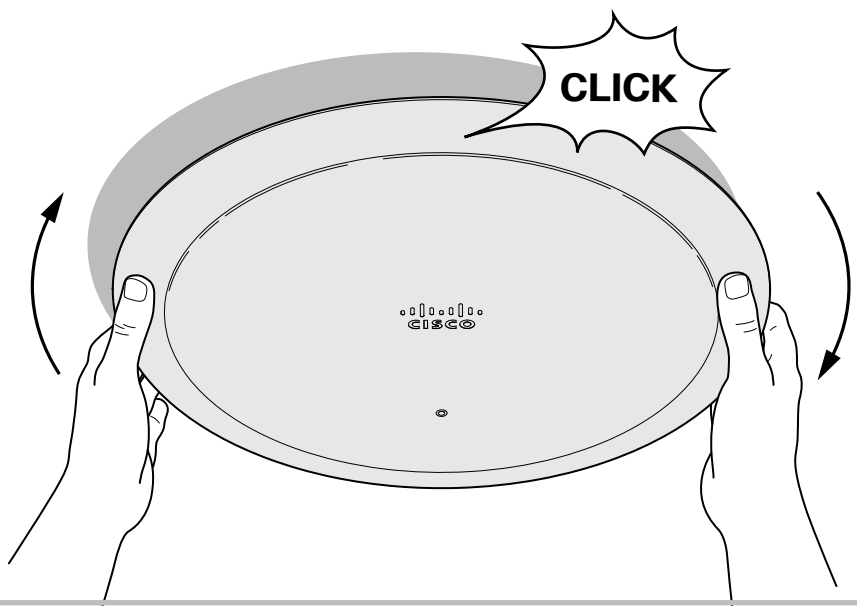
5 Conecte el micrófono.

Coloque el micrófono contra el bol de forma que los discos de la interfaz entren en los orificios. Gire el micrófono en el sentido de las agujas del reloj hasta que escuche un clic.

1



2

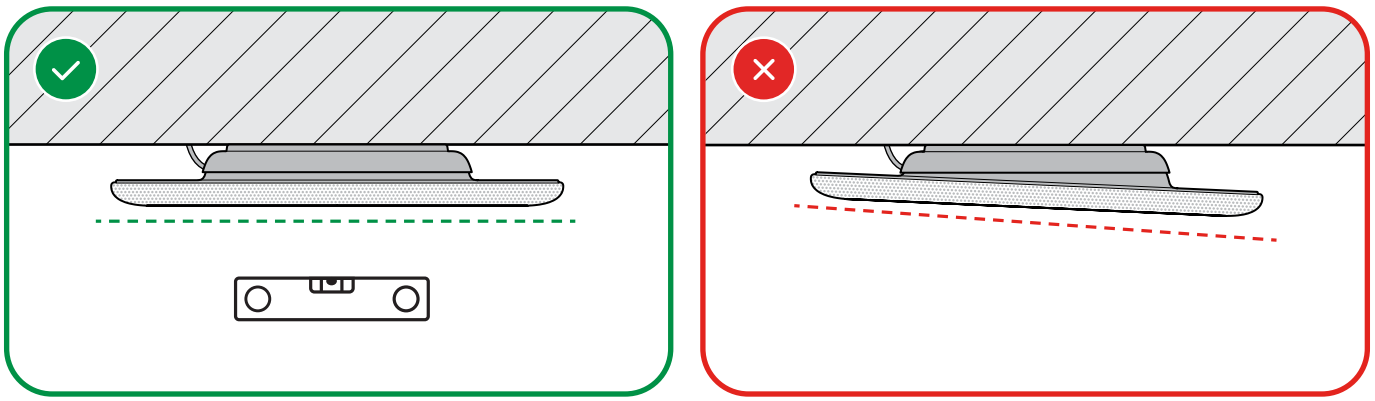


Si decide quitar el micrófono, gírelo en el sentido contrario a las agujas del reloj hasta que se desconecte del bol.

C

6 Garantice la colocación correcta.

Asegúrese de que el micrófono esté alineado con el techo en todo su perímetro.



7 Continúe la instalación.

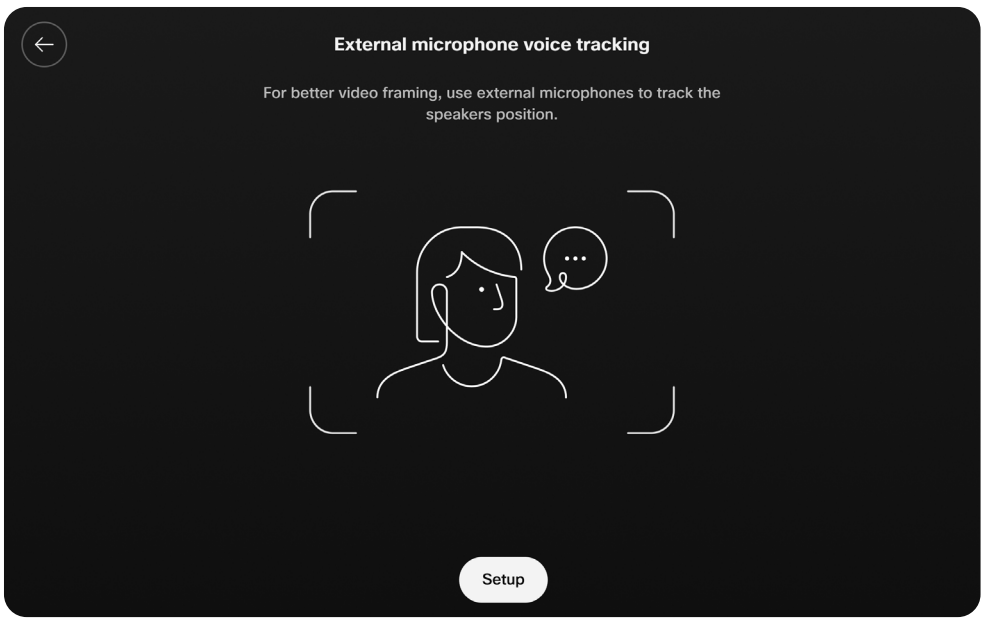
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Ejecutar la configuración

Conecte el micrófono al switch PoE o al puerto del sistema de vídeo. Cuando la alimentación esté conectada, ejecute a configuración del seguimiento de voz del micrófono externo (‘External microphone voice tracking’) en el menú de configuración del dispositivo, en el controlador táctil:

1. En la pantalla de inicio del controlador táctil, abra el panel de control.
2. Toque Configuración del dispositivo. Desplácese y toque Micrófono.
3. Seleccione la opción de seguimiento de voz del micrófono externo (‘External microphone voice tracking’) y, a continuación, toque Configuración.



Al iniciar el micrófono, el LED orientado al usuario mostrará una luz blanca fija. Durante la configuración, el LED parpadeará en blanco al conectarse o al ejecutar actualizaciones. Cuando se completan esas operaciones, el LED se apaga.

Limpieza del micrófono

⚠ Para la limpieza, utilice únicamente un trapo seco evitando el logotipo de Cisco.



Más información

Puede descargar la guía de instalación aquí:

Busque
Cisco Ceiling Microphone Pro

https://www.cisco.com/go/ceiling-microphone-pro-installation

Visite estos sitios web para obtener más información sobre su dispositivo:

help.webex.com

cs.co/webexadoption

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O que contém este guia?

Para imprimir apenas a versão em português deste guia, selecione as páginas 89 a 117 na caixa de diálogo Imprimir.

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Opção de montagem 95

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- B. Suspensão do fio 105
- C. Teto rígido 110

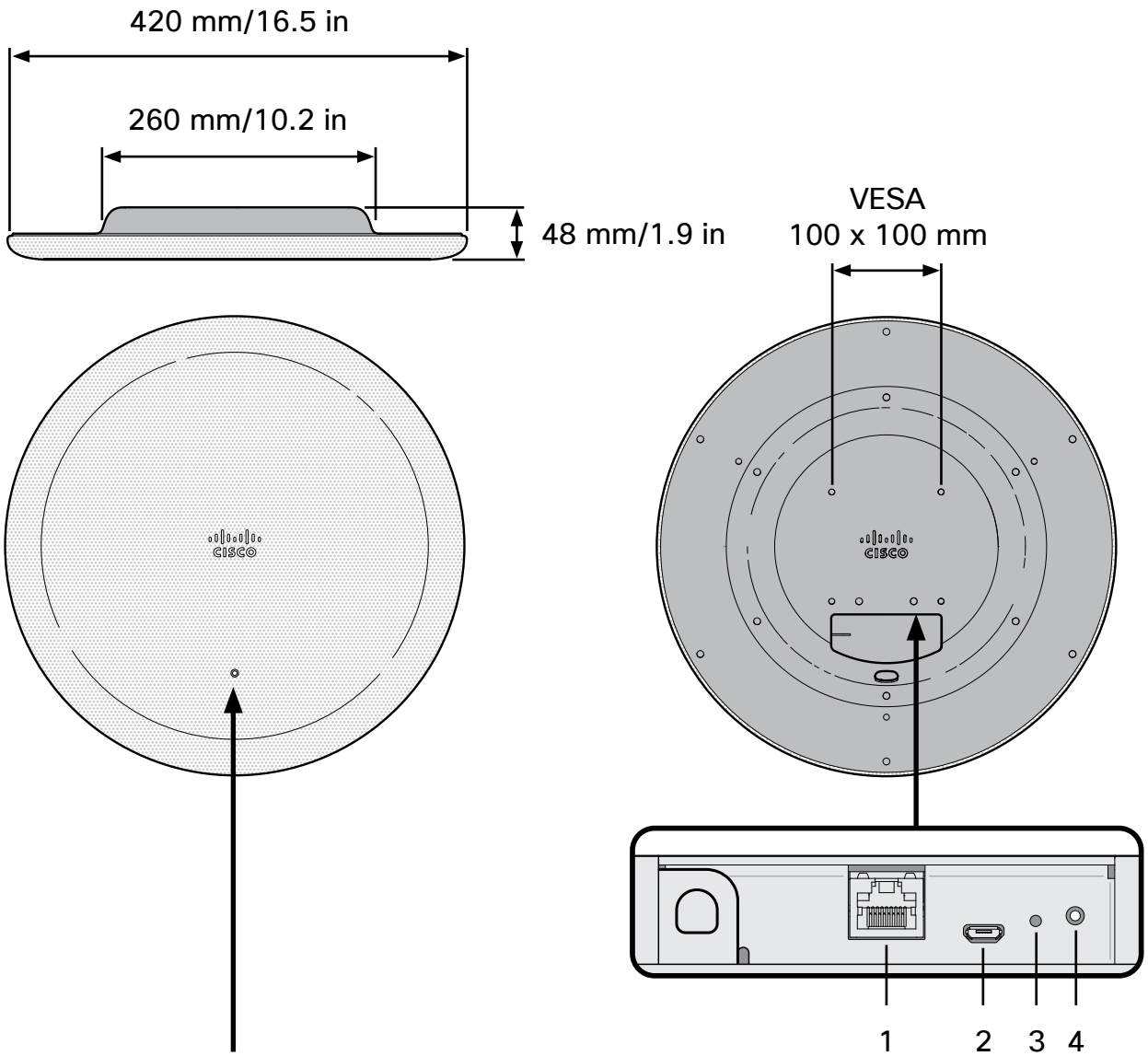
Configuração do microfone 115

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Dimensões e funcionalidades



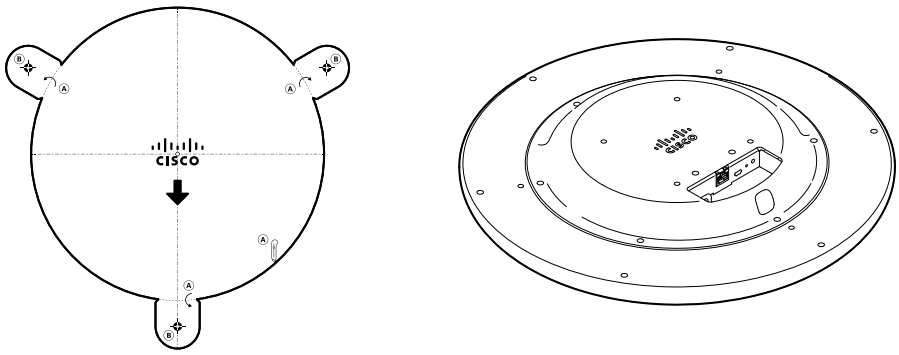
LED de estado do microfone

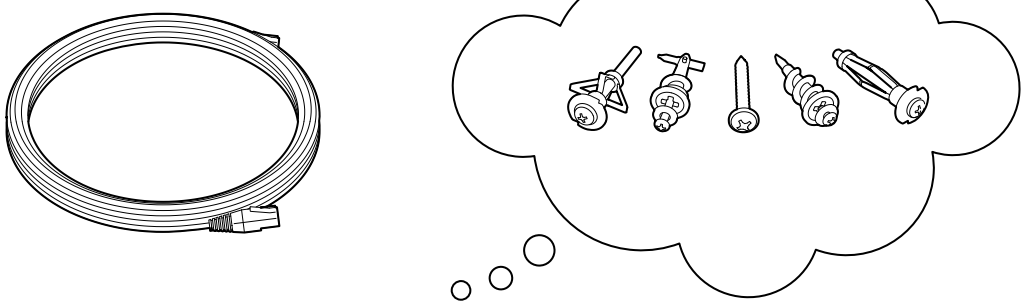
- Verde: em chamada, LIGADO
- Vermelho: em chamada, MUDO
- Branco: modo de configuração

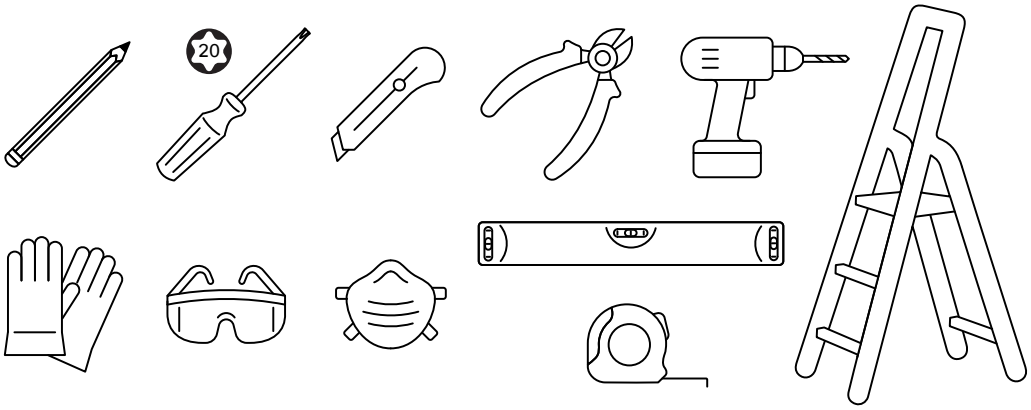
Painel de conectores

1. Ethernet (PoE)
2. Manutenção
3. Repor
4. Indicador de alimentação

Conteúdo da caixa e ferramentas







Preparação da divisão

Distâncias

As Figuras 1, 2 e 3 ilustram as diretrizes de colocação do microfone. Para cumprir estas orientações, utilize um dos kits de montagem do Microfone Profissional de Teto da Cisco, de acordo com as instruções neste guia.

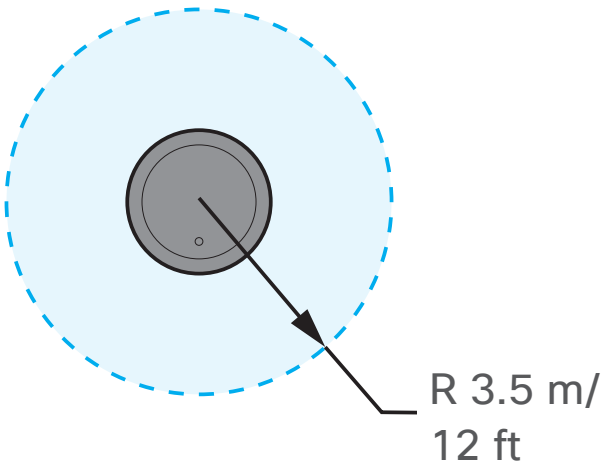


Fig. 1: Faixa ideal máx.

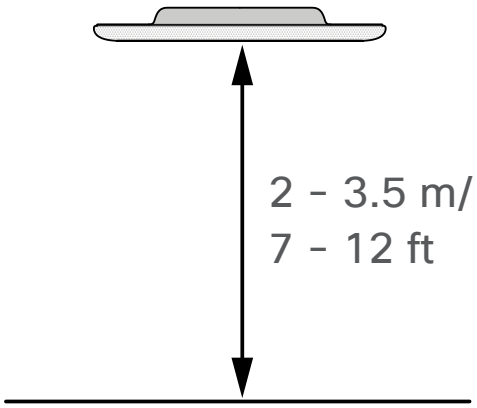


Fig. 2: Distância ao chão

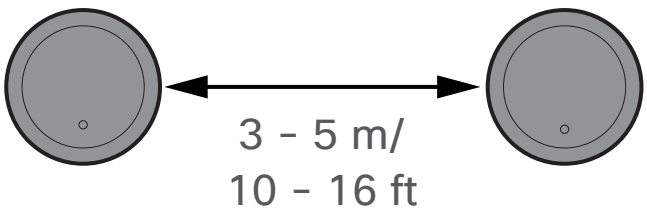


Fig. 3: Distância entre microfones

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Posicionamento em relação aos participantes

O tamanho, a disposição e a acústica da divisão irão determinar o número de Microfones Profissionais de Teto necessários para uma cobertura ideal. Ao instalar o(s) microfone(s), certifique-se de que todos os participantes na sala estão de frente para pelo menos um microfone, tanto quanto possível.

Se estiver a instalar um único microfone, recomendamos que o monte virado para a frente da mesa, em vez de no meio (figura 4). Isso garantirá que todos os participantes, incluindo os da primeira fila, fiquem de frente para o microfone quando falarem para o sistema de vídeo. Se isto significar que a distância do microfone aos participantes é muito grande, recomendamos a instalação de um segundo microfone (figura 5).

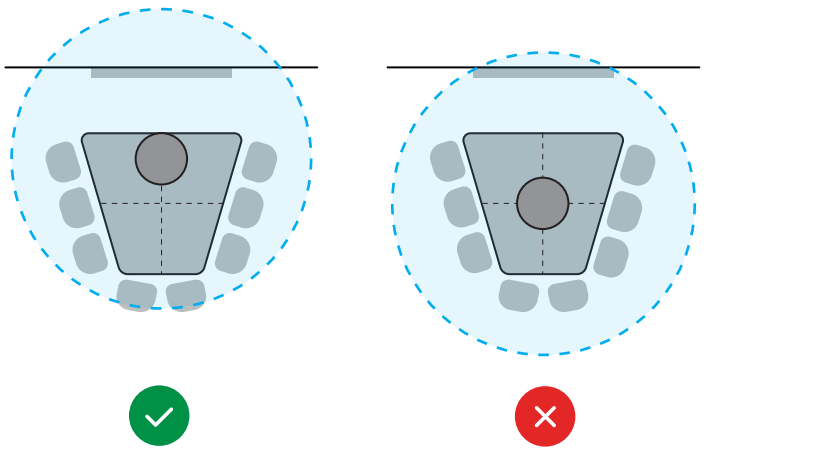


Fig. 4

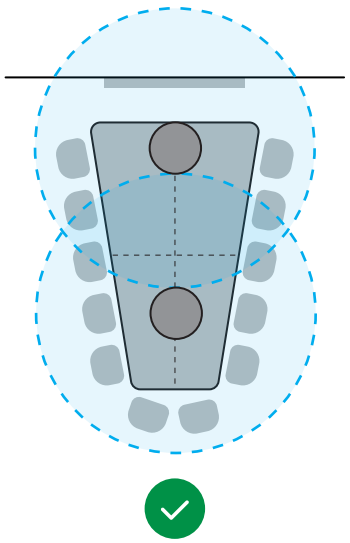


Fig. 5

Uma instalação ideal está dentro destes limites. A acústica da divisão afetará o desempenho do microfone, bem como o grau de degradação fora dos limites. Numa divisão com má acústica, instale o microfone próximo da extremidade inferior destas recomendações.

Em combinação com sistemas de vídeo

Se o seu sistema de vídeo tiver microfones internos para captação de voz, o Microfone Profissional de Teto pode alargar o alcance de captação do microfone e melhorar a captação de voz para os participantes mais afastados na sala (figura 6). Monte o Microfone Profissional de Teto na extremidade do alcance de captação do microfone do sistema de vídeo:

- Cisco Room Bar 3 m/10 pés
- Cisco Room Bar Pro, Cisco Board Pro 4 m/13 pés

Para utilizar o Microfone Profissional de Teto com os microfones internos no Board Pro ou Room Bar Pro, certifique-se de que executa o assistente de Seguimento de Voz do Microfone Externo após a instalação.

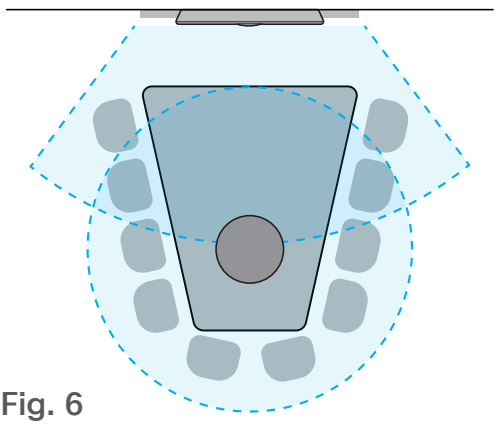


Fig. 6

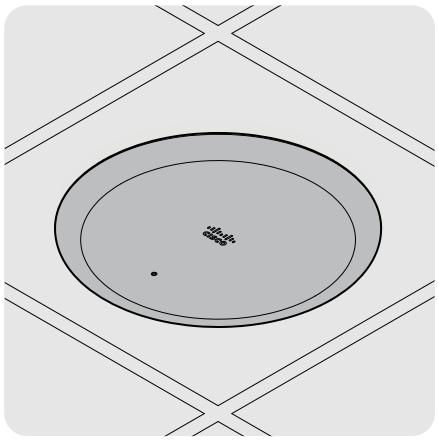
Outras considerações

- Certifique-se de que não existem objetos suspensos no teto (como lâmpadas, elementos do edifício, etc.) entre o microfone e os eventuais participantes.
- Evite colocar o microfone perto de fontes de ruído, como ventilação ou outras instalações técnicas.
- Recomendamos que evite instalar o microfone de teto perto de quaisquer altifalantes na sala.

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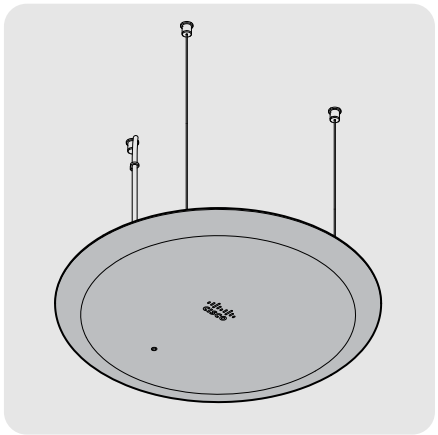
Opção de montagem

A Grelha de teto falso



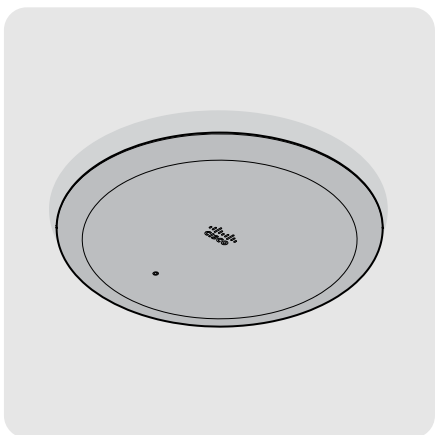
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B Suspensão de fio



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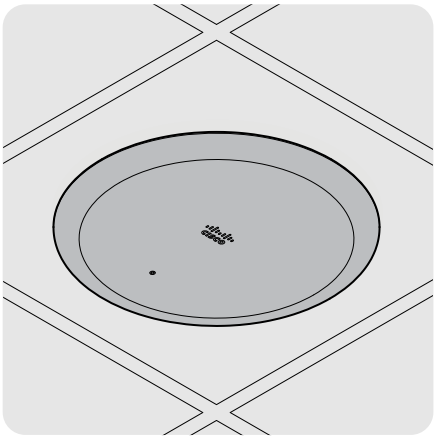
C Teto rígido



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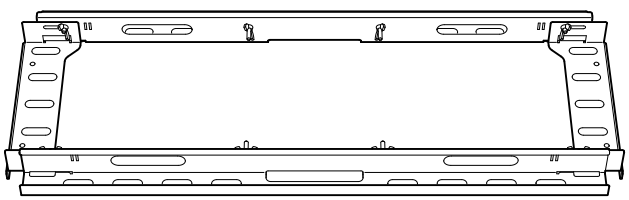
A Grelha de teto falso



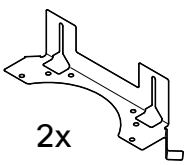
Antes de começar:

- Leia as diretrizes de preparação da divisão.
- O microfone com estrutura de teto pesa 3.5 kg/7 lbs. Certifique-se de que o teto pode suportar o produto com segurança.
- Considere a colocação do cabo Ethernet.
- Certifique-se de que tem o kit de montagem aqui apresentado:

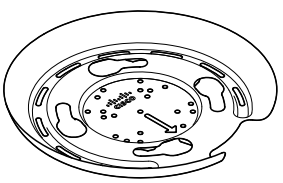
Kit de montagem de grelha em tetos falsos
CS-MIC-CLGP-DMK

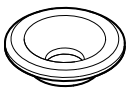


592 - 620 mm
23.3 - 24.4 in



2x





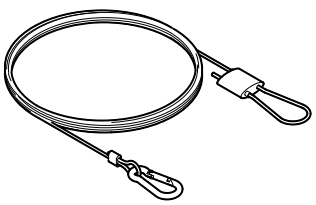
4x



4x



4x

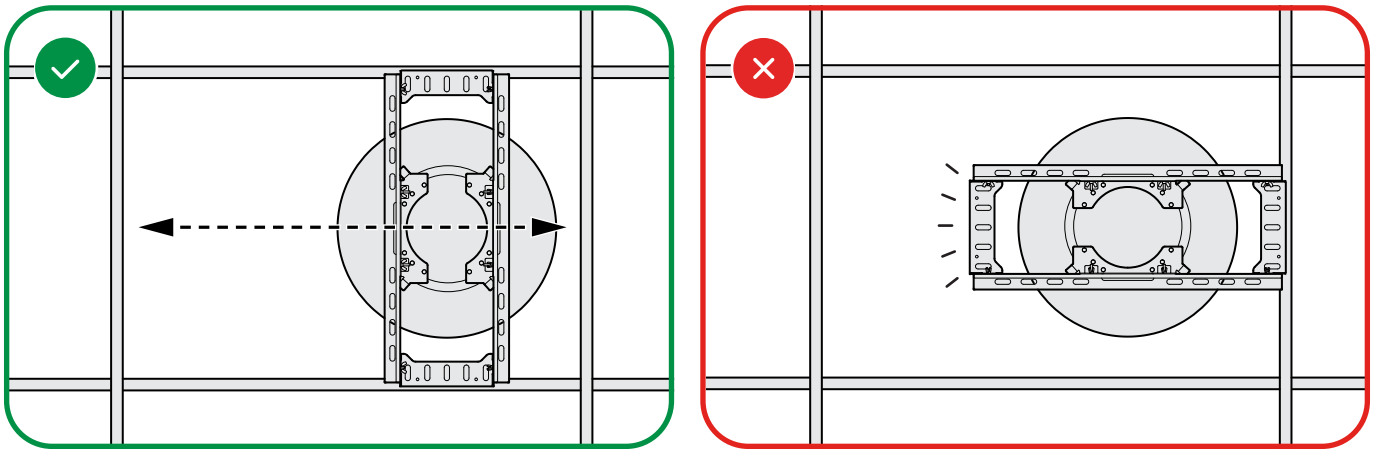


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A

Colocação fora do centro

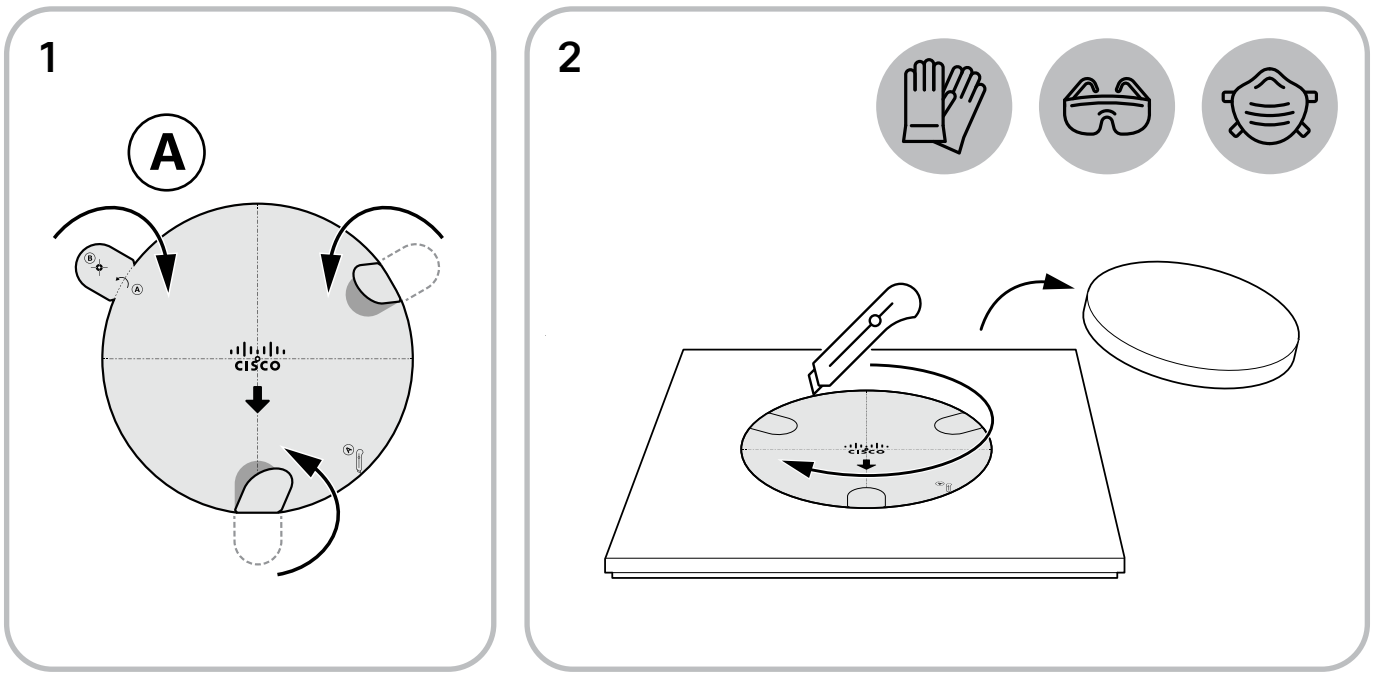
Se pretender instalar o microfone descentralizado, posicione a estrutura de montagem de forma a assentar nas barras em T do teto falso.



Direção flexível da estrutura com microfone.

1 Prepare a placa do teto.

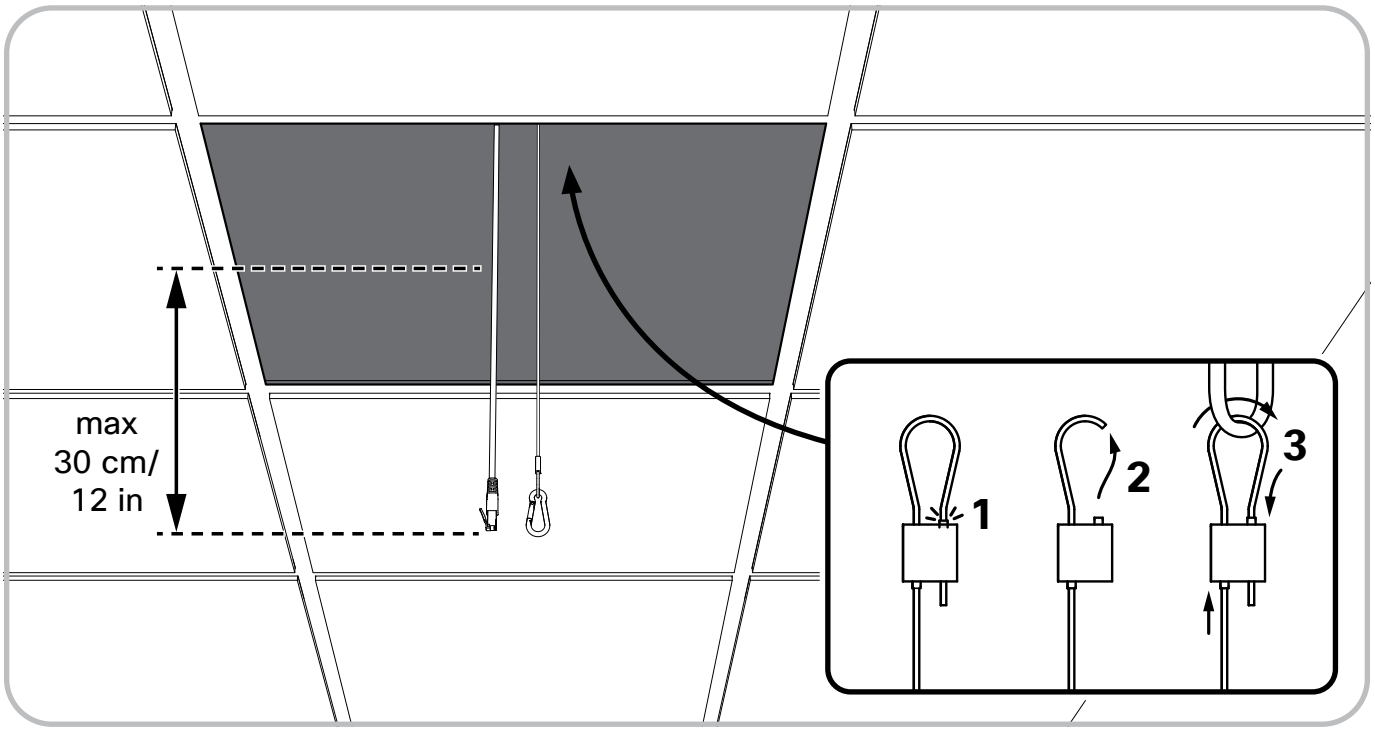
Remova a placa do teto e use o modelo para fazer um orifício.



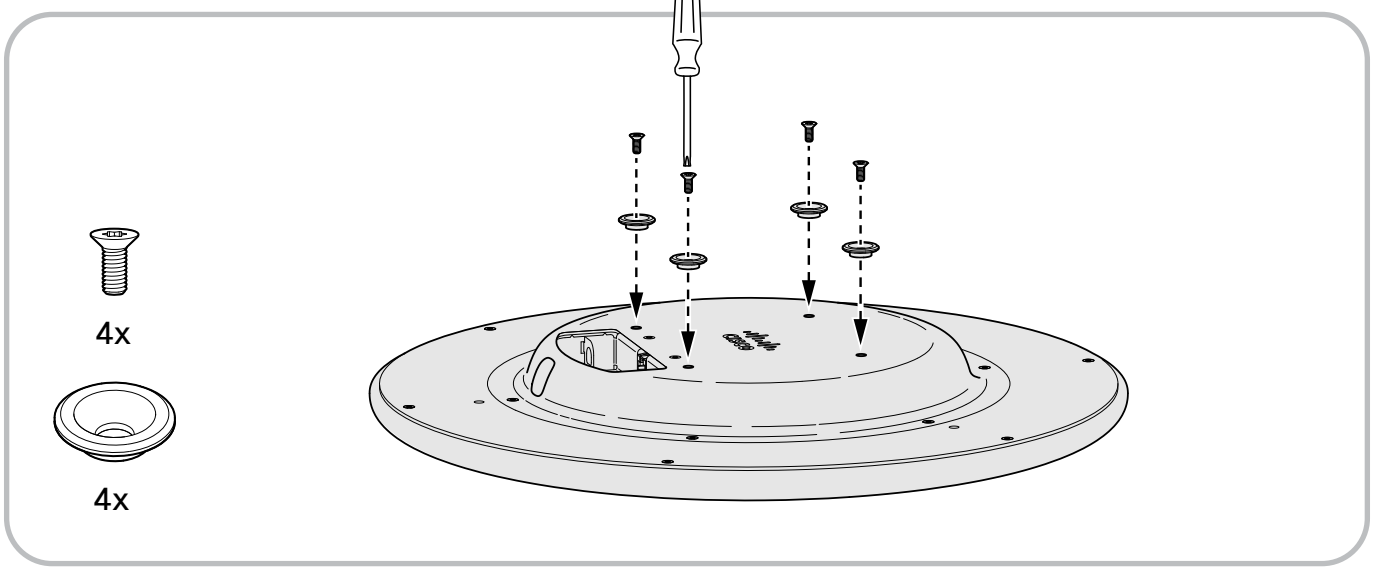
A

2 Prepare a ligação de segurança e o cabo Ethernet.

Aperte a ligação de segurança a um ponto seguro acima das placas do teto de forma que o gancho fique suspenso a 30 cm/12 in do teto.



3 Instale os quatro discos de interface no microfone.

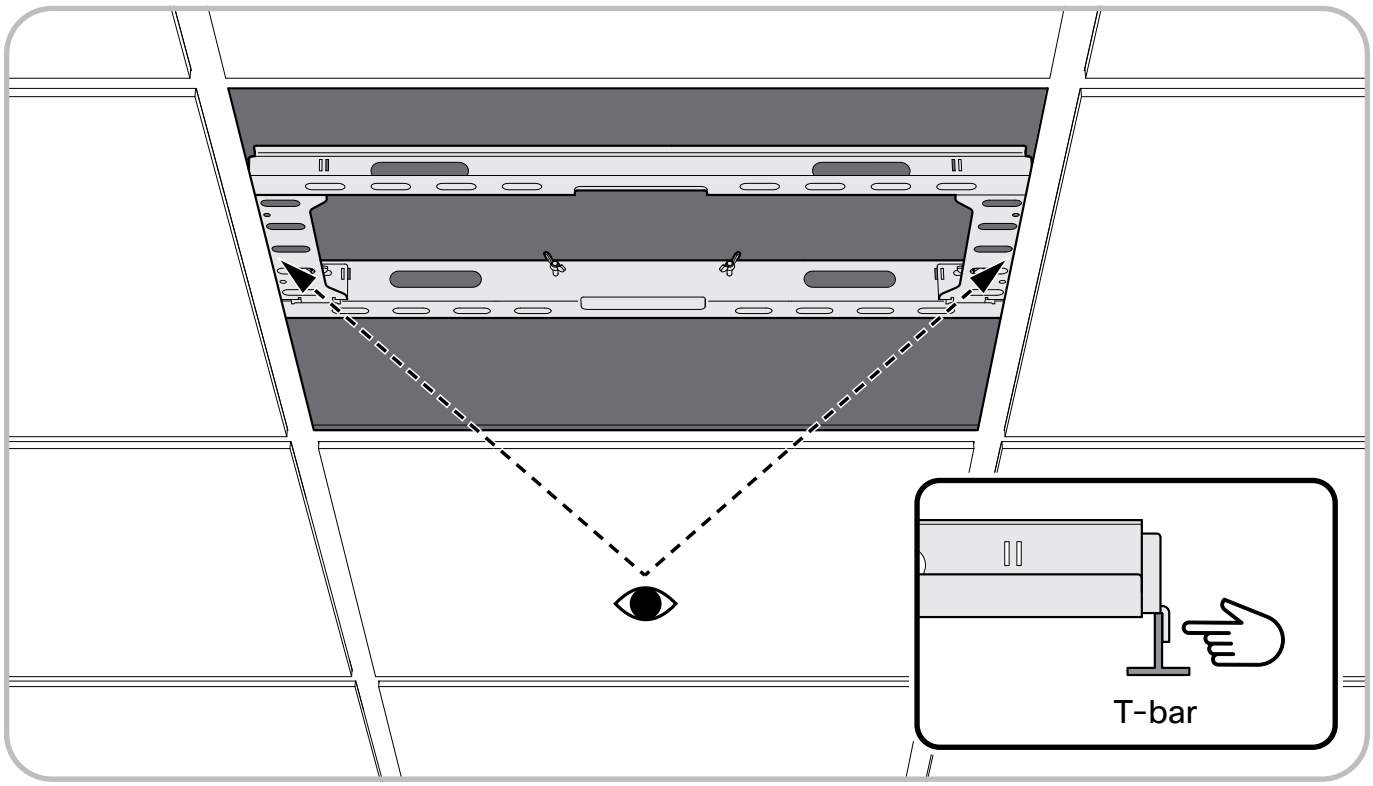


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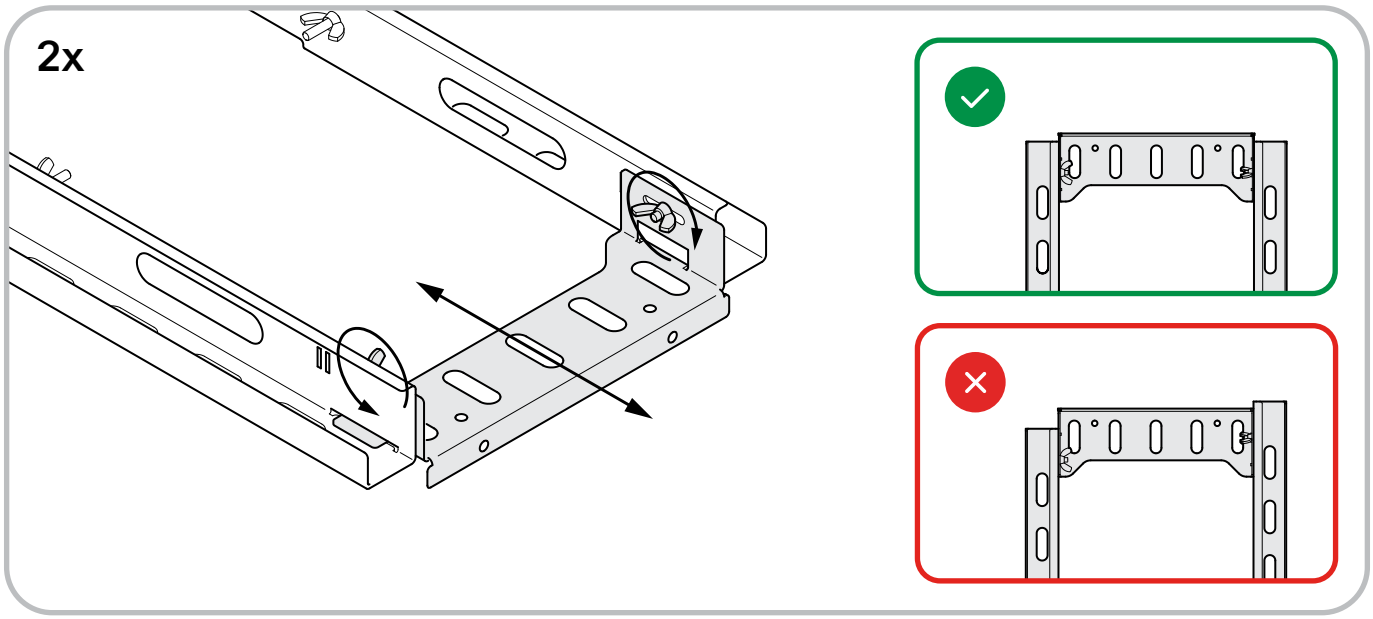
A

4 Ajuste a estrutura.

Coloque a estrutura temporariamente em cima das barras em T e ajuste até engatar nas barras em T. Aperte as porcas borboleta. Em seguida, retire a estrutura.



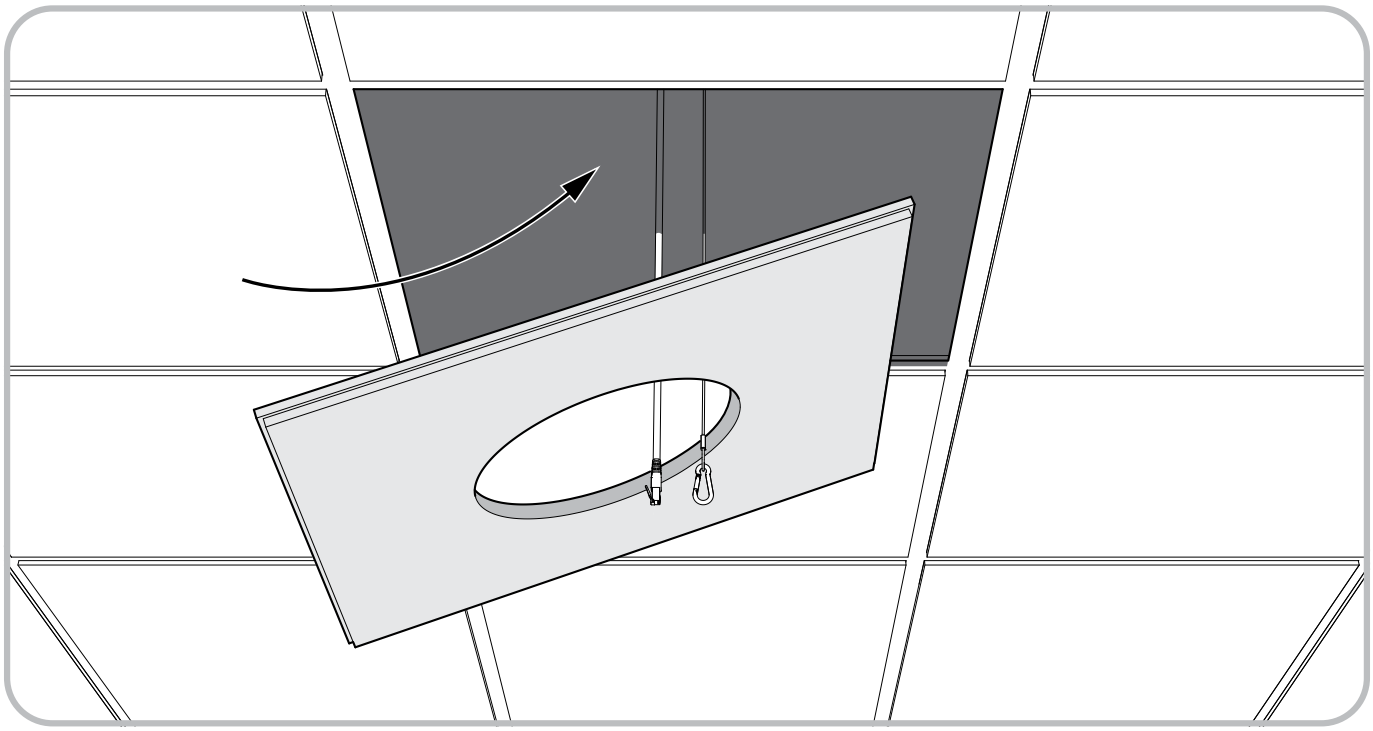
⚠ Certifique-se de que as calhas estão alinhadas uniformemente.



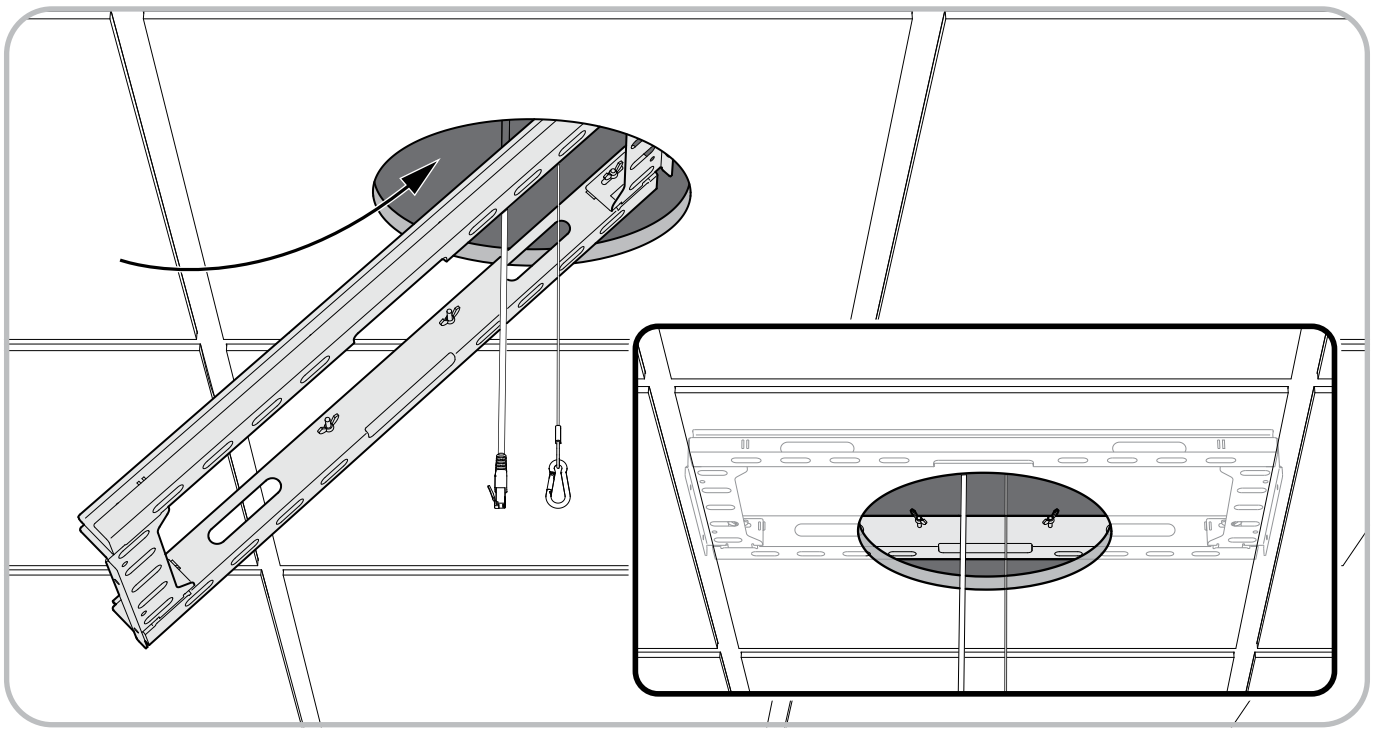
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5 Volte a colocar a placa.



6 Coloque a estrutura firmemente nas barras em T.

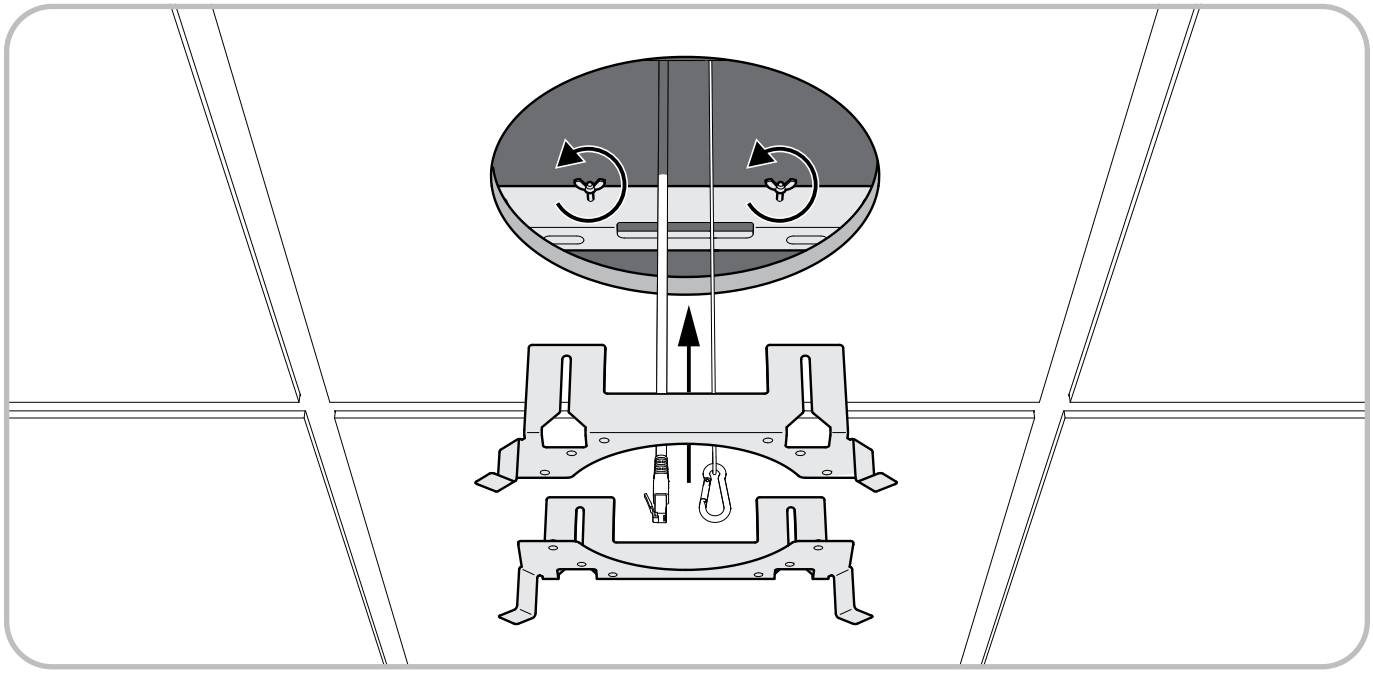


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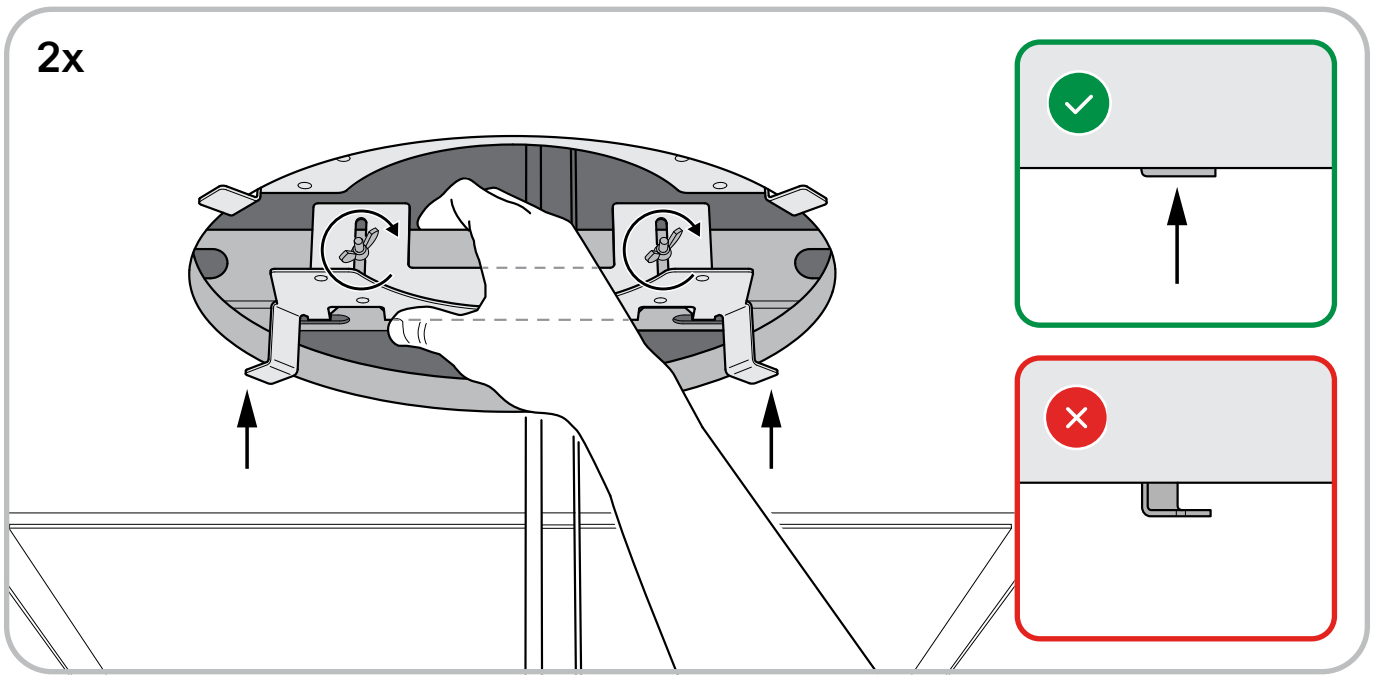
A

7 Fixe os suportes.

Desaperte as porcas borboleta da estrutura e coloque um suporte de cada lado da estrutura.



Ajuste a altura do suporte de forma a que os ganchos fiquem alinhados com o exterior da placa do teto. Aperte as porcas borboleta da estrutura com firmeza.

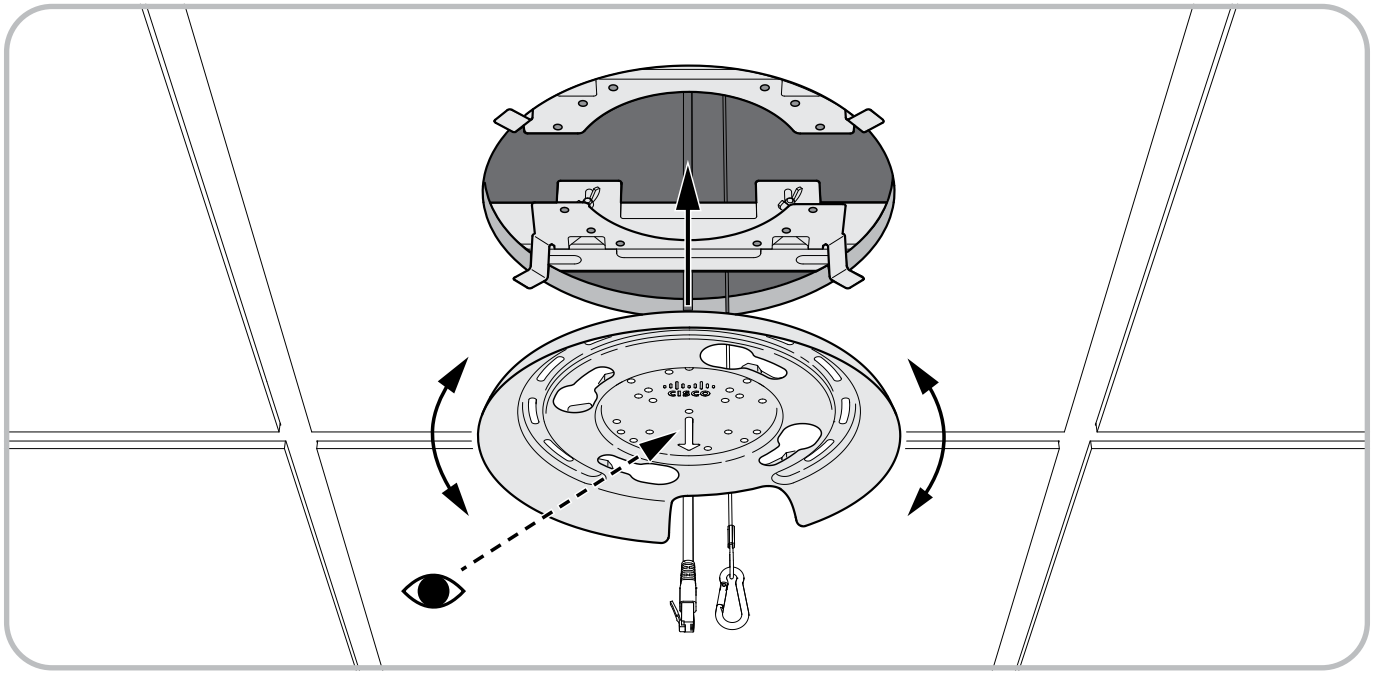


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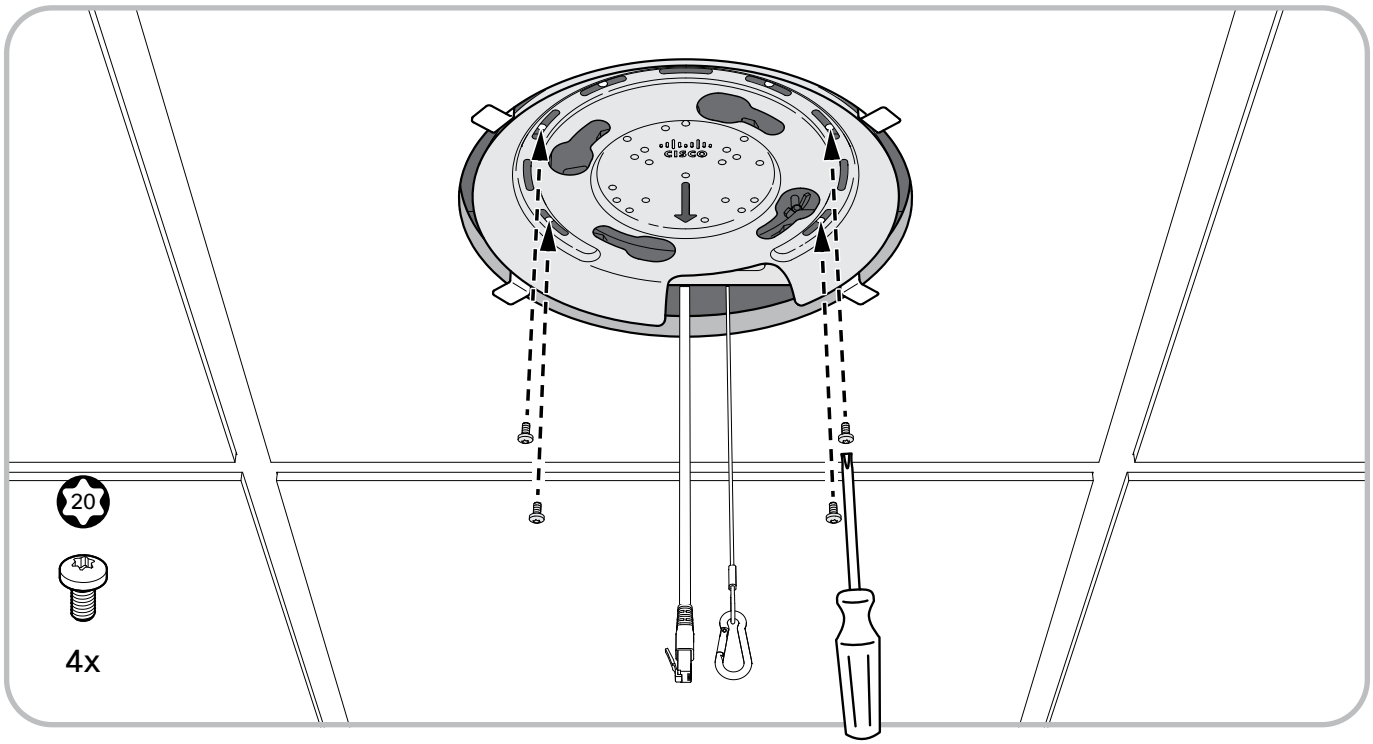
A

8 Monte a taça.

Posicione a taça de forma que a seta aponte para o ecrã principal. Certifique-se de que os cabos passam pela calha.



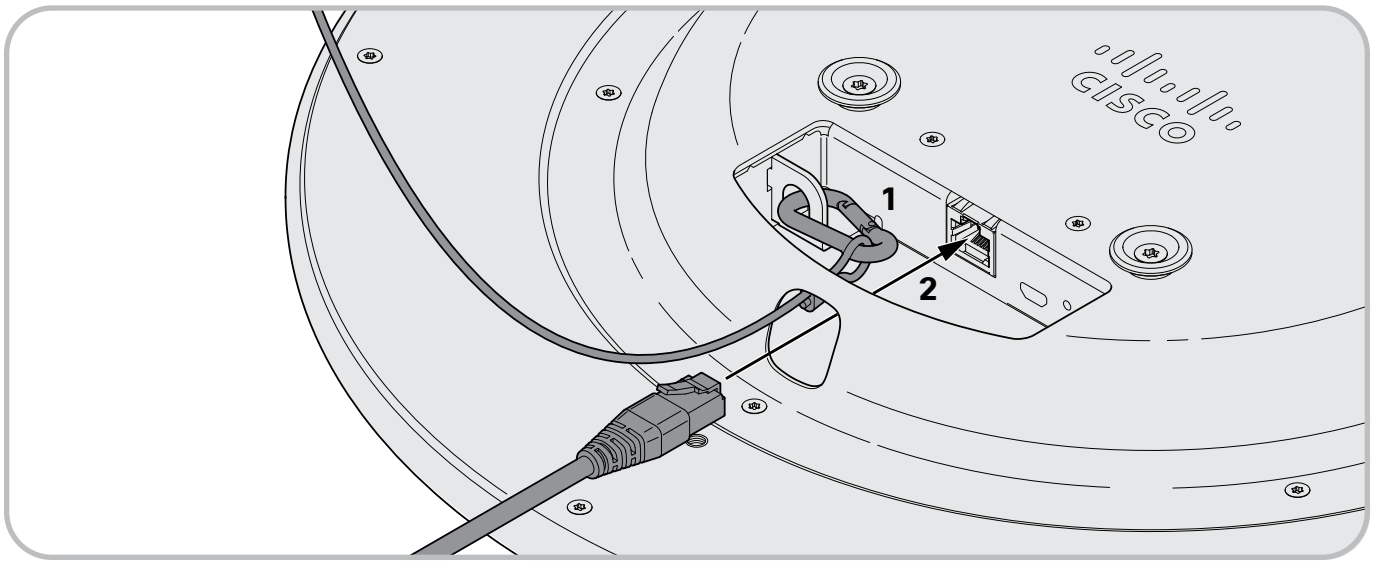
Aperte a taça nos quatro dos orifícios da estrutura. Se os quatro orifícios não estiverem alinhados, reveja o passo 4.



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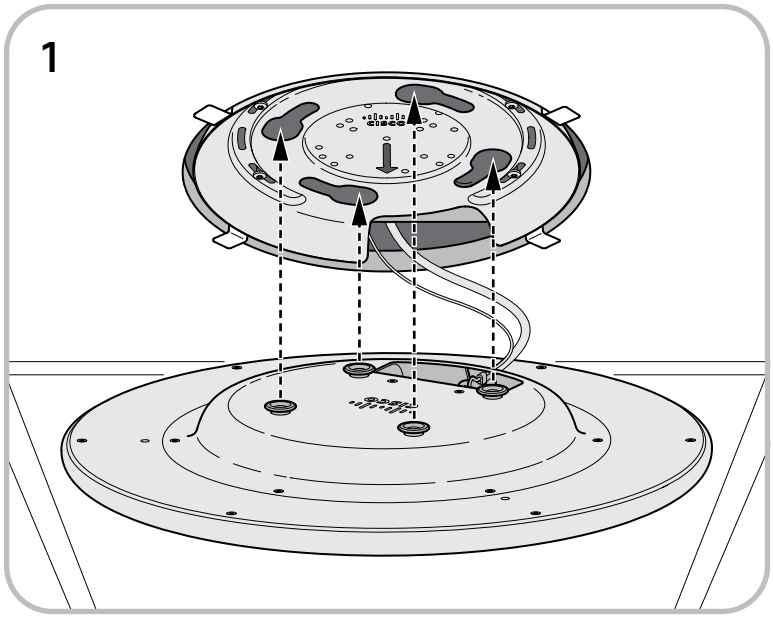
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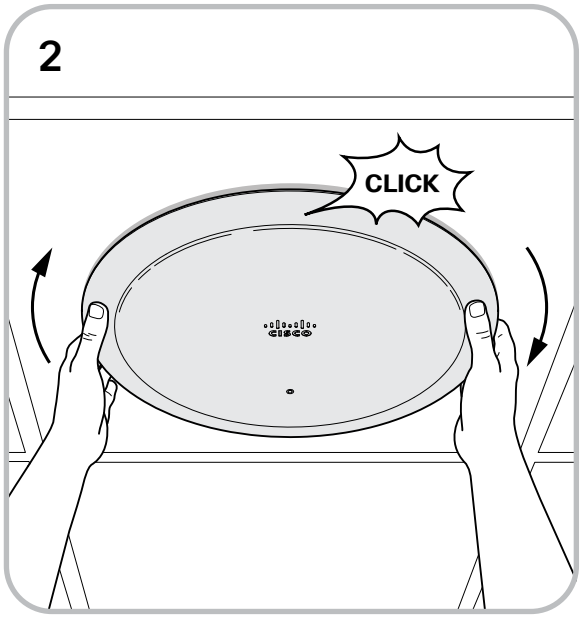
9 Prepare a ligação de segurança e o cabo Ethernet.



10 Conecte o microfone.

Coloque o microfone contra a taça para que os discos de interface entrem nos orifícios. Rode o microfone no sentido dos ponteiros do relógio até ouvir um clique. Tenha cuidado para não empurrar a placa do teto para fora do lugar.





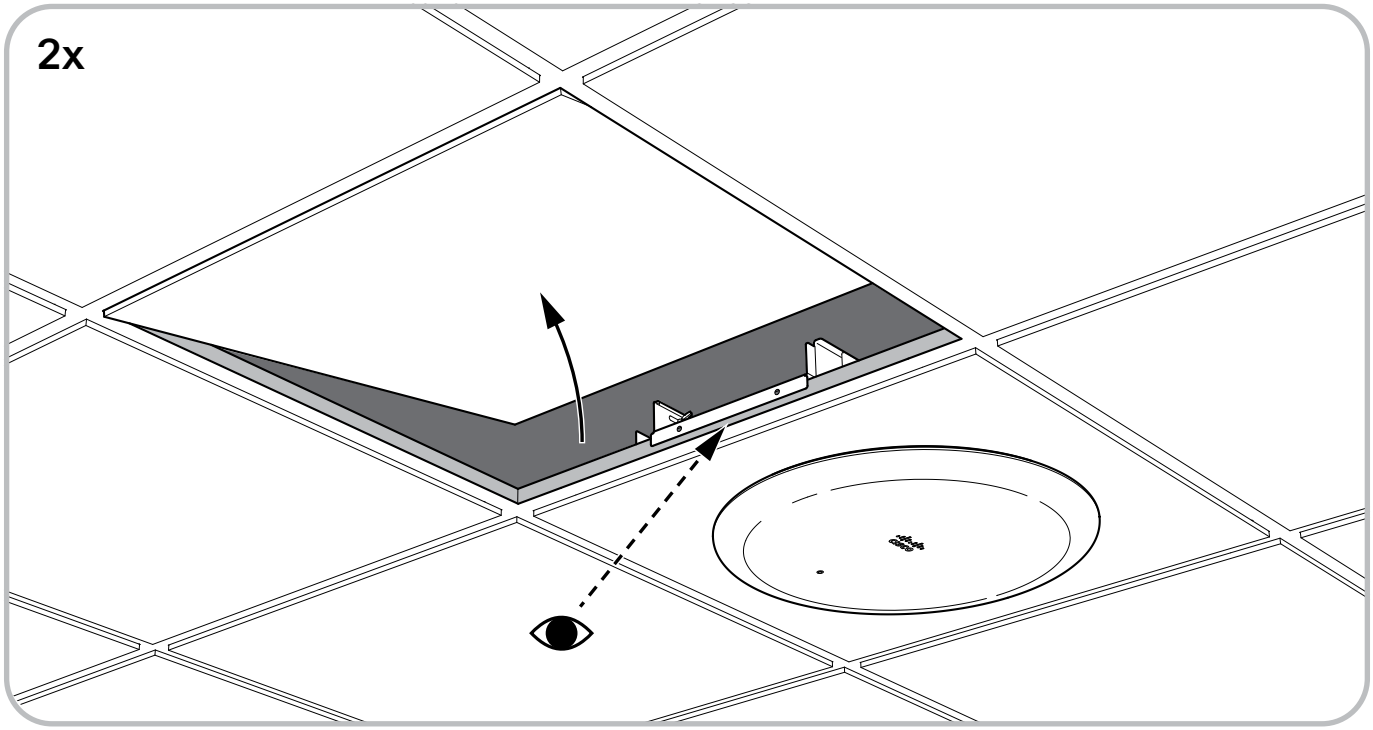
Se decidir remover o microfone, rode-o no sentido contrário ao dos ponteiros do relógio até que se desligue da taça.

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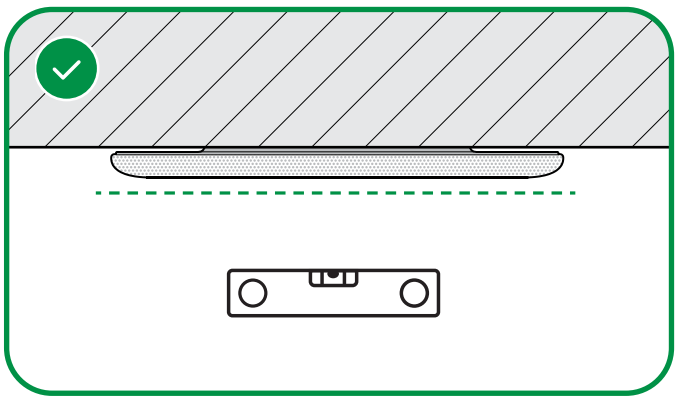
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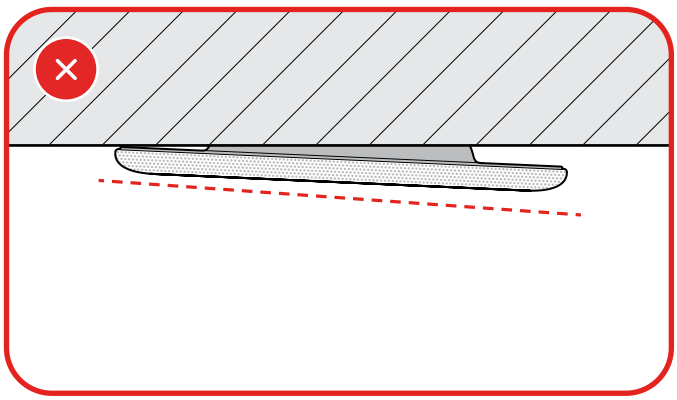
11 Certifique-se de que o posicionamento está correto.

⚠ Levante o ladrilho adjacente para verificar se a estrutura está na posição correta.



⚠ Certifique-se de que o microfone está alinhado com a placa do teto a toda a volta.



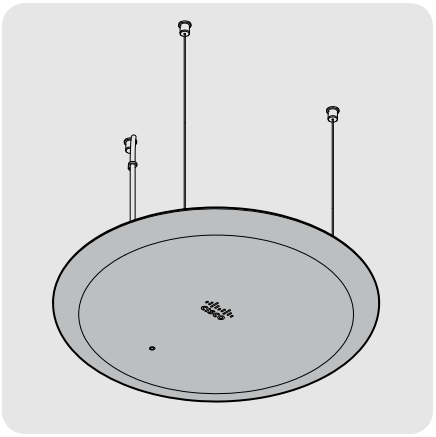


12 Continue configuração.

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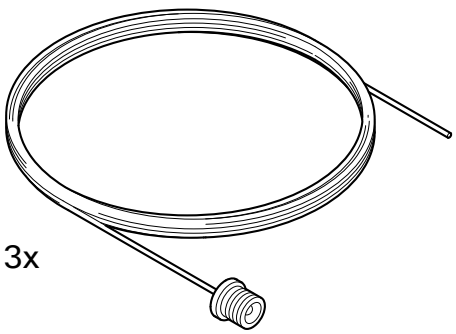
B Suspensão do fio

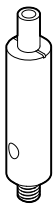


Antes de começar:

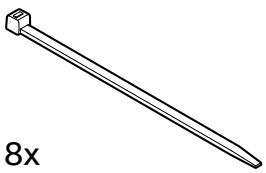
- Leia as diretrizes de preparação da divisão.
- O microfone pesa 2.7 kg/5 lbs. Certifique-se de que o teto pode suportar o produto com segurança.
- Forneça os parafusos e fixadores adequados.
- Considere a colocação do cabo Ethernet.
- Certifique-se de que tem o kit de montagem aqui apresentado:

Kit de montagem de suspensão com fios
CS-MIC-CLGP-WHK









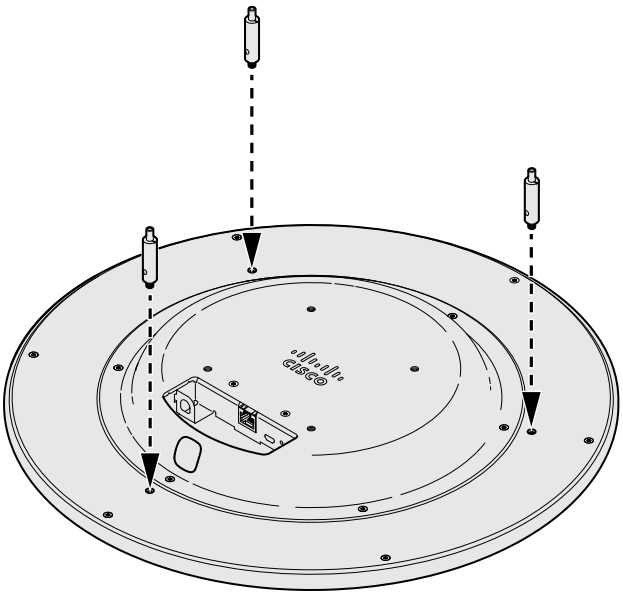
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B

1 Instale as pinças de três fios no microfone.

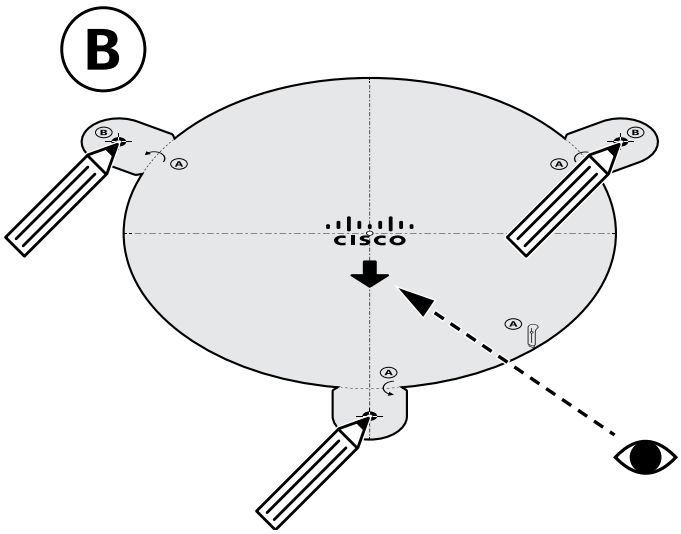


3x



2 Marque o local onde apertar os três fios.

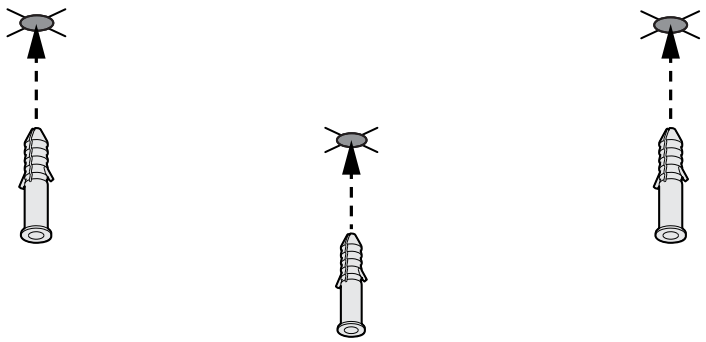
Coloque o modelo de perfuração no teto com a seta a apontar para o ecrã principal.

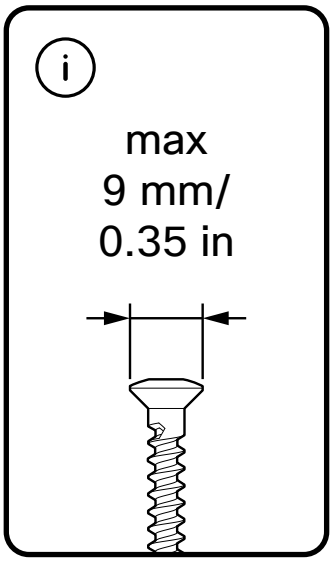


B

3 Faça os furos.

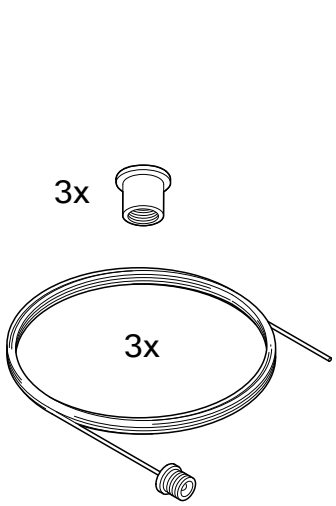
Dependendo do tipo de teto, pode ser necessária a utilização de tampões.

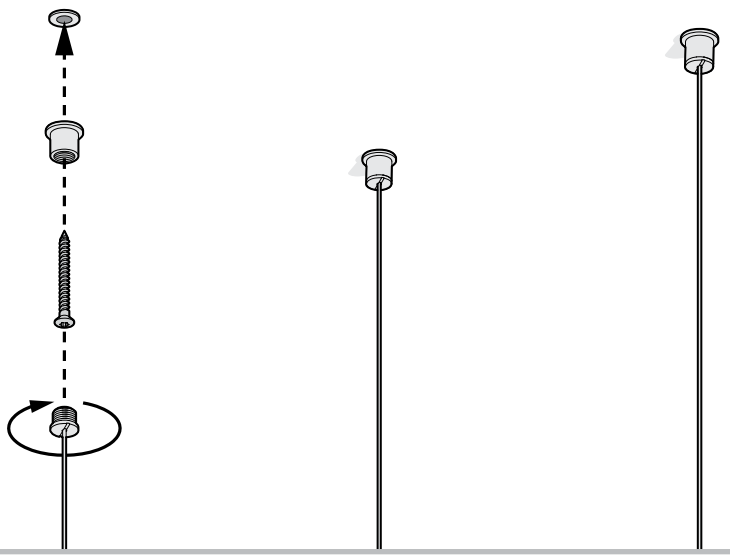




4 Fixe os fios ao teto.

Aparafuse os suportes de teto ao mesmo. Desenrole e fixe os fios aos suportes do teto.



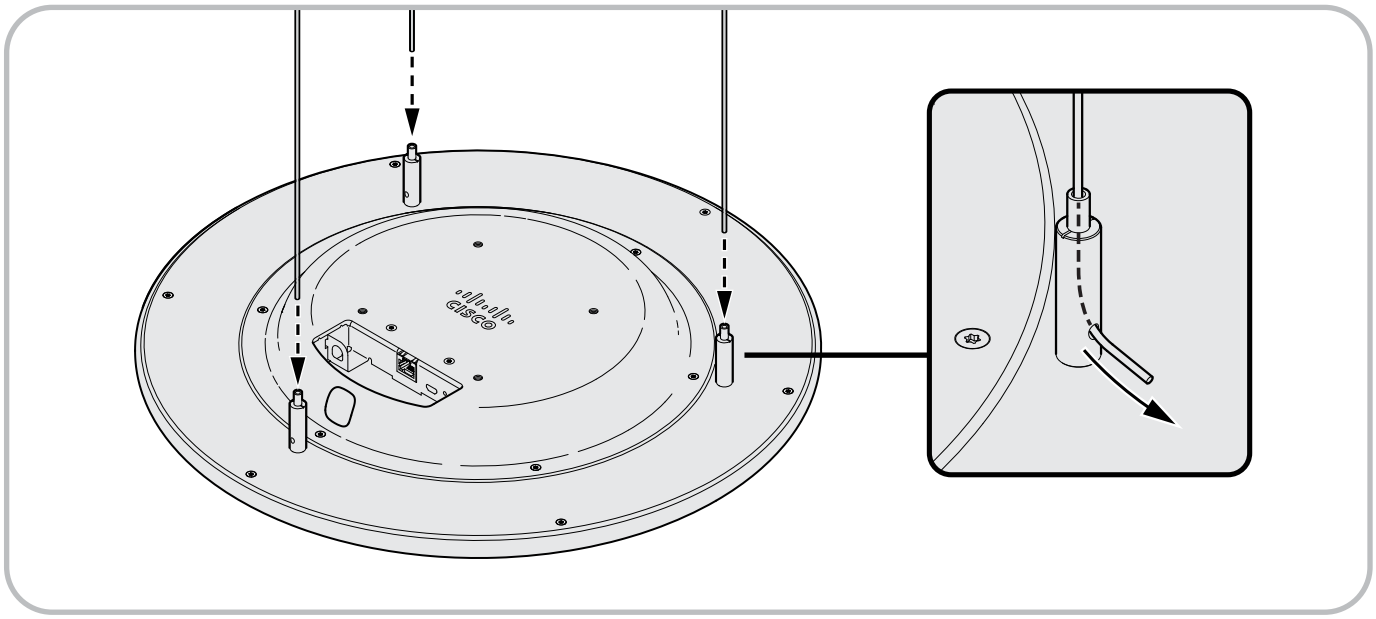


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B

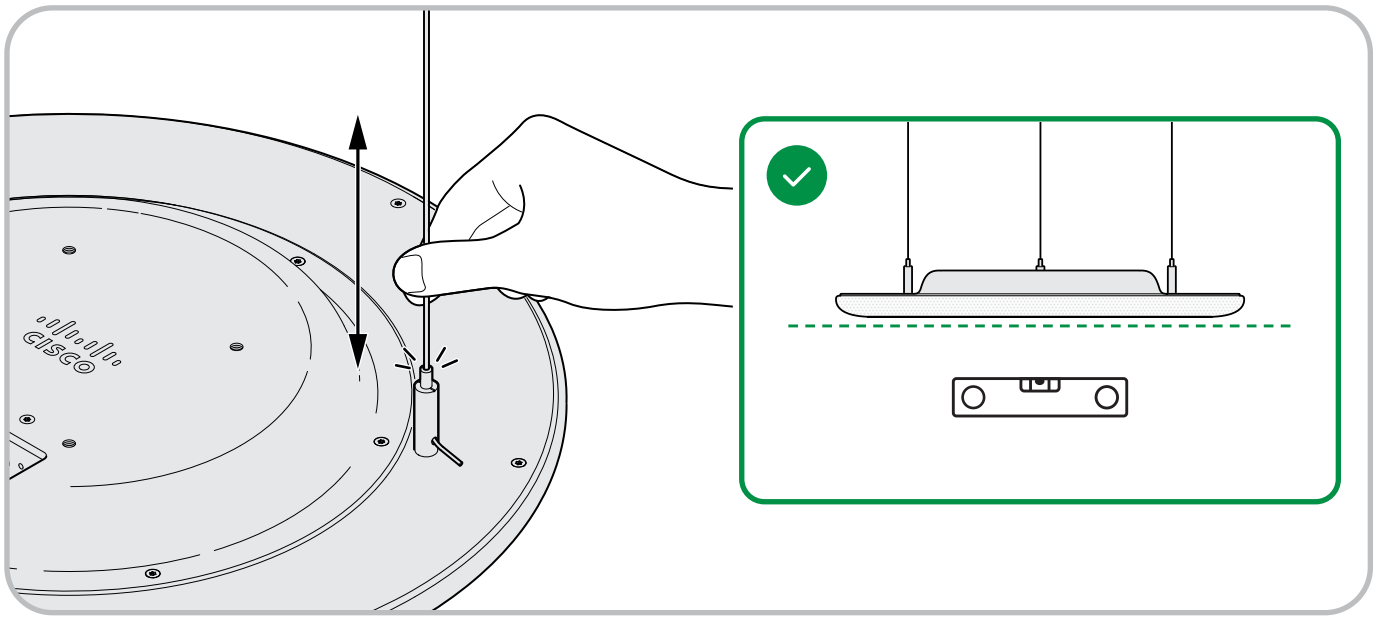
5 Ligue os fios ao microfone.

Coloque o microfone numa superfície plana com a porta Ethernet a apontar para o ecrã principal. Empurre os fios nas pinças dos mesmos.



6 Ajuste a altura do microfone a uma distância de 2–3.5 m/7–12 ft do chão.

Aperte a parte superior da pinça do fio e deslize o fio para cima ou para baixo.

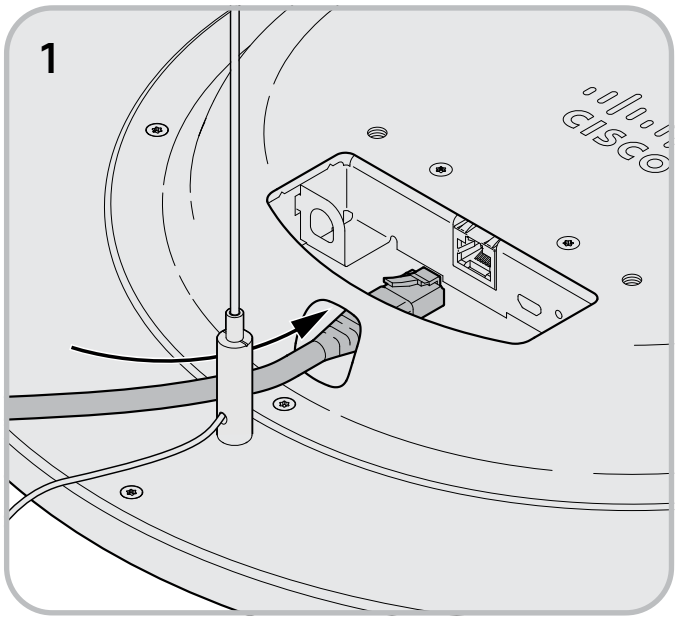


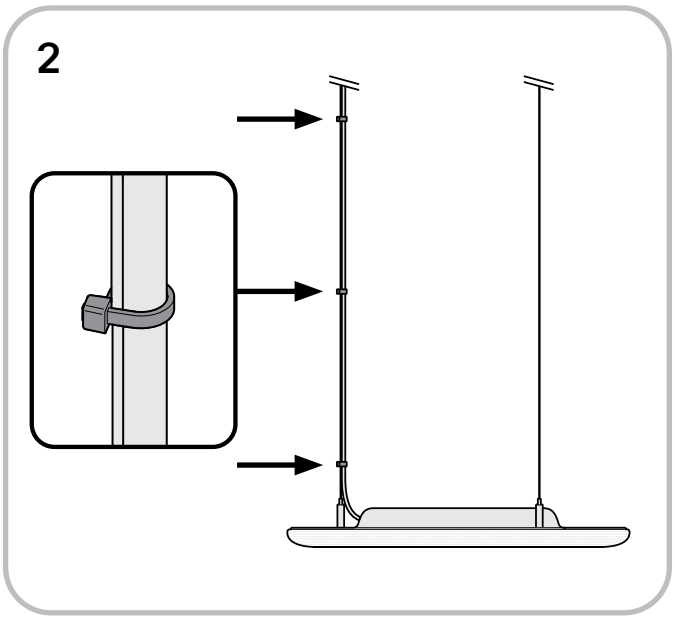
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B

7 Ligue o cabo Ethernet ao microfone.

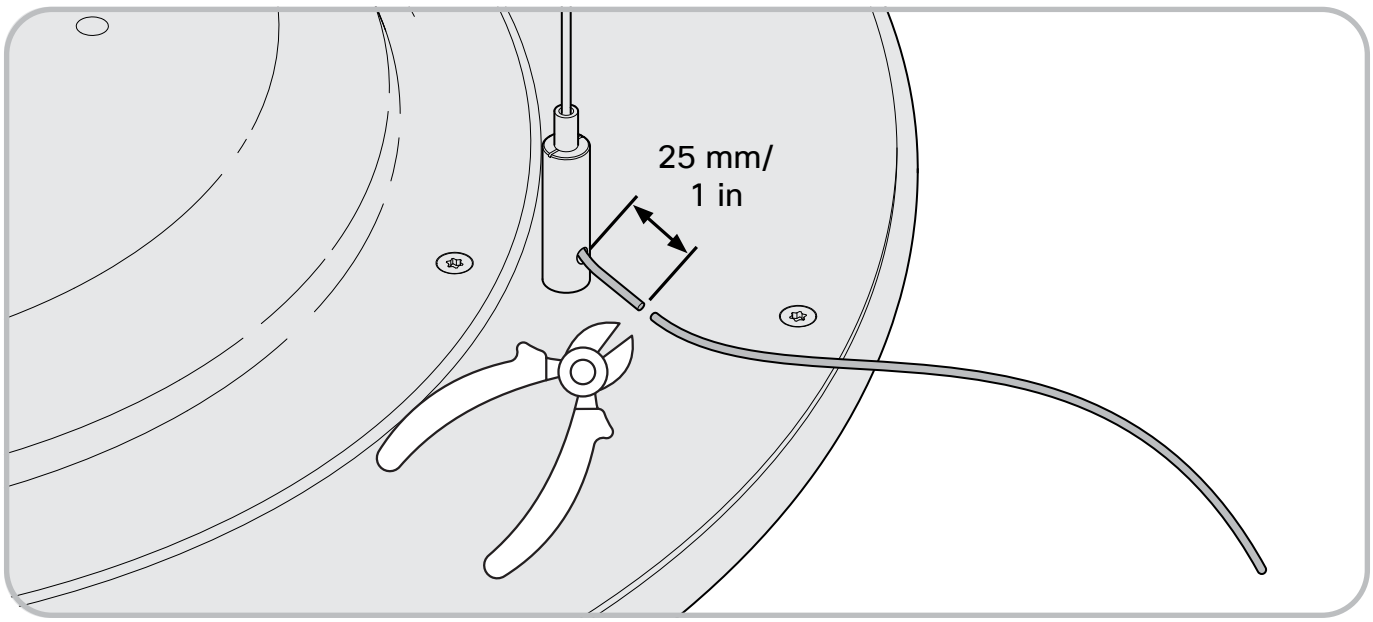
Use abraçadeiras para prender o cabo no fio mais próximo.





8 Corte os fios.

Quando estiver satisfeito com a altura do microfone, corte as extremidades dos fios a 25 mm/1 pol. das pinças dos fios.

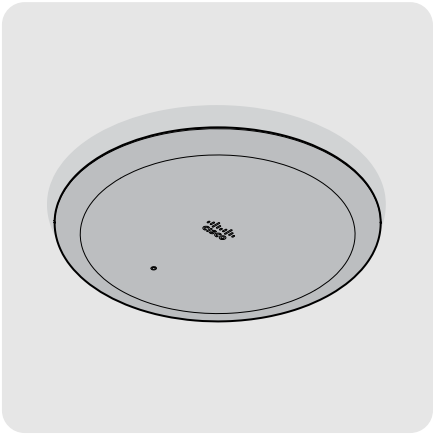


9 Continue configuração.

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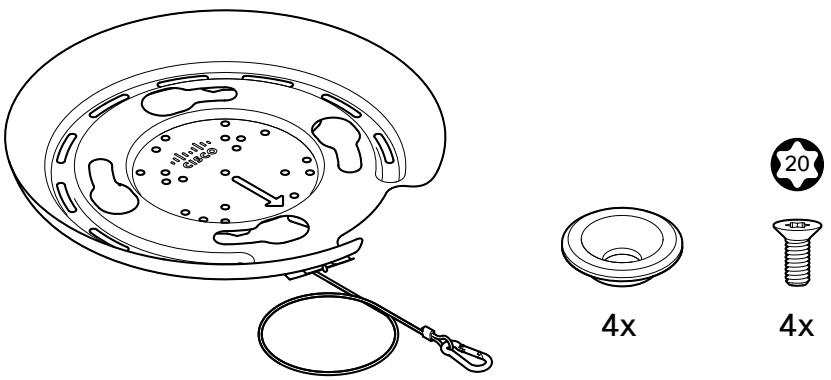
C Teto rígido



Antes de começar:

- Leia as diretrizes de preparação da divisão.
- O microfone com taça e discos de interface pesa 2.8 kg/6 lbs. Certifique-se de que o teto pode suportar o produto com segurança.
- Forneça os parafusos e fixadores adequados.
- Considere a colocação do cabo Ethernet.
- Certifique-se de que tem o kit de montagem aqui apresentado:

Kit de montagem em teto rígido
CS-MIC-CLGP-CBK

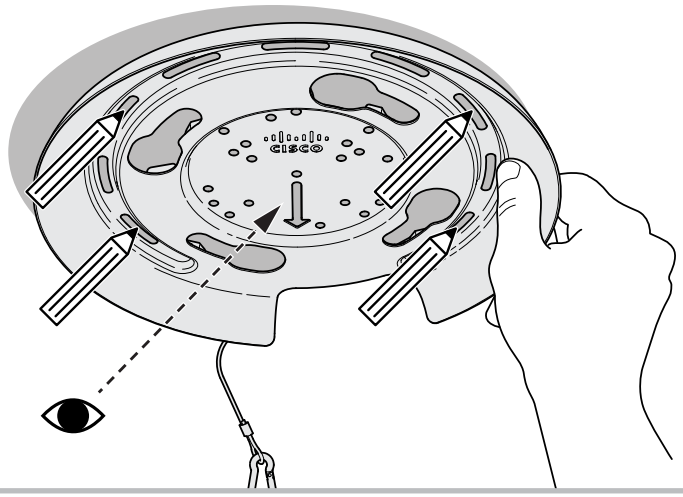


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C

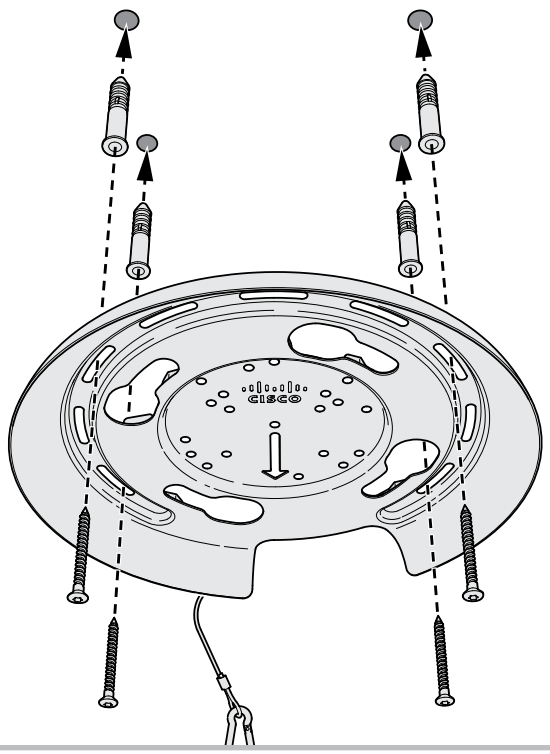
1 Marque onde irão ser colocados os parafusos.

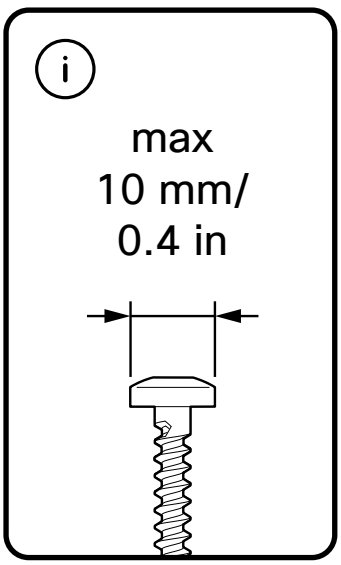
Segure a taça contra o teto com a seta a apontar para o ecrã principal.



2 Faça os furos e monte a taça.

Dependendo do tipo de teto, pode ser necessária a utilização de tampões.

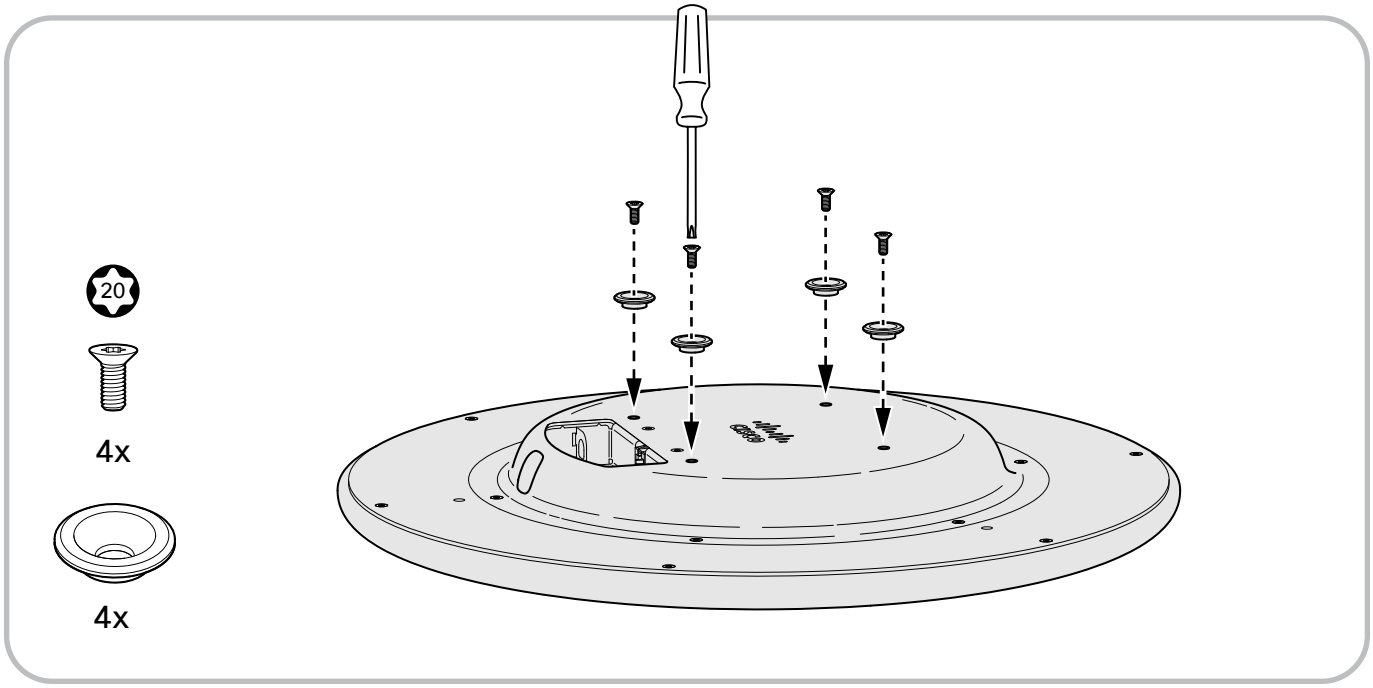




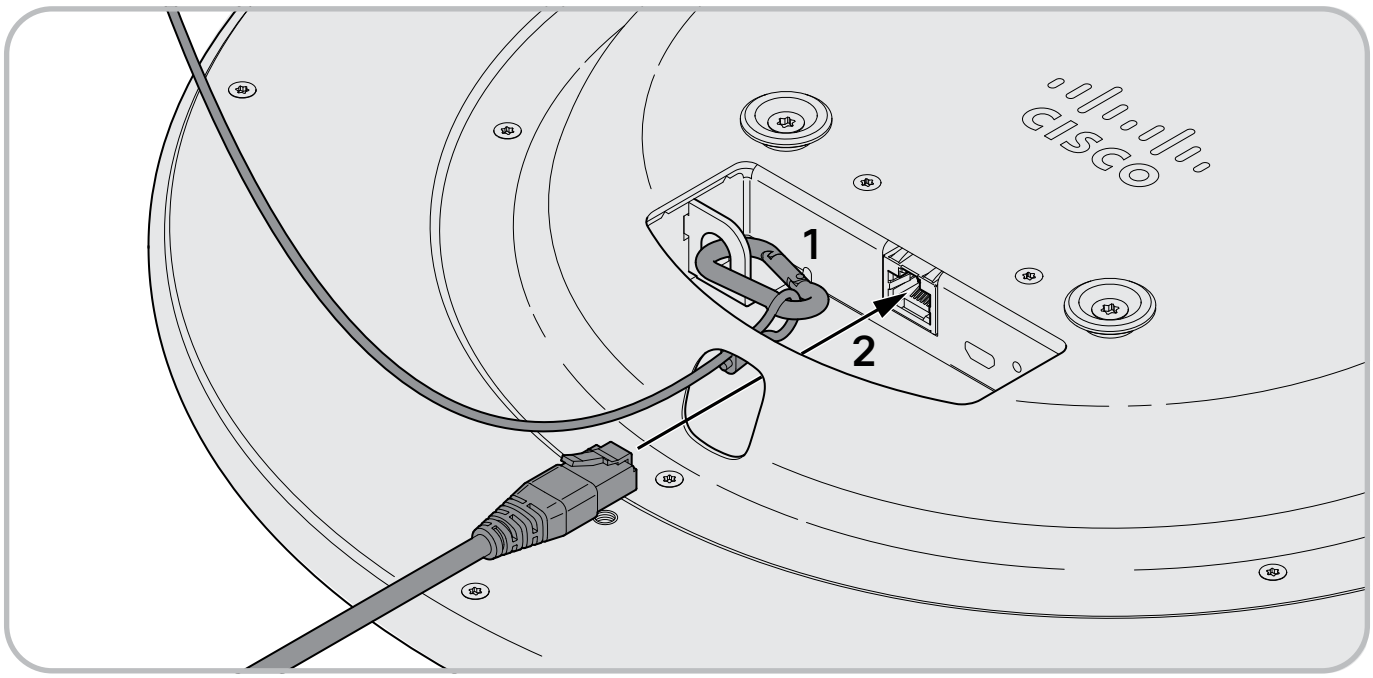
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C

3 Instale os quatro discos de interface no microfone.



4 Prepare a ligação de segurança e o cabo Ethernet.



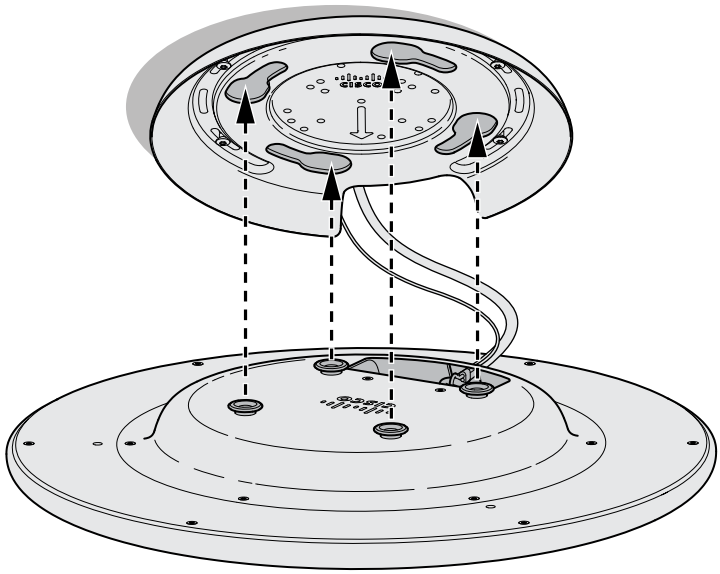
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C

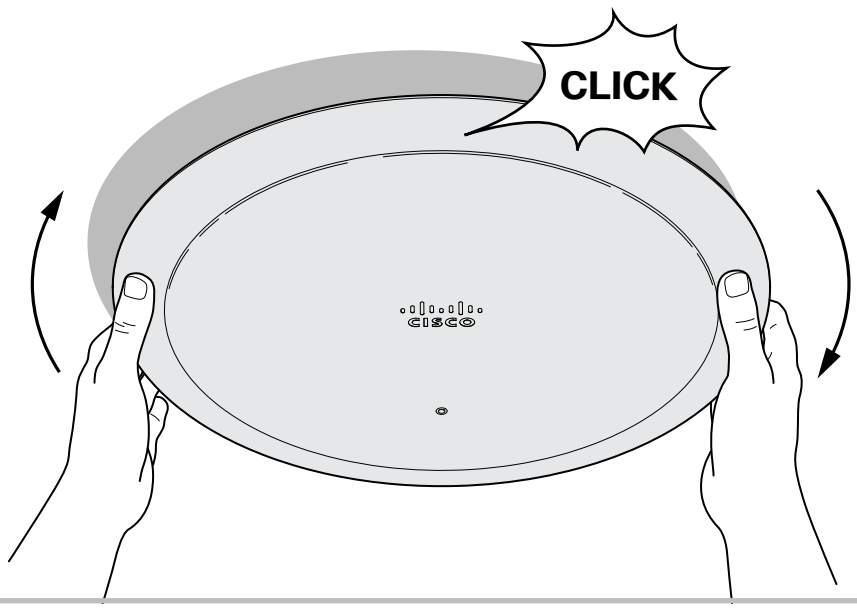
5 Conecte o microfone.

Coloque o microfone contra a taça para que os discos de interface entrem nos orifícios. Rode o microfone no sentido dos ponteiros do relógio até ouvir um clique.

1



2



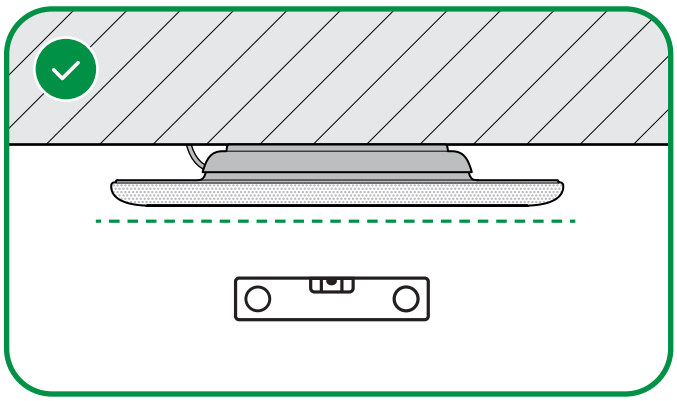
Se decidir remover o microfone, rode-o no sentido contrário ao dos ponteiros do relógio até que se desligue da taça.

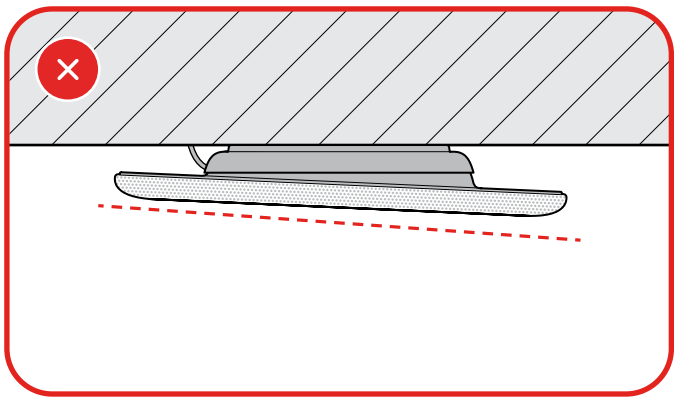
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C

6 Certifique-se de que o posicionamento está correto.

⚠ Certifique-se de que o microfone está alinhado com o teto em toda a volta.





7 Continue configuração.

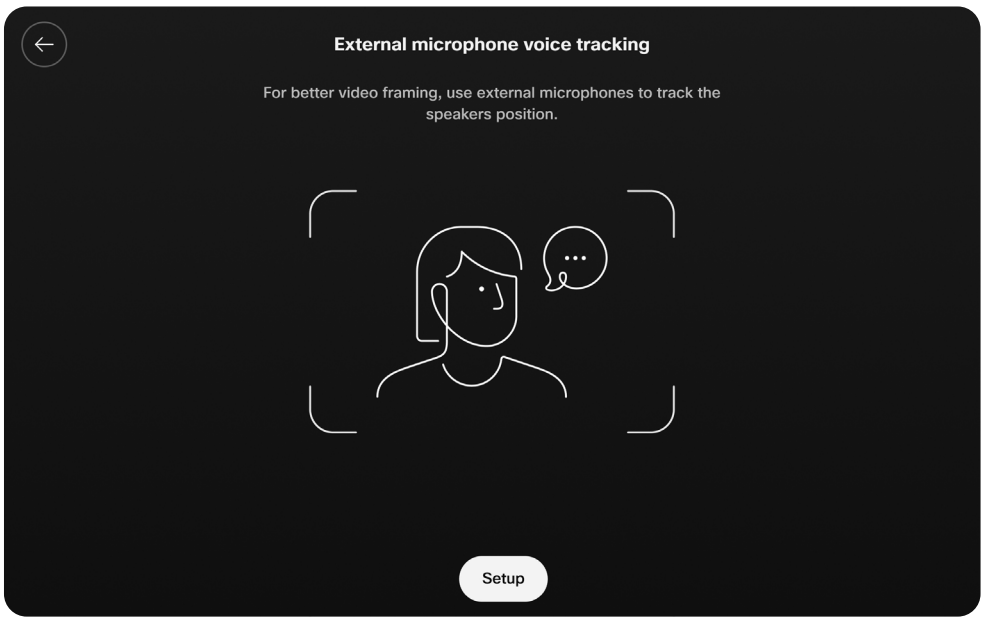
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Configuração do microfone

Ligue o microfone ao interruptor PoE ou à porta no sistema de vídeo. Quando o microfone estiver ligado, execute a configuração “Rastreio de voz do microfone externo” a partir do menu de definições do dispositivo no controlador tátil:

1. No ecrã inicial do controlador tátil, abra o painel de controlo.
2. Toque em Definições do dispositivo. Deslize para baixo e toque em Microfone.
3. Selecione “Rastreio de voz do microfone externo” e toque em Configurar.



Ao iniciar o microfone, o LED virado o utilizador à frente, mostra uma luz branca constante. Durante a configuração, o LED piscará na cor branca ao conectar ou executar atualizações. Quando essas operações são concluídas, o LED apaga-se.

Limpar o microfone

⚠ Limpe apenas com um pano seco e evite o logótipo da Cisco.



Mais informações

Pode transferir o guia de instalação aqui:

Procure o
Cisco Ceiling Microphone Pro

https://www.cisco.com/go/ceiling-microphone-pro-installation

Visite estes sites para saber mais sobre o seu dispositivo:

help.webex.com

cs.co/webexadoption

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Contenuto della guida

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Contenuto della confezione e strumenti 120

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Scegliere il tipo di montaggio 124

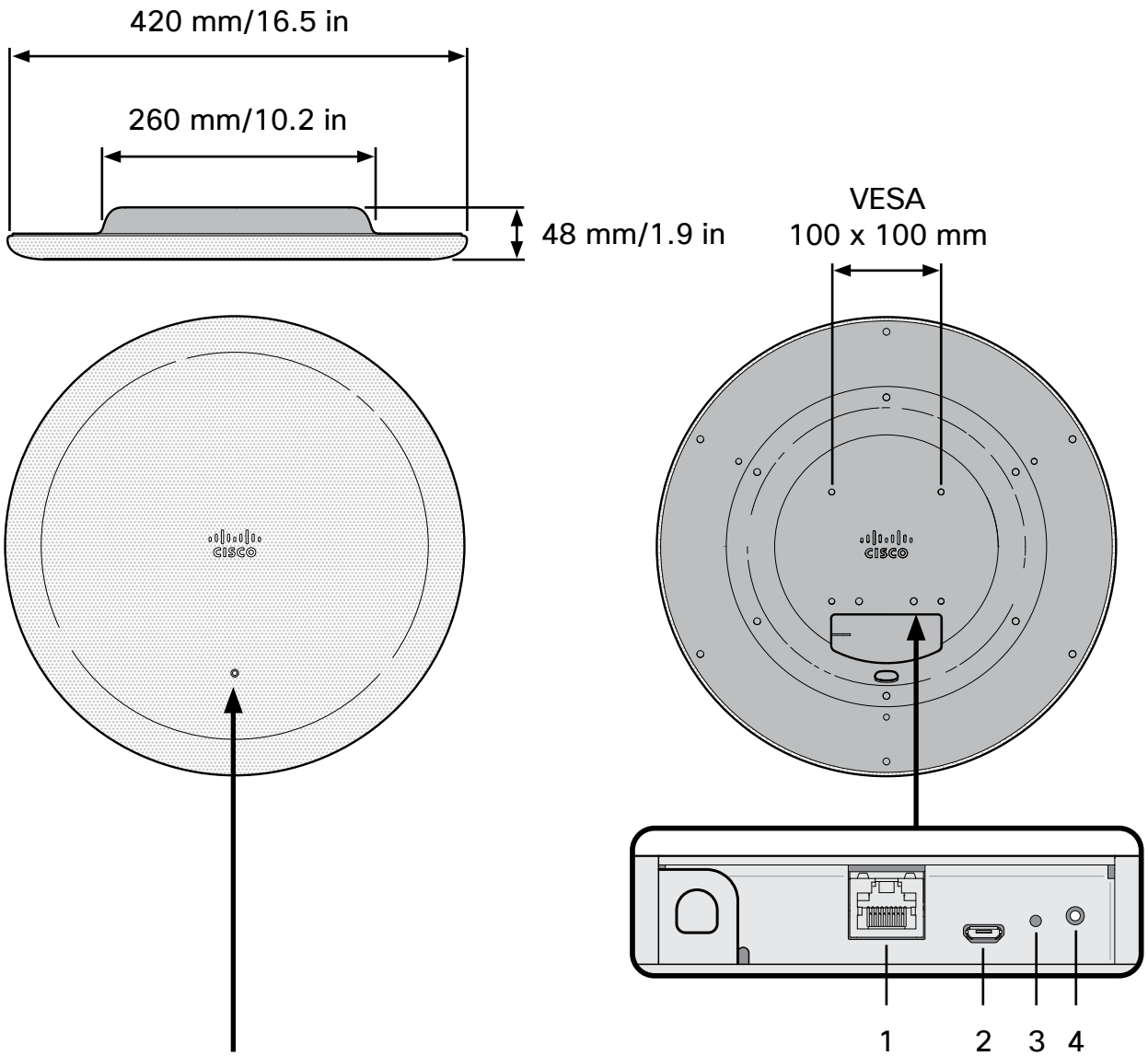
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- B. Sospensione con cavo 134
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Dimensioni e funzionalità



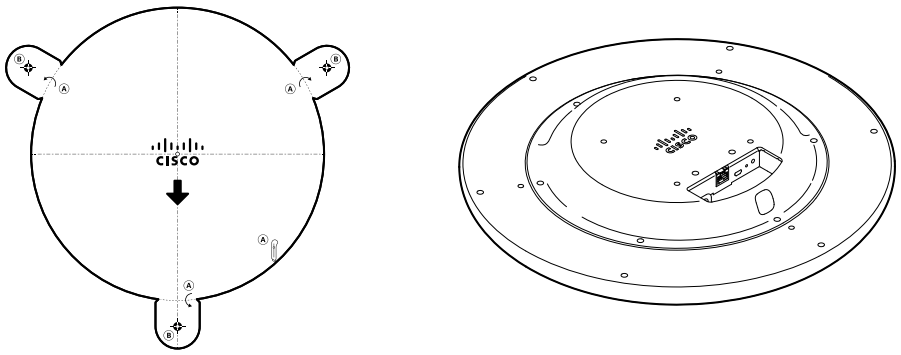
LED di stato del microfono

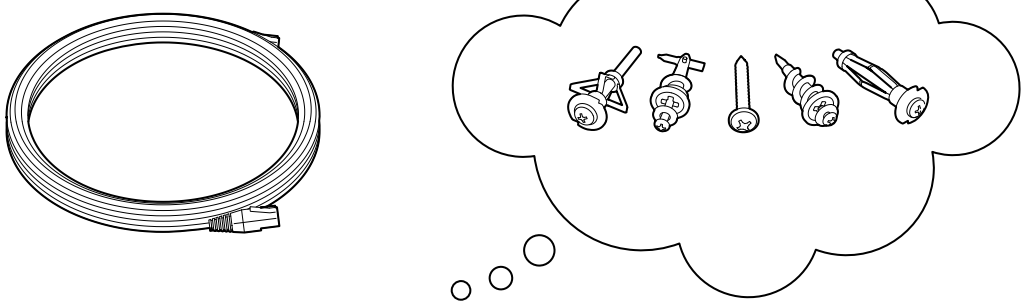
- Verde: chiamata in corso, ACCESO
- Rosso: chiamata in corso, DISATTIVATO
- Bianco: modalità configurazione

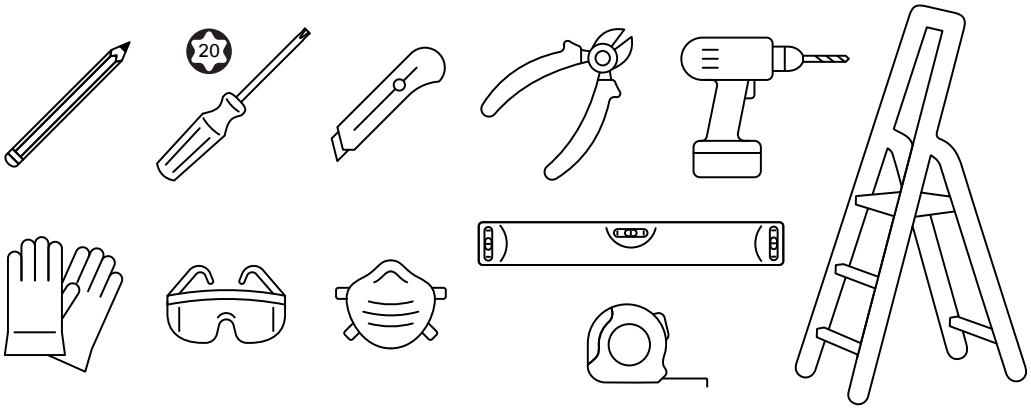
Pannello dei connettori

1. Ethernet (PoE)
2. Manutenzione
3. Ripristina
4. Indicatore di alimentazione

Contenuto della confezione e strumenti







Preparazione della sala

Distanze

Le figure 1, 2 e 3 illustrano le linee guida per il posizionamento del microfono. Per garantire la conformità alle presenti linee guida, utilizzare uno dei kit di montaggio di Cisco Ceiling Microphone Pro indicati in questo documento.

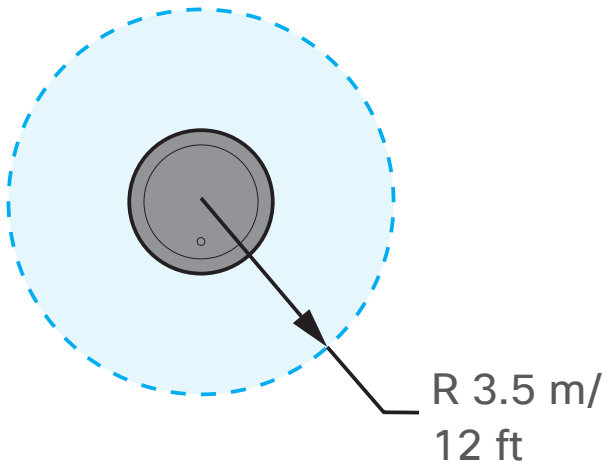


Fig. 1: Portata ottimale massima

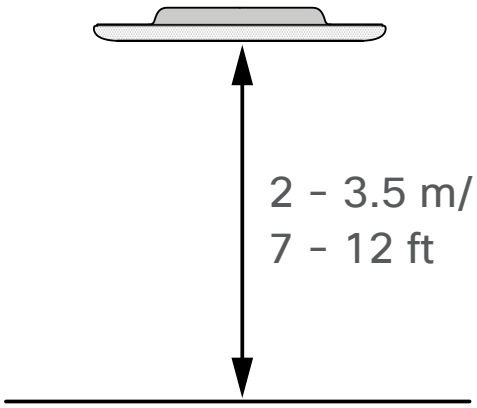


Fig. 2: Distanza dal piano

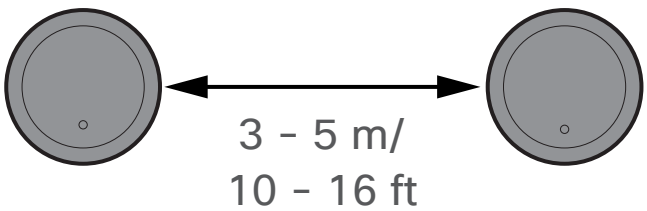


Fig. 3: Distanza tra i microfoni

Posizionamento rispetto ai partecipanti

Il numero di Ceiling Microphone Pro necessari per una copertura ottimale dipende dalle dimensioni, dalla disposizione e dall'acustica della sala. Quando si installano i microfoni, assicurarsi che tutti i partecipanti siano di fronte ad almeno un microfono.

Se si installa un solo microfono, consigliamo di installarlo verso la parte anteriore del tavolo anziché al centro (figura 4). In questo modo tutti i partecipanti, inclusi coloro che occupano le prime file, sono orientati verso il microfono quando si rivolgono al sistema video. Qualora la distanza tra il microfono e i partecipanti risulti eccessiva, consigliamo l'installazione di un secondo microfono (figura 5).

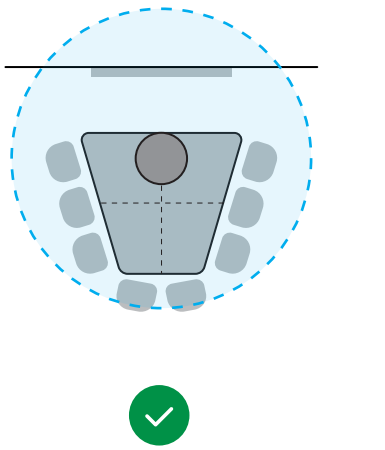


Fig. 4

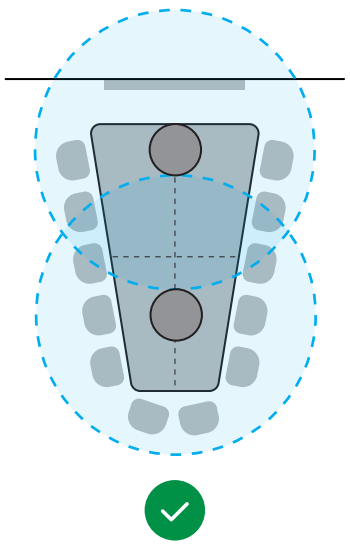


Fig. 5

Un'installazione ottimale rientra in questi limiti. L'acustica della sala ha un impatto significativo sulle prestazioni del microfono e sul livello di degradazione della qualità al di fuori dei limiti stabiliti. In una sala con un'acustica scadente installare il microfono vicino al limite più basso presente nei suggerimenti.

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In abbinamento a sistemi video

Qualora il sistema video sia dotato di microfoni interni per la ricezione della voce, Ceiling Microphone Pro può ampliare la portata del microfono e ottimizzare la ricezione vocale da parte dei partecipanti situati nella parte posteriore della sala (figura 6). Montaggio di Ceiling Microphone Pro al limite del campo di ricezione del microfono del sistema video:

- Cisco Room Bar 3 m/10 piedi
- Cisco Room Bar Pro, Cisco Board Pro 4 m/13 piedi

Per utilizzare Ceiling Microphone Pro con i microfoni interni di Board Pro o Room Bar Pro, eseguire la procedura guidata di monitoraggio della voce del microfono esterno dopo l'installazione.

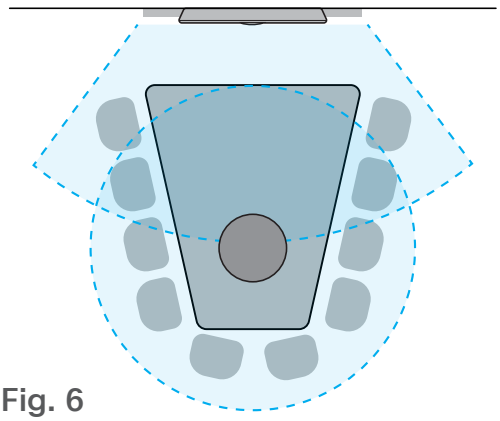


Fig. 6

Altre considerazioni

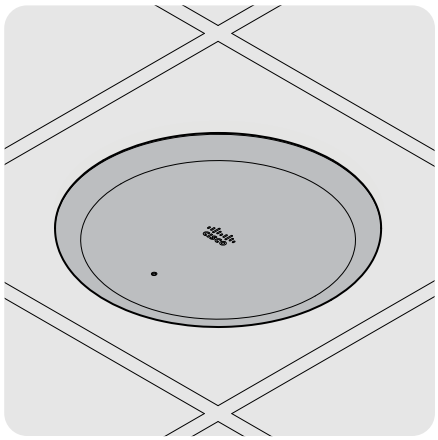
- Accertarsi che non ci siano oggetti sospesi sul soffitto (come lampade, elementi dell'edificio e così via) tra il microfono e tutti i potenziali partecipanti.
- Evitare di posizionare il microfono vicino a fonti di rumore, come il sistema di ventilazione o altri impianti tecnici.
- Consigliamo di non installare il microfono a soffitto vicino agli altoparlanti presenti nella sala.

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Scegliere il tipo di montaggio

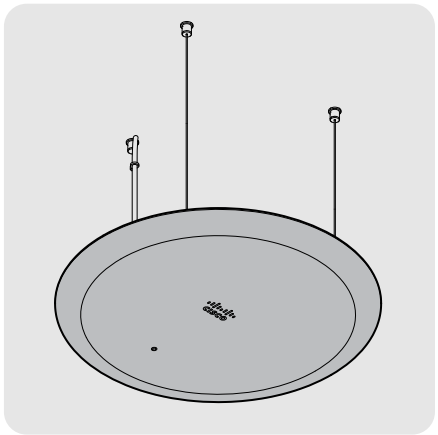
A Griglia per controsoffitto

Pagina 125



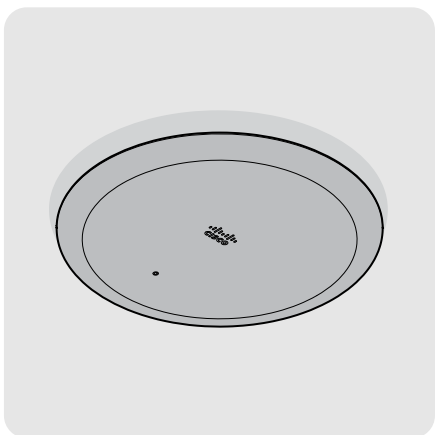
B Sospensione con cavo

Pagina 134



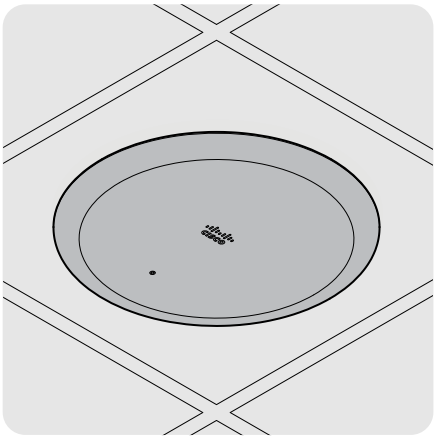
C Soffitto

Pagina 139



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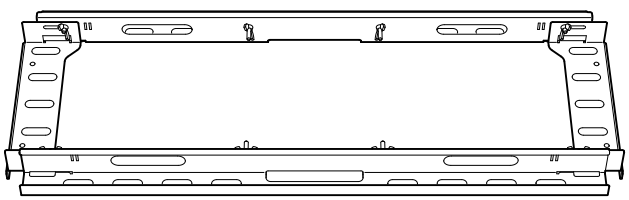
A Griglia per controsoffitto



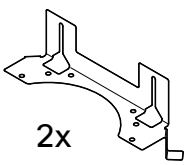
Operazioni preliminari:

- Leggi le linee guida per la preparazione della sala.
- Il microfono con telaio a soffitto pesa 3.5 kg/7 libbre. Assicurarsi che il soffitto possa sostenere il prodotto in modo sicuro.
- Valutare la possibilità di posizionare il cavo Ethernet.
- Assicurarsi di avere il kit di montaggio mostrato qui:

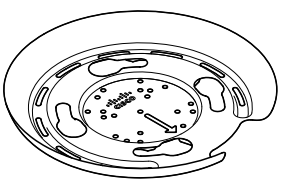
Kit di montaggio con griglia su controsoffitto
CS-MIC-CLGP-DMK

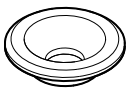


592 - 620 mm
23.3 - 24.4 in



2x





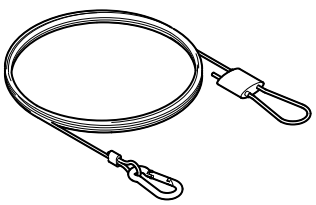
4x



4x



4x

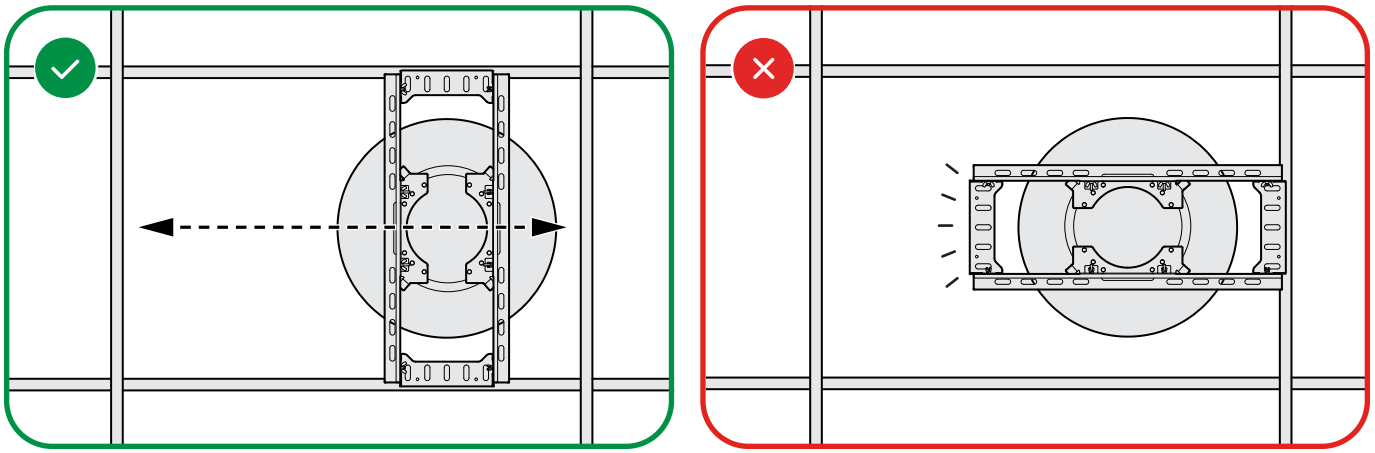


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A

Posizionamento decentrato

Se si desidera installare il microfono decentrato sul pannello, posizionare il telaio di montaggio in modo che poggi sulle barre a T del controsoffitto.

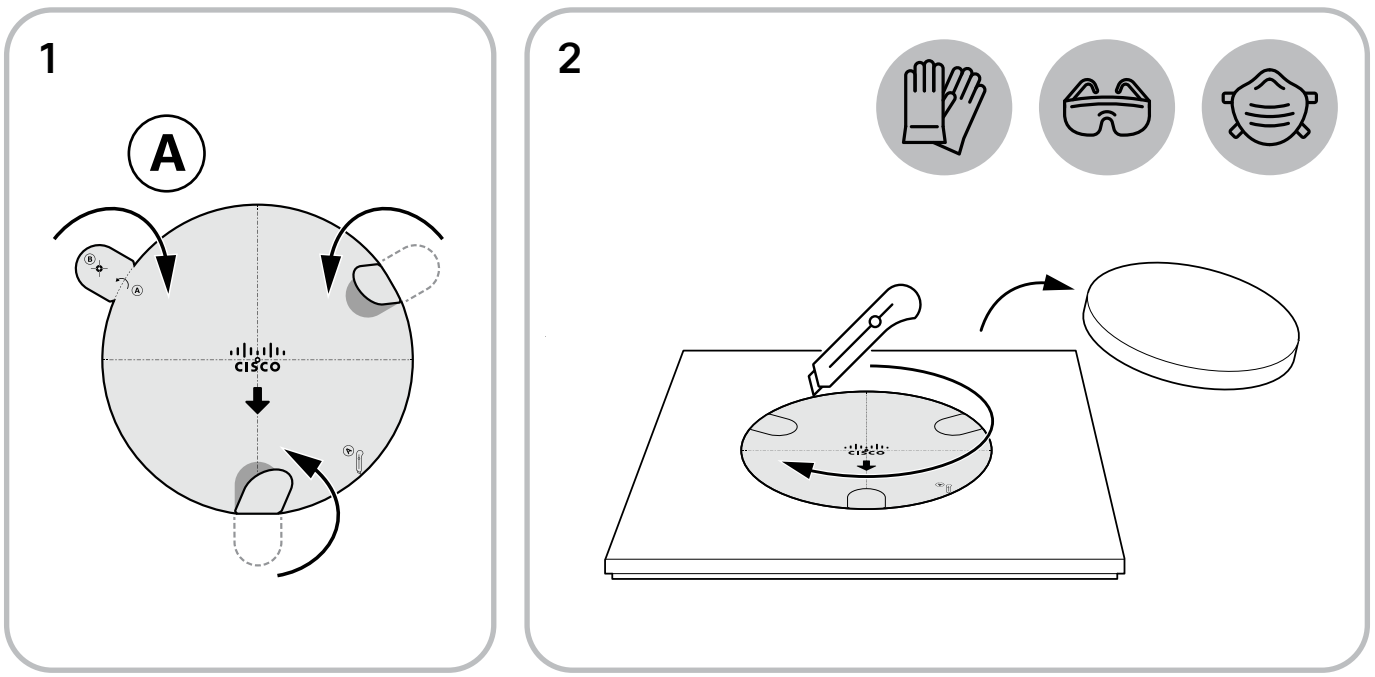


Orientamento flessibile dell'inquadratura con microfono.

---

1 Preparare il pannello.

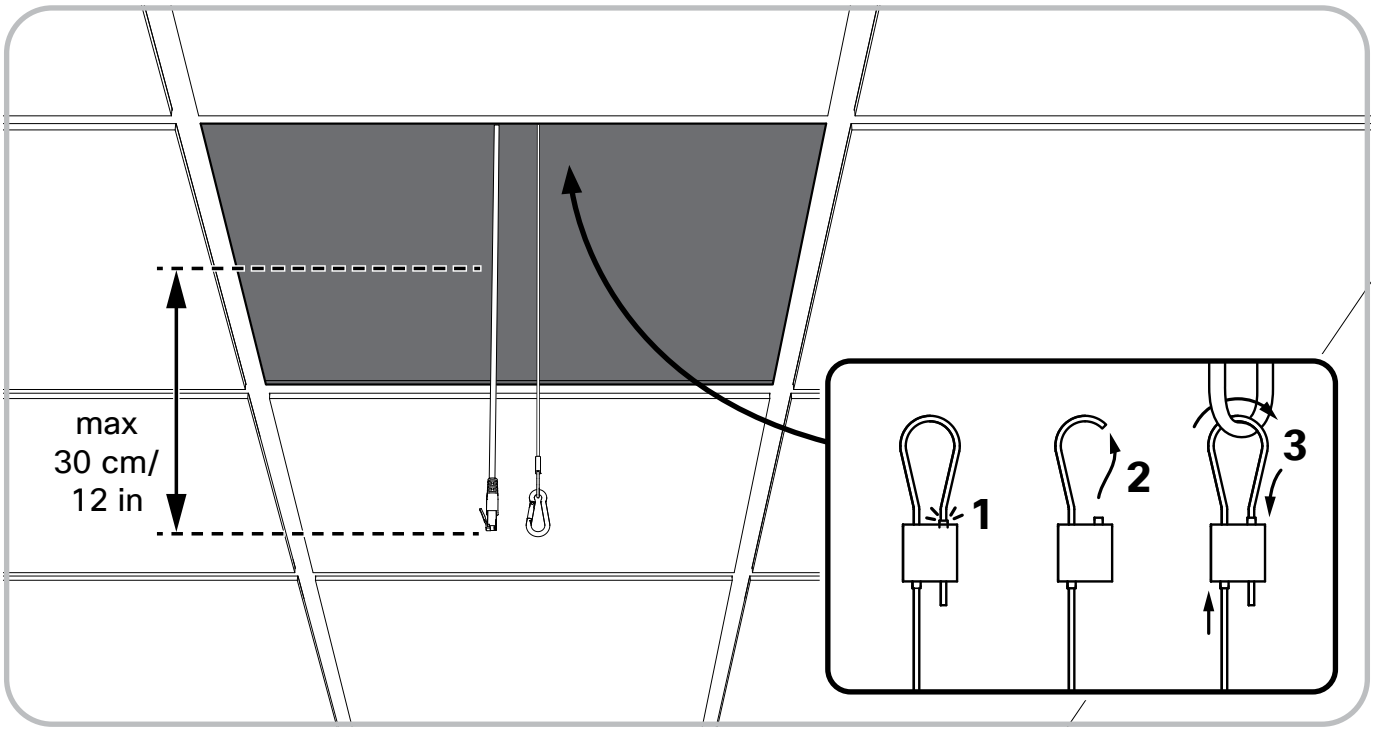
Rimuovere il pannello del controsoffitto e usare il modello per fare un foro.



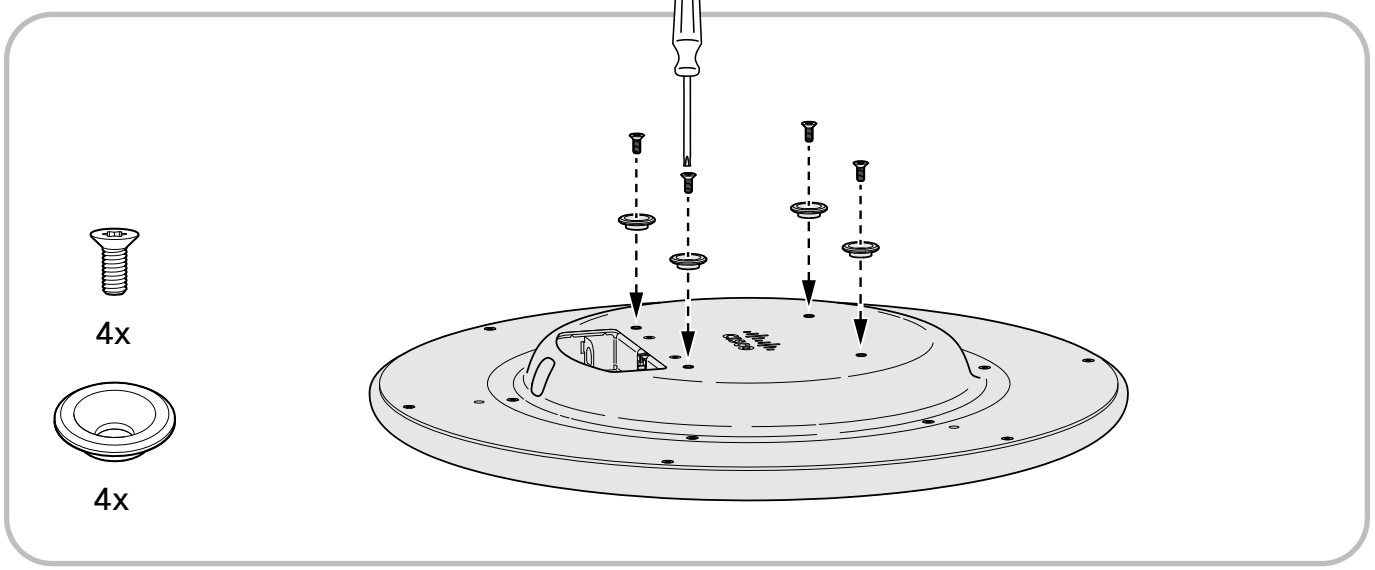
A

2 Preparare il cavo di sicurezza e il cavo Ethernet.

Fissare il cavo di sicurezza su un punto sicuro sopra i pannelli del controsoffitto in modo che il gancio penda a circa 30 cm/12 pollici dal soffitto.



3 Collegare i quattro dischi di interfaccia al microfono.

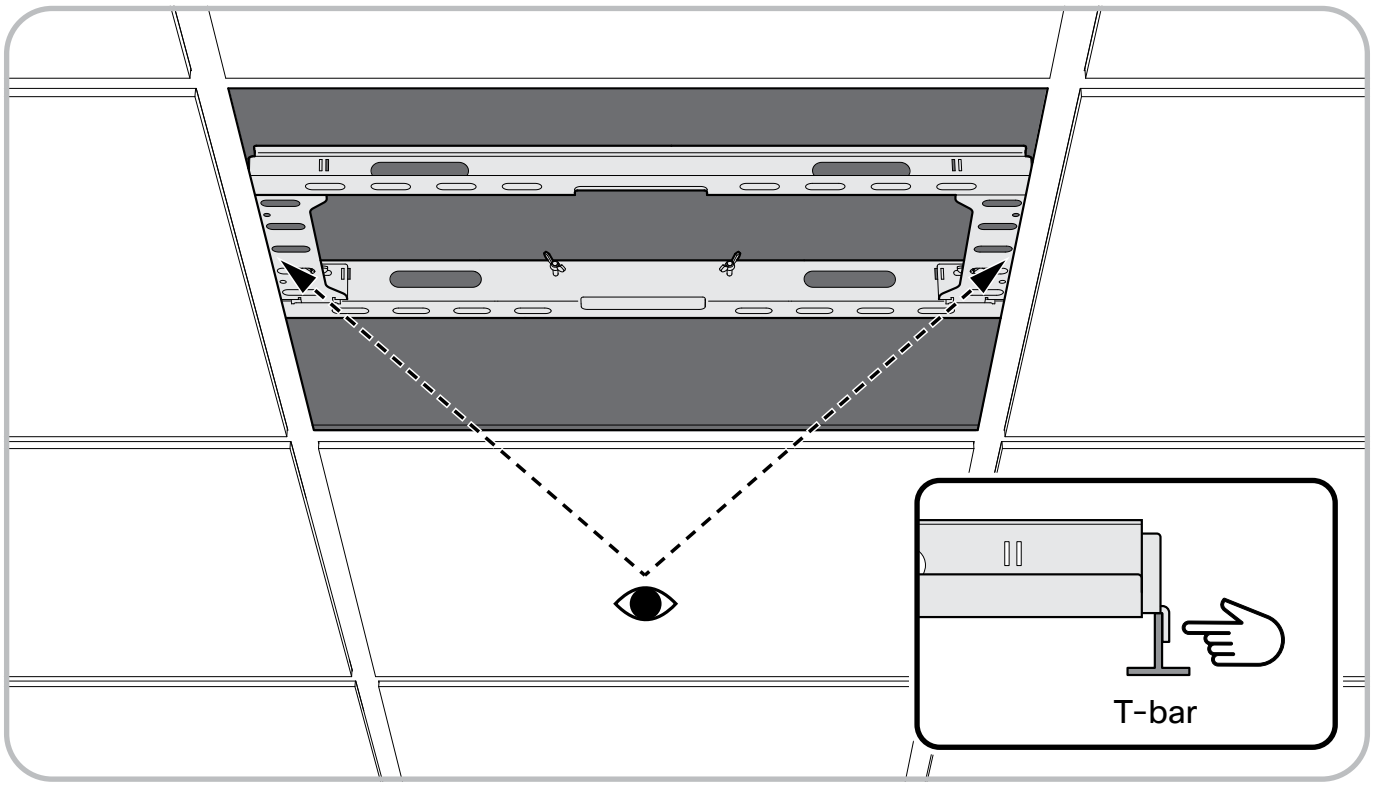


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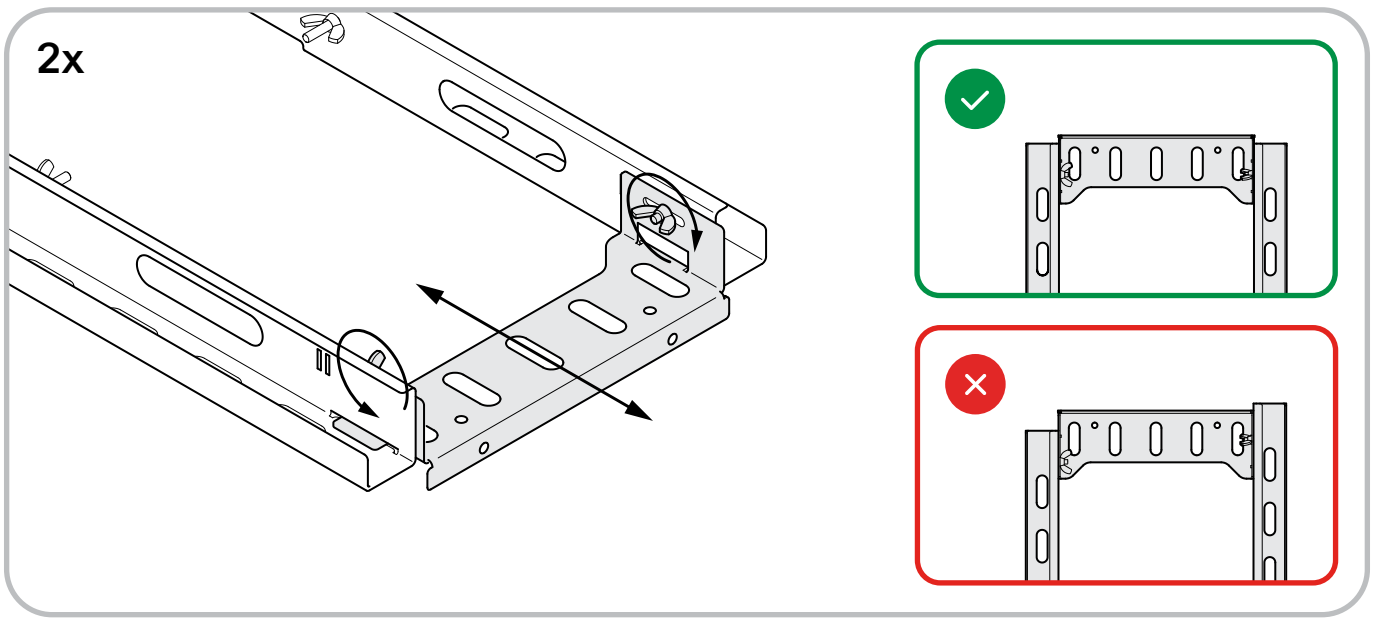
A

4 Regolare il telaio.

Impostare il telaio temporaneamente sopra le barre a T e regolarlo finché non si aggancia. Stringere i dadi a farfalla, quindi rimuovere il telaio.



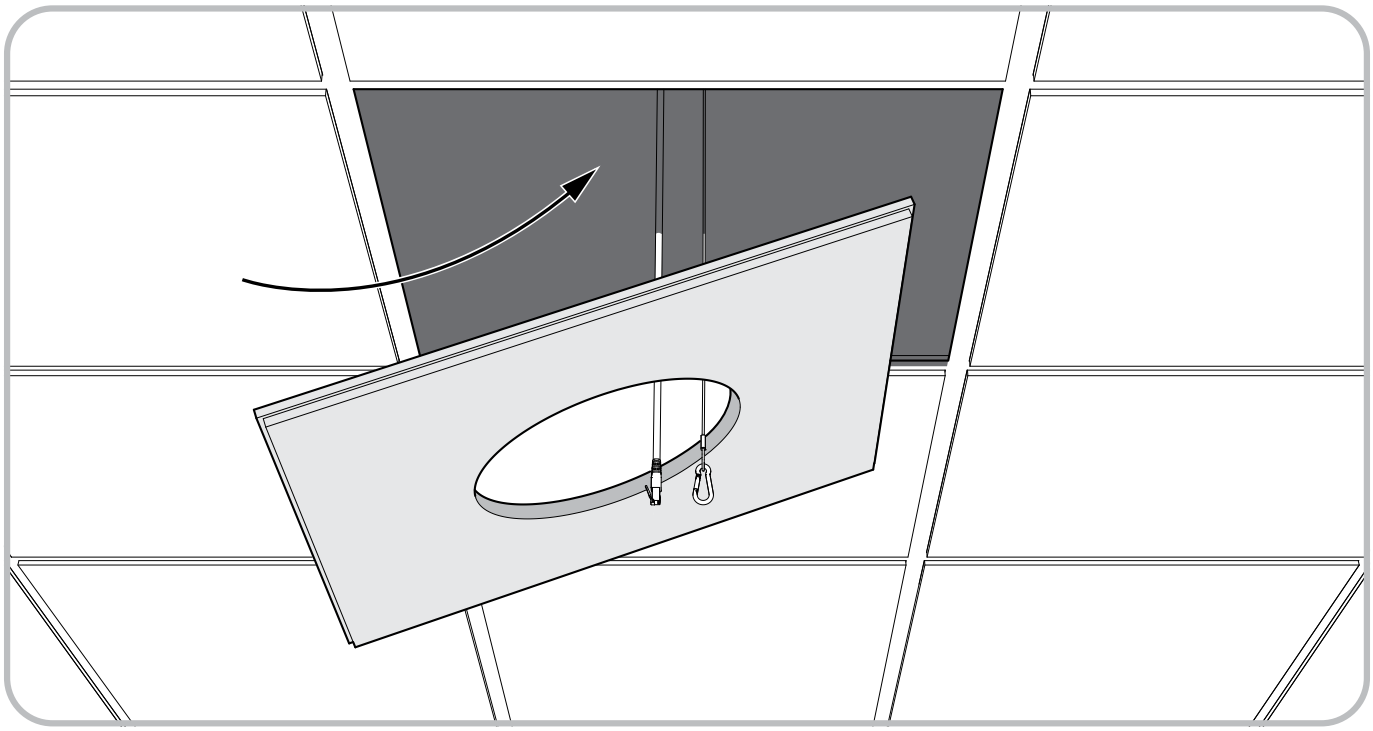
⚠ Assicurarsi che le guide siano allineate.



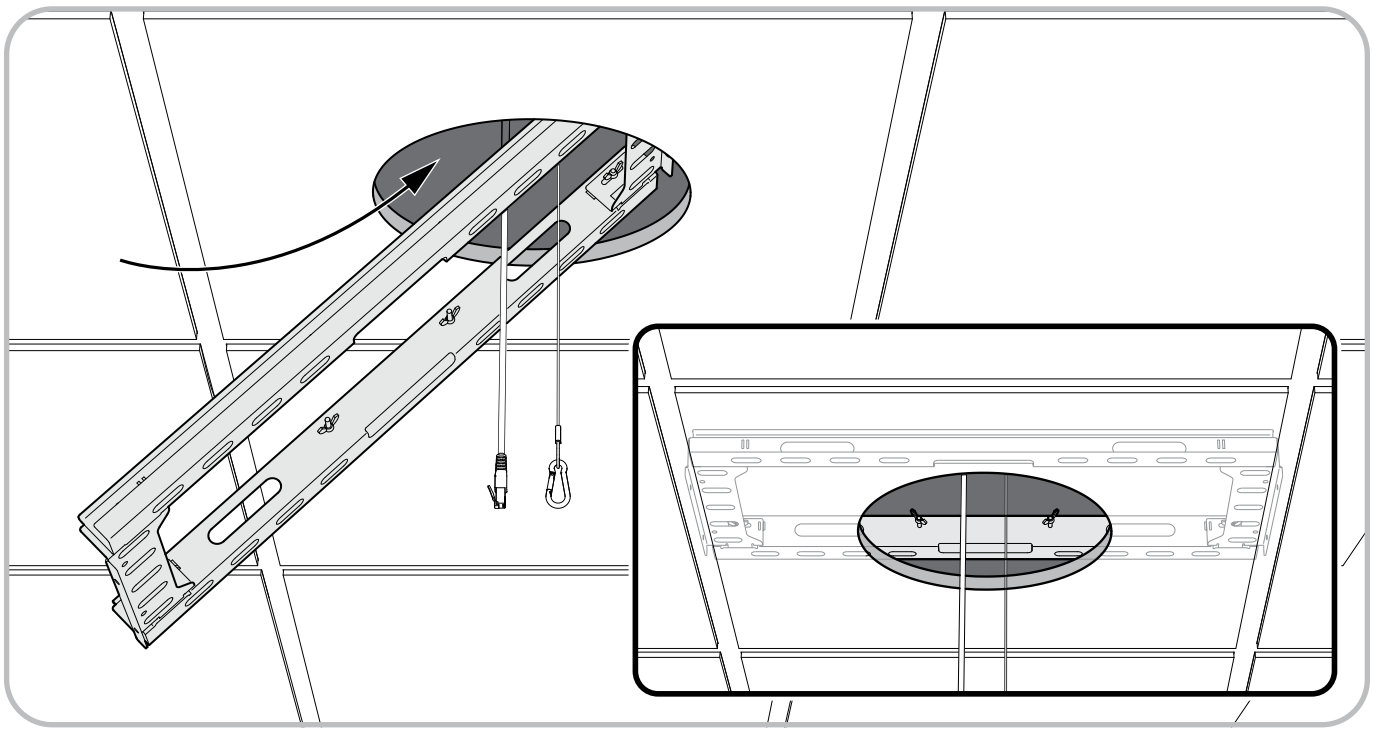
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A

5 Riposizionare il pannello.



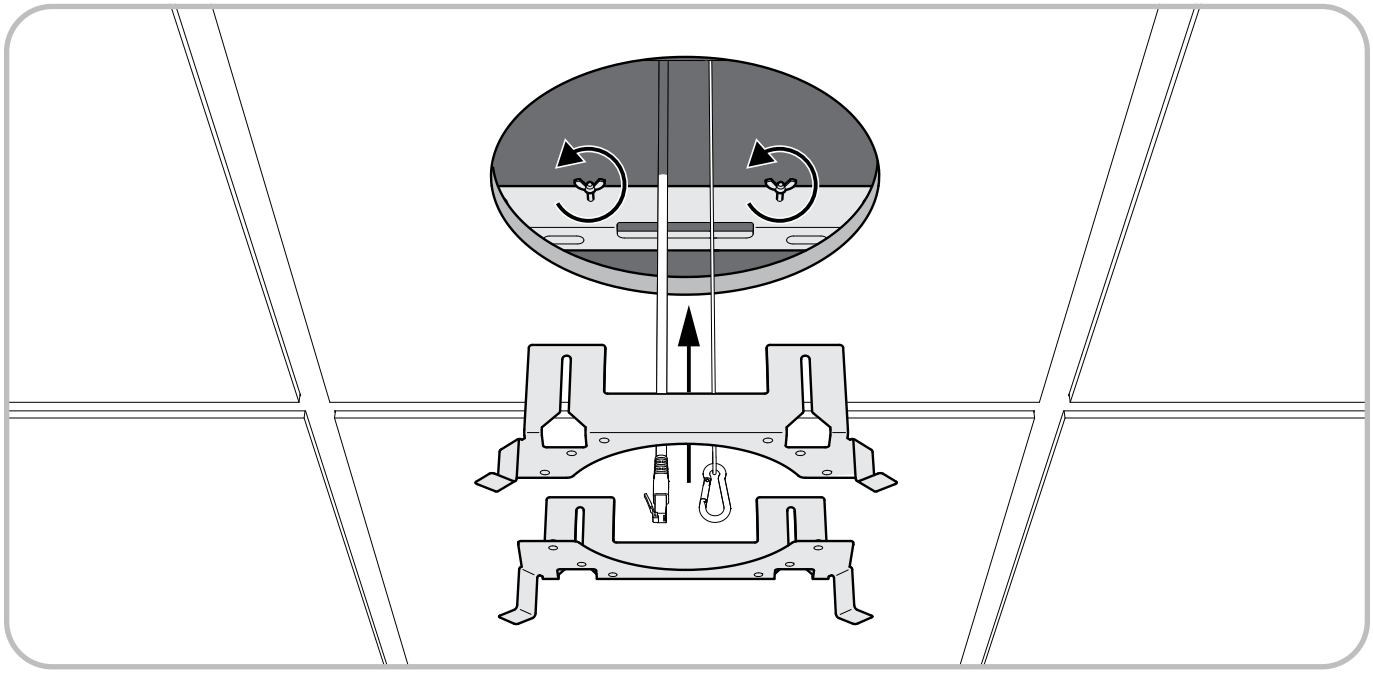
6 Fissare saldamente il telaio alle barre a T.



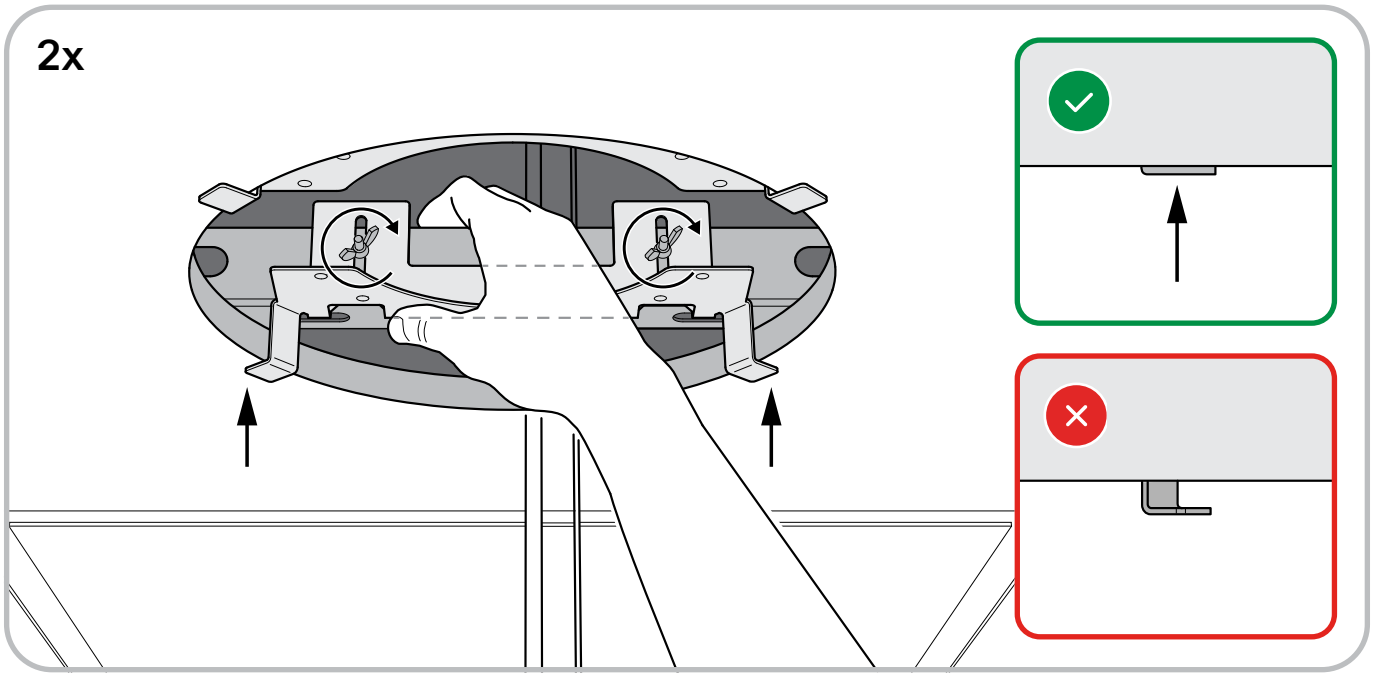
A

7 Fissare le staffe.

Allentare i dadi a farfalla del telaio e posizionare una staffa su ciascun lato del telaio.



Regolare l’altezza della staffa in modo che i ganci siano a filo con l’esterno del pannello del controsoffitto. Stringere bene i dadi a farfalla del telaio.

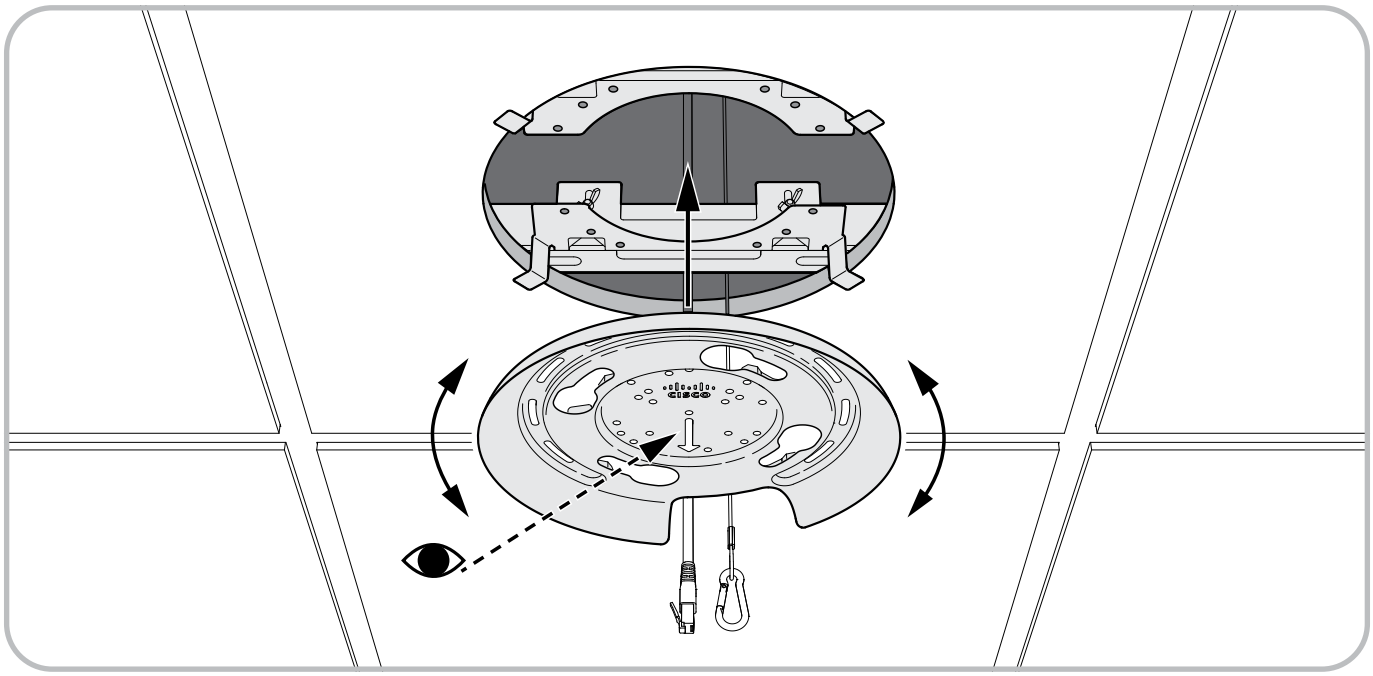


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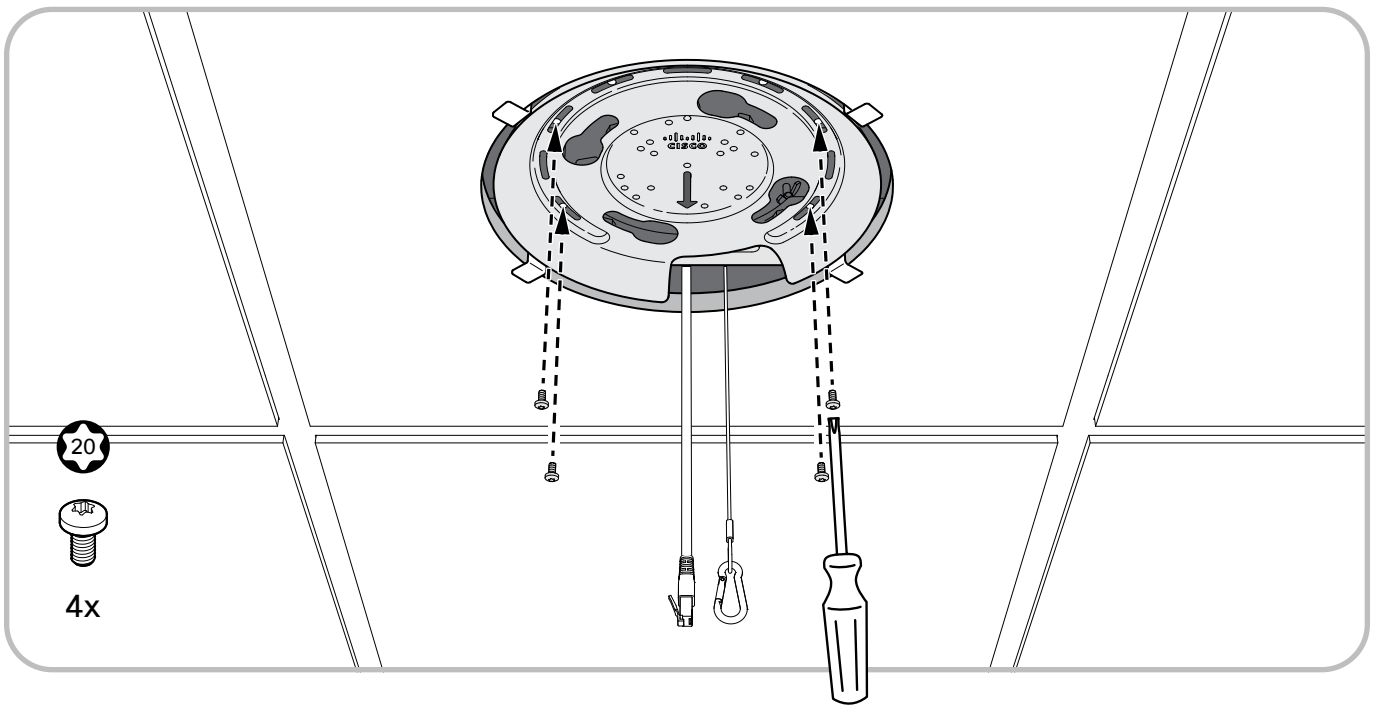
A

8 Montare la calotta.

Posizionare la calotta in modo che la freccia sia rivolta verso la schermata principale. Assicurarsi che i cavi passino attraverso la canalina.



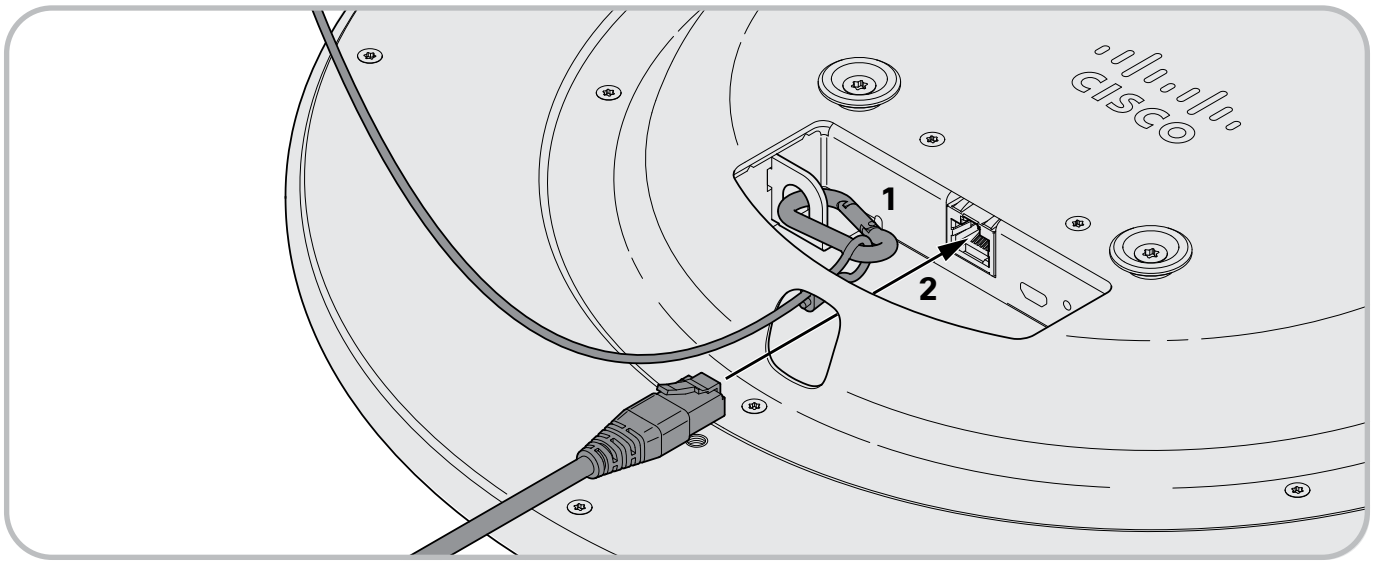
Fissare la calotta ai quattro fori del telaio. Se i quattro fori non sono allineati, consultare il passaggio 4.



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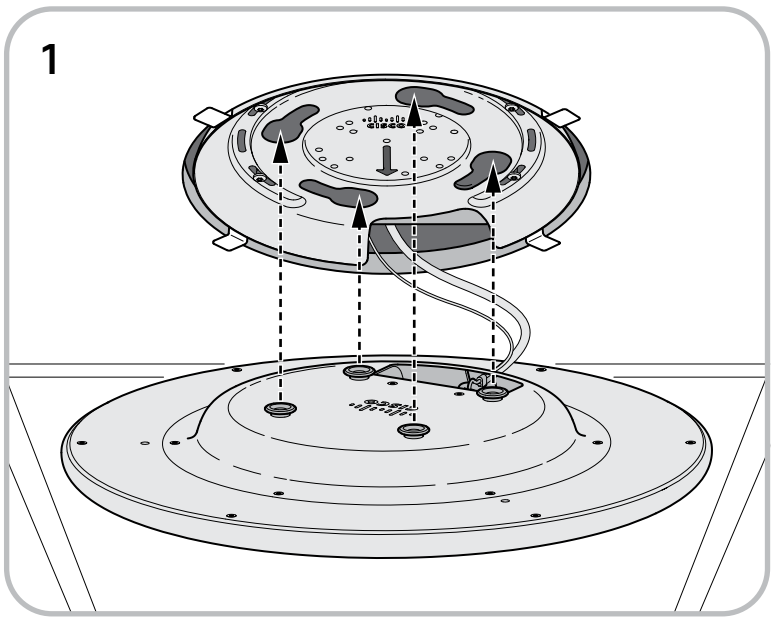
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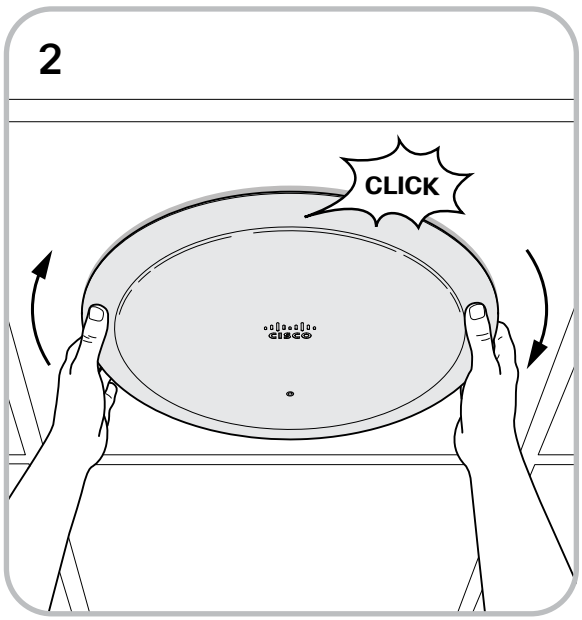
9 Collegare il cavo di sicurezza e il cavo Ethernet.



10 Collegare il microfono.

Appoggiare il microfono alla calotta in modo che i dischi dell'interfaccia entrino nei fori. Ruotare il microfono in senso orario finché non scatta in posizione. Fare attenzione a non spostare il pannello del controsoffitto.



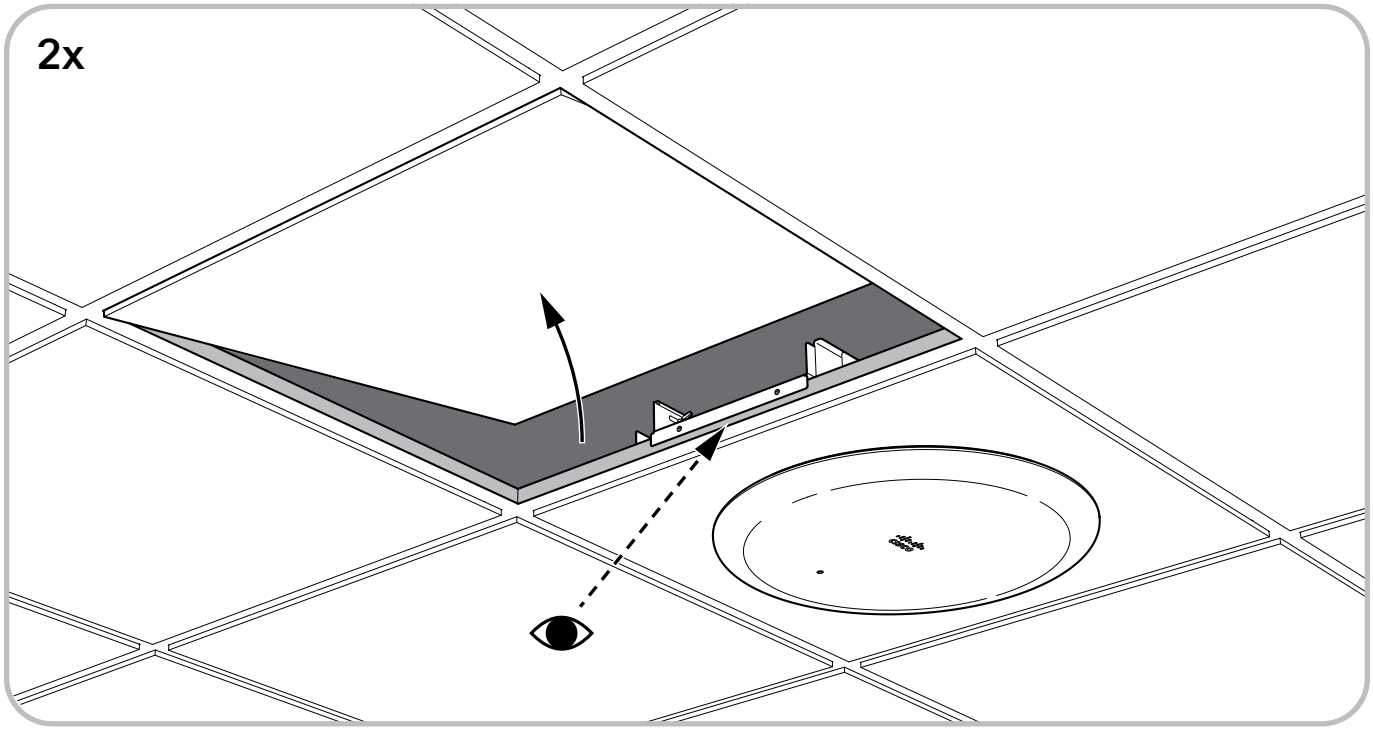


Per rimuovere il microfono, ruotarlo in senso antiorario finché non si scollega dalla calotta.

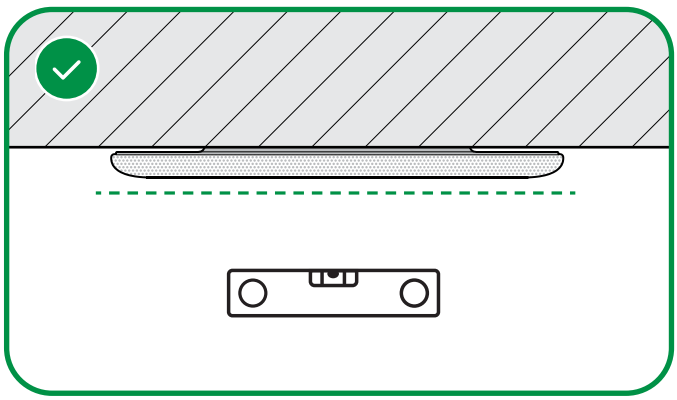
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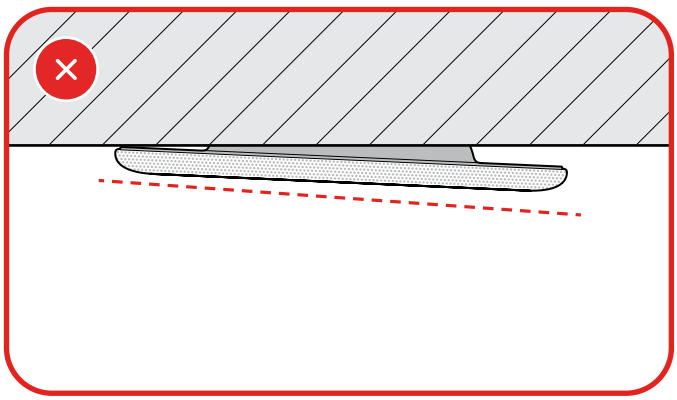
11 Verificare il corretto posizionamento del dispositivo.

Sollevare la piastrella adiacente per verificare che il telaio sia correttamente in posizione.



Assicurarsi che il microfono sia completamente a filo con il pannello del controsoffitto.



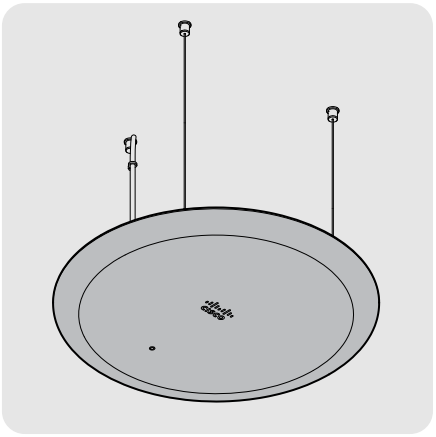


12 Proseguire con la configurazione.

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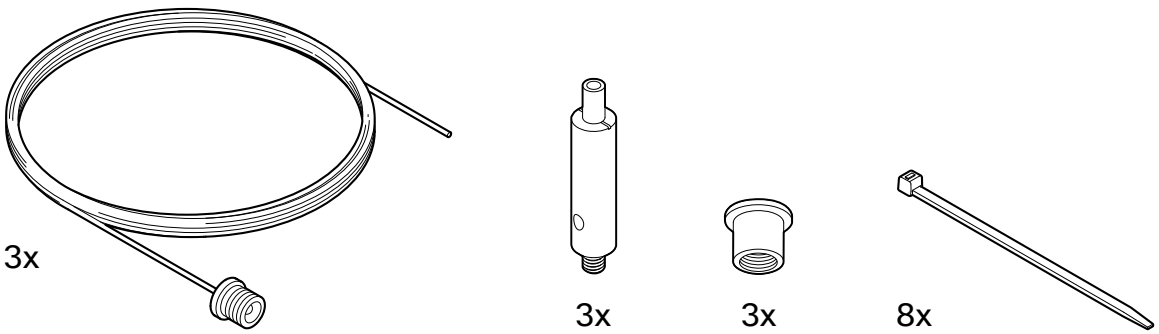
B Sospensione con cavo



Operazioni preliminari:

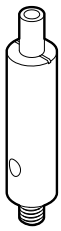
- Leggi le linee guida per la preparazione della sala.
- Il microfono pesa 2.7 kg/5 libbre. Assicurarsi che il soffitto possa sostenere il prodotto in modo sicuro.
- Fornire le viti e i dispositivi di fissaggio appropriati.
- Valutare la possibilità di posizionare il cavo Ethernet.
- Assicurarsi di avere il kit di montaggio mostrato qui:

Kit di montaggio per sospensione con cavo
CS-MIC-CLGP-WHK

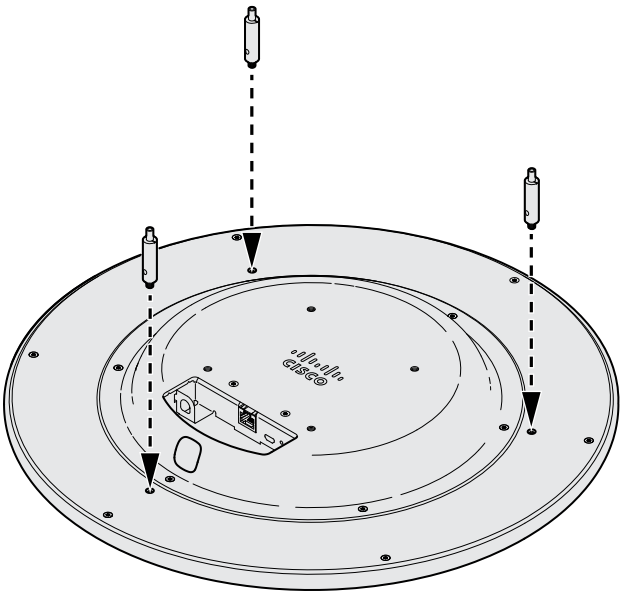


B

1 Fissare i tre fermacavi al microfono.

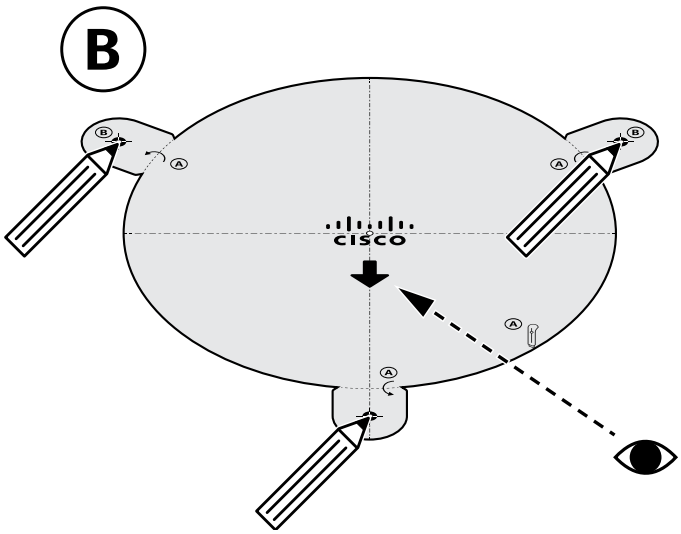


3x



2 Segnare dove fissare i tre cavi.

Posizionare il modello per la foratura sul soffitto con la freccia rivolta verso la schermata principale.

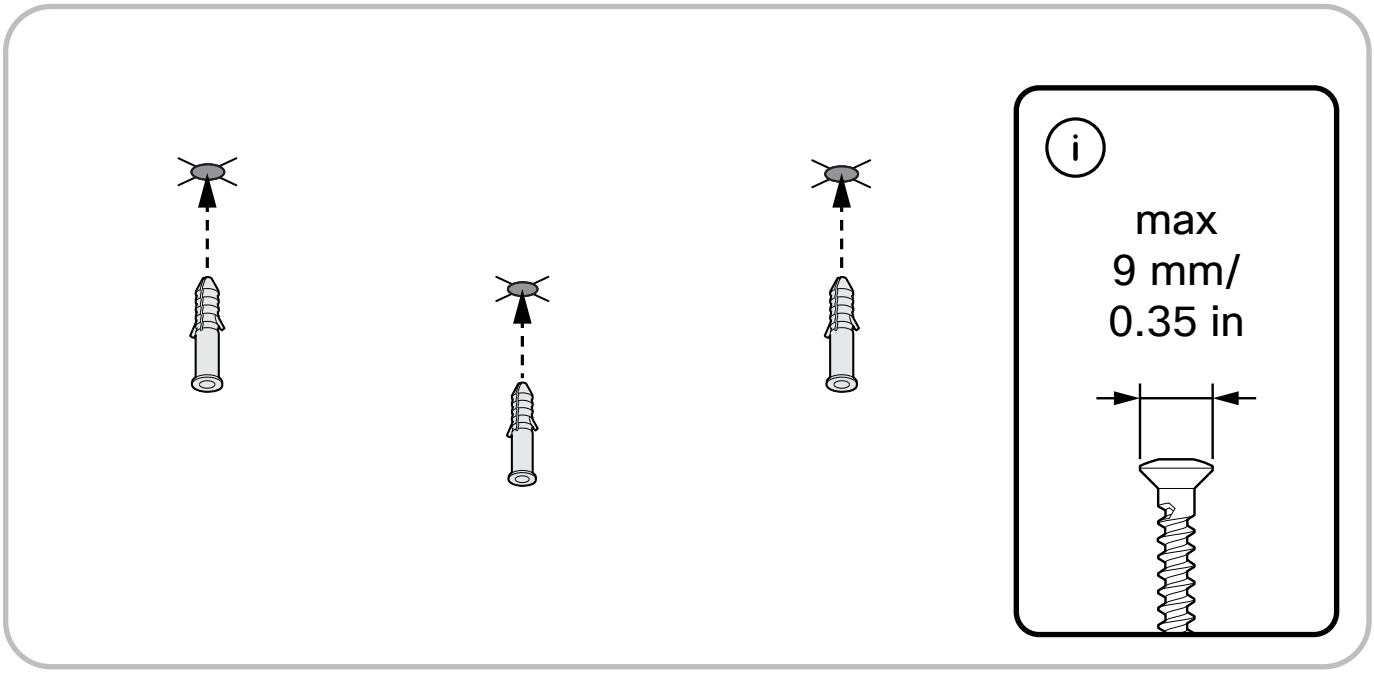


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B

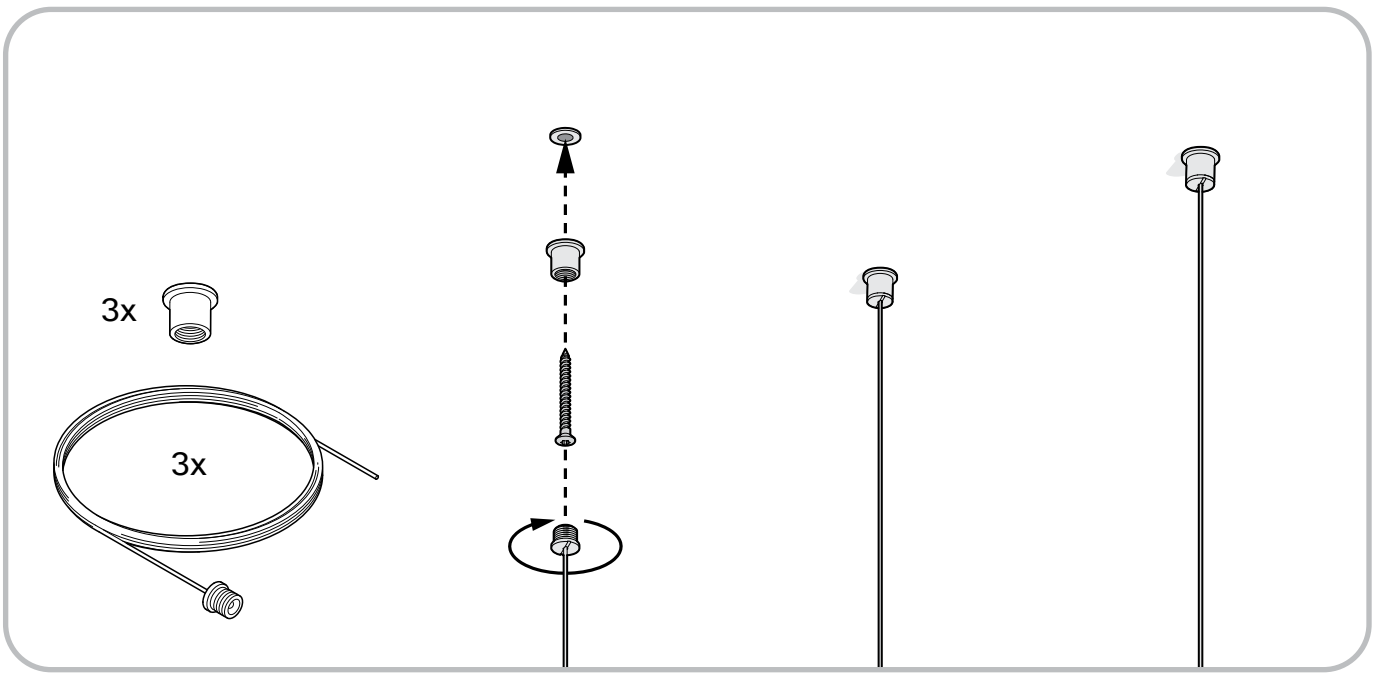
3 Praticare i fori.

A seconda del tipo di controsoffitto, potrebbe essere necessario utilizzare dei tasselli.



4 Collegare i cavi al soffitto.

Avvitare i supporti per il montaggio al soffitto. Srotolare e fissare i cavi ai supporti a soffitto.

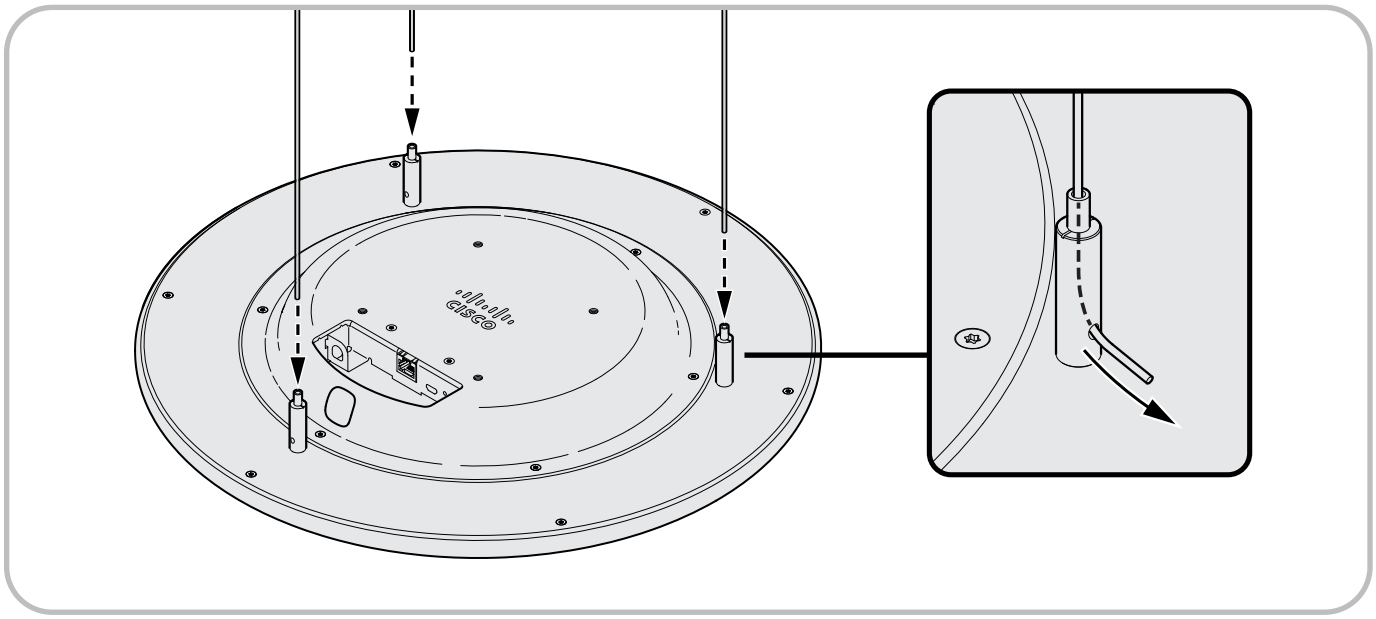


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B

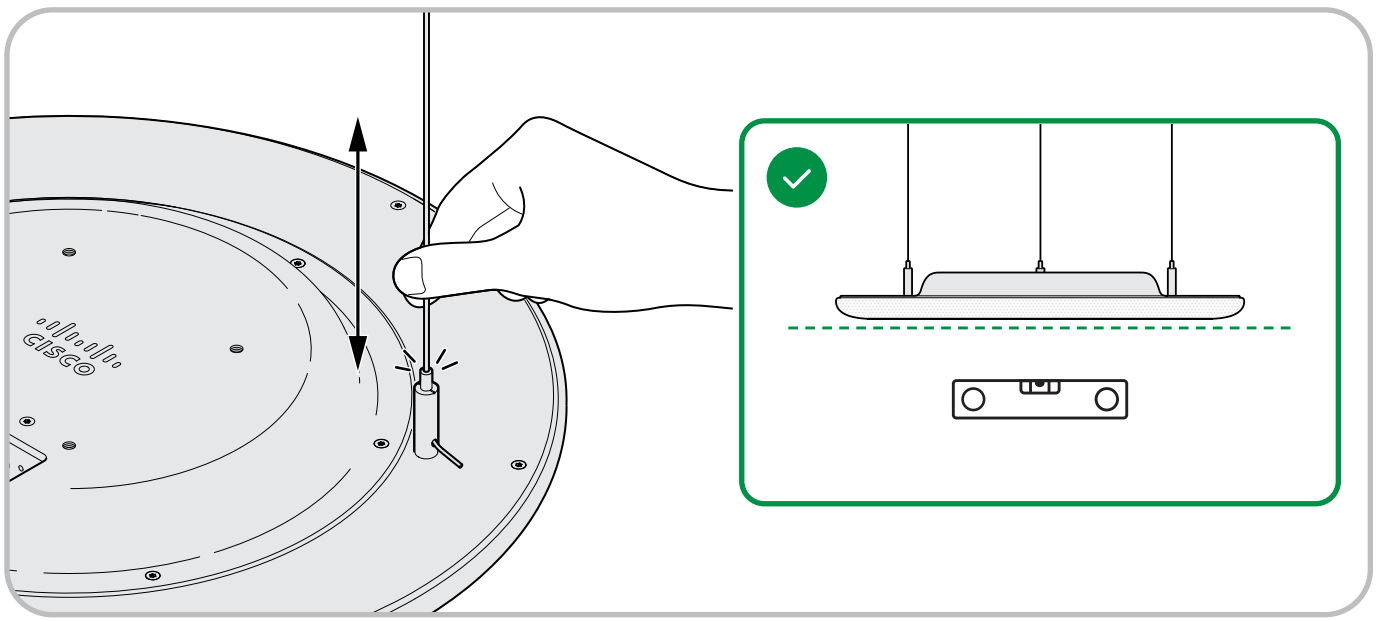
5 Collegare i cavi al microfono.

Impostare il microfono su una superficie piana con la porta Ethernet rivolta verso la schermata principale. Spingere i cavi nei fermacavi.



6 Regolare l’altezza del microfono entro 2–3.5 m/7–12 ft dal pavimento.

Afferrare la parte superiore del fermacavo e far scorrere il cavo verso l’alto o verso il basso.

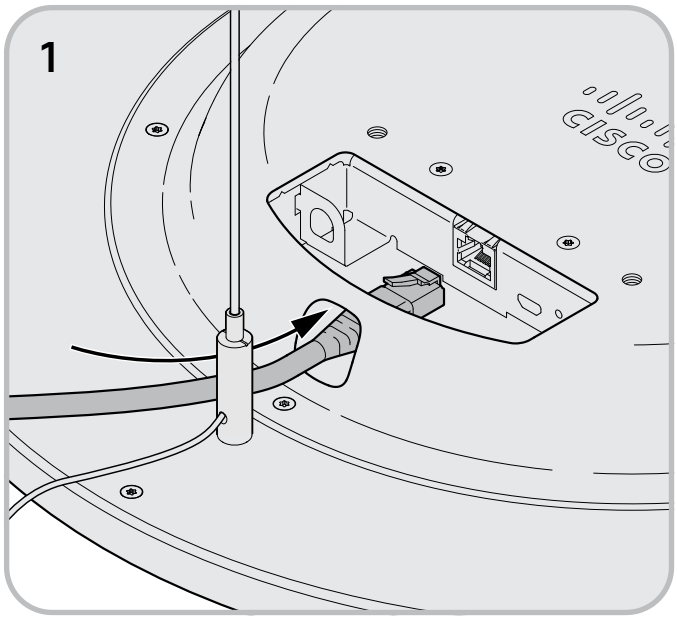


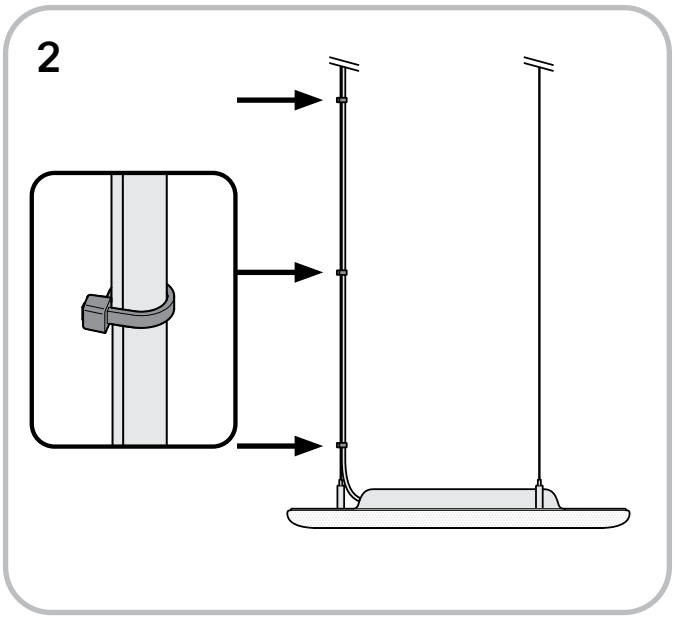
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B

7 Collegare il cavo Ethernet al microfono.

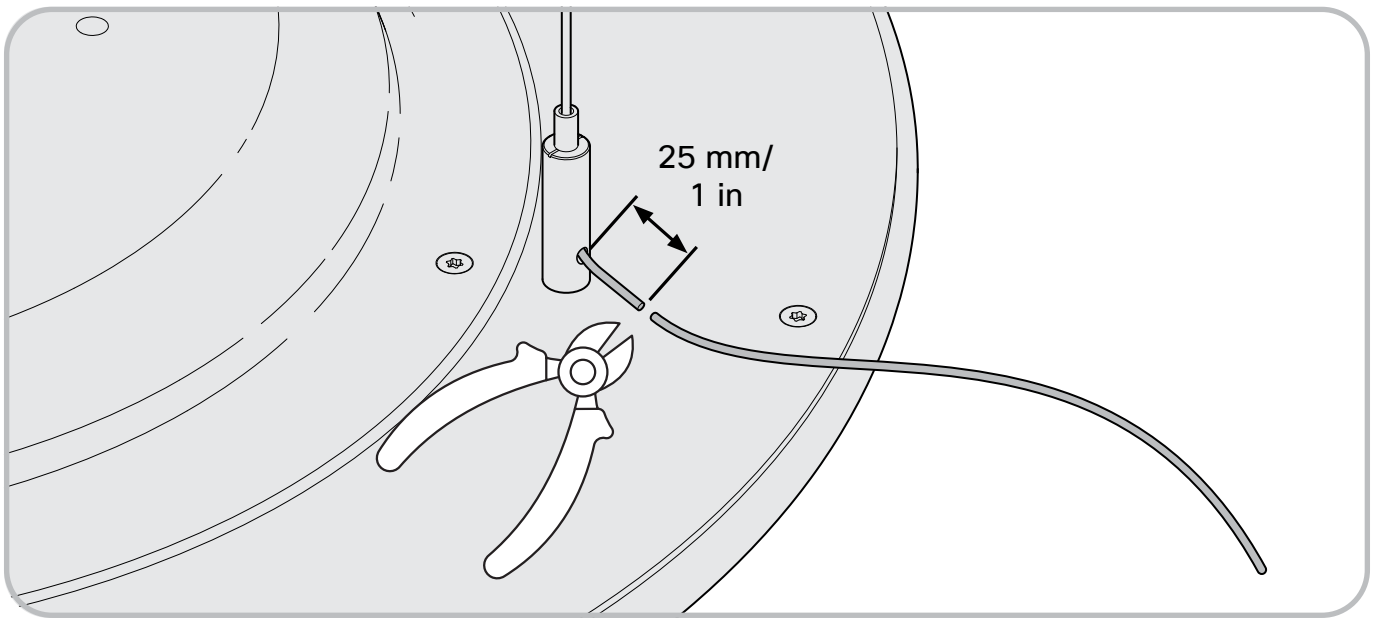
Utilizzare le fascette per cavi per fissare il cavo al filo più vicino.





8 Tagliare i cavi.

Quando l’altezza del microfono è corretta, tagliare le estremità dei cavi di 25 mm/1 pollice dai fermacavi.

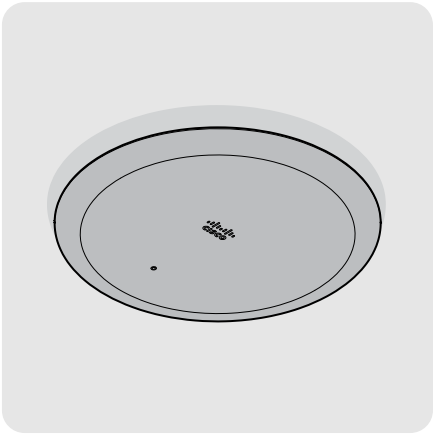


9 Proseguire con la configurazione.

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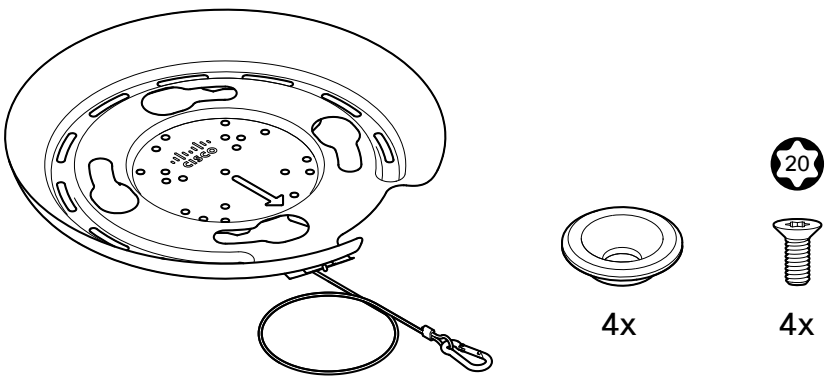
C Soffitto



Operazioni preliminari:

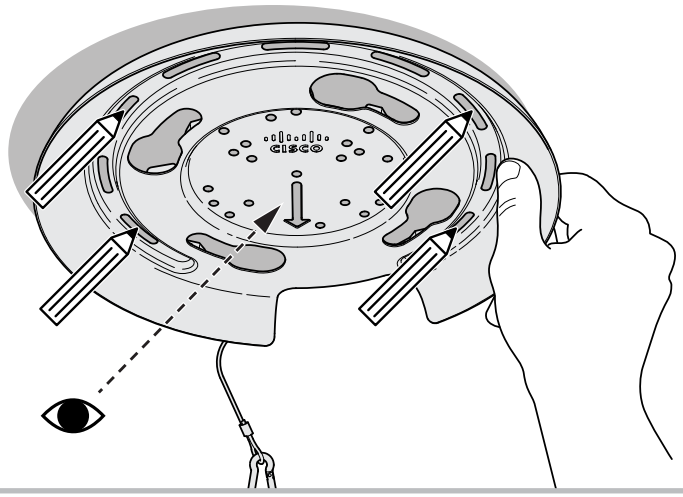
- Leggi le linee guida per la preparazione della sala.
- Il microfono con calotta e dischi di interfaccia pesa 2.8 kg/6 libbre. Assicurarsi che il soffitto possa sostenere il prodotto in modo sicuro.
- Fornire le viti e i dispositivi di fissaggio appropriati.
- Valutare la possibilità di posizionare il cavo Ethernet.
- Assicurarsi di avere il kit di montaggio mostrato qui:

Kit di montaggio su soffitto
CS-MIC-CLGP-CBK

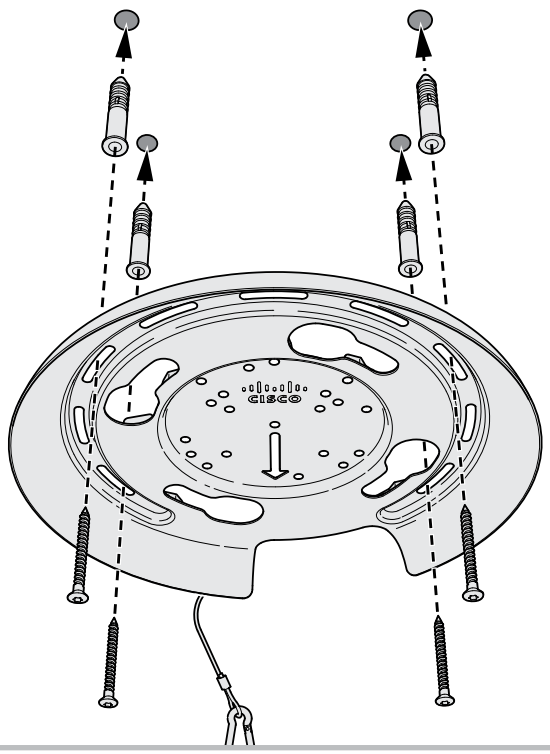


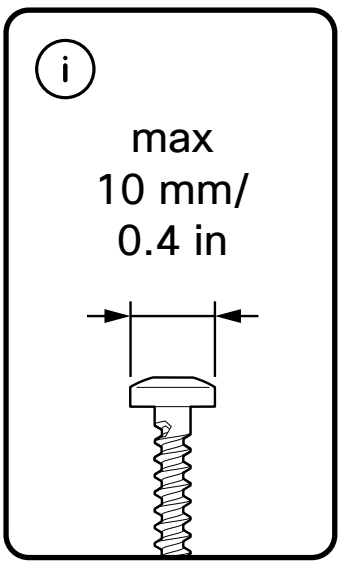
C

1 **Segnare dove andranno le viti. .**
Appoggiare la calotta al soffitto con la freccia rivolta verso la schermata principale.



2 **Praticare i fori e montare la calotta.**
A seconda del tipo di soffitto, potrebbe essere necessario utilizzare dei tasselli.

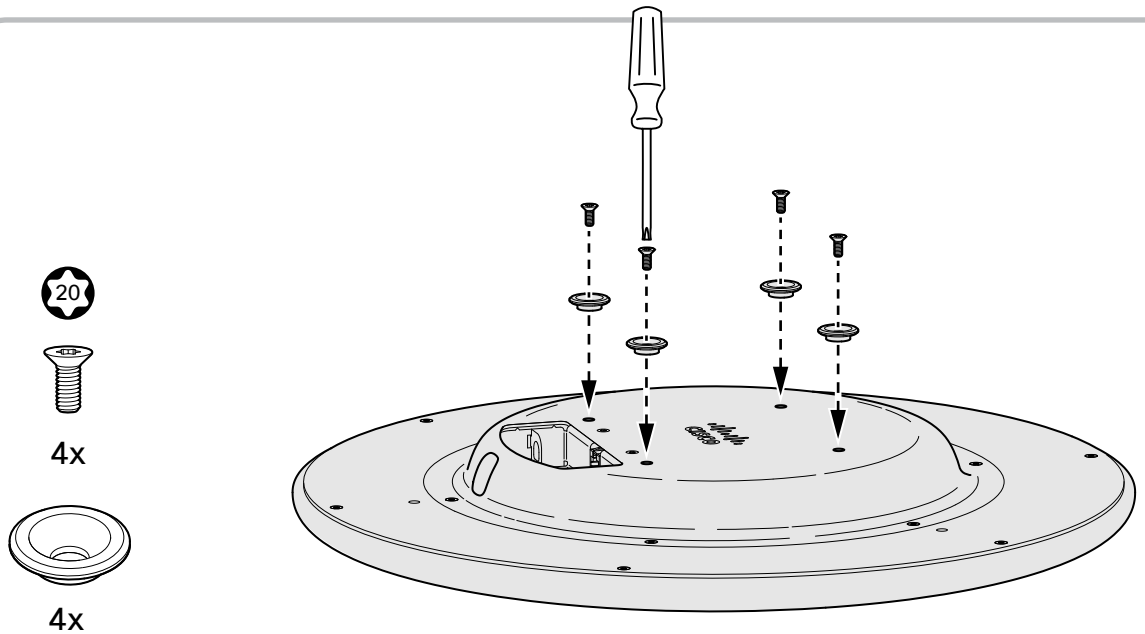




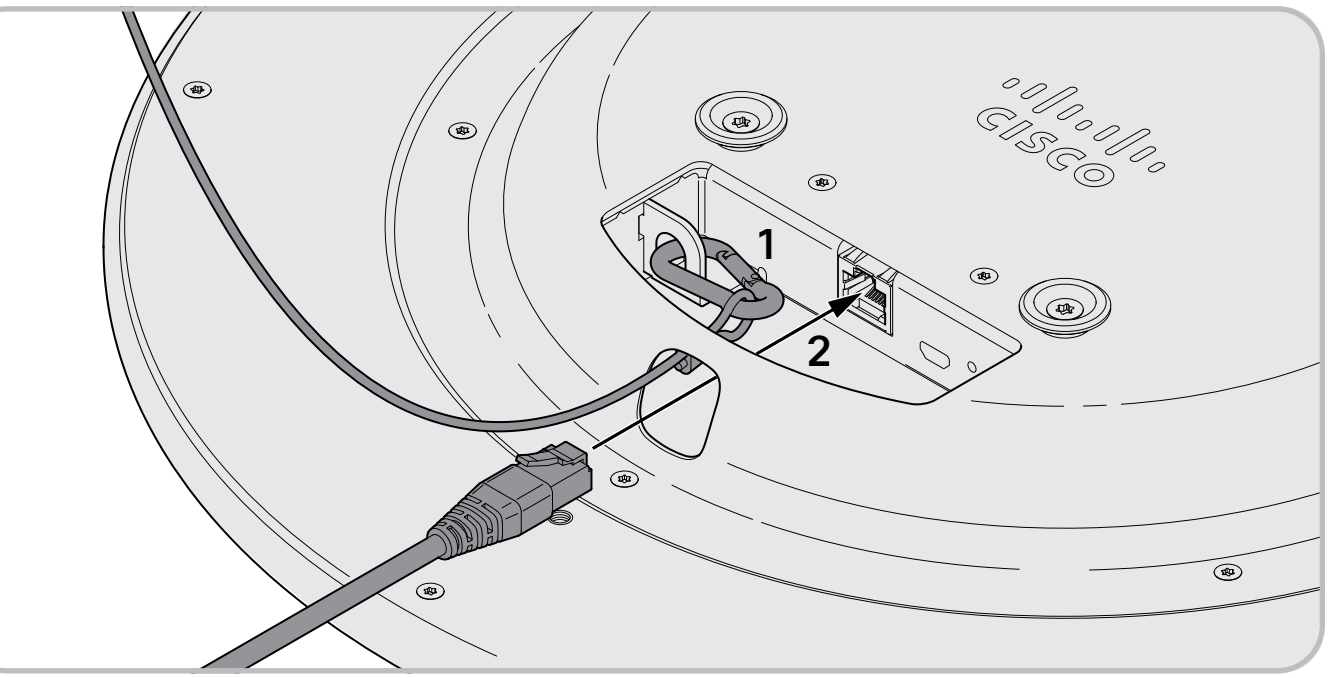
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C

3 Collegare i quattro dischi di interfaccia al microfono.



4 Collegare il cavo di sicurezza e il cavo Ethernet.



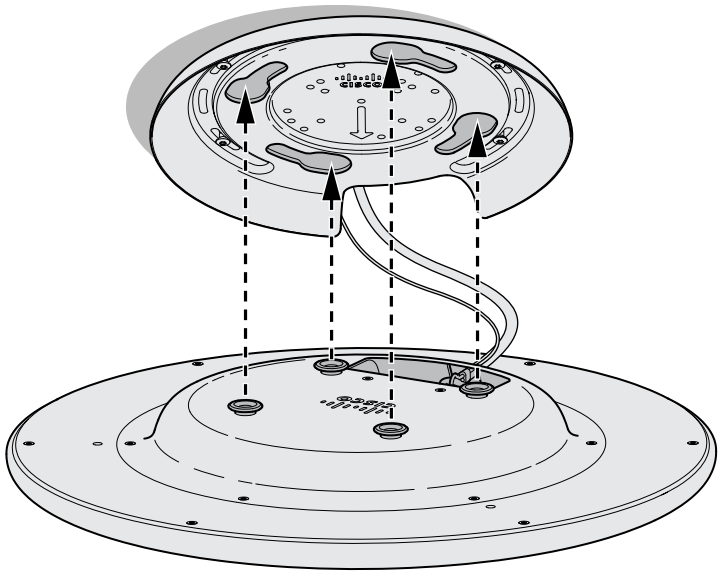
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C

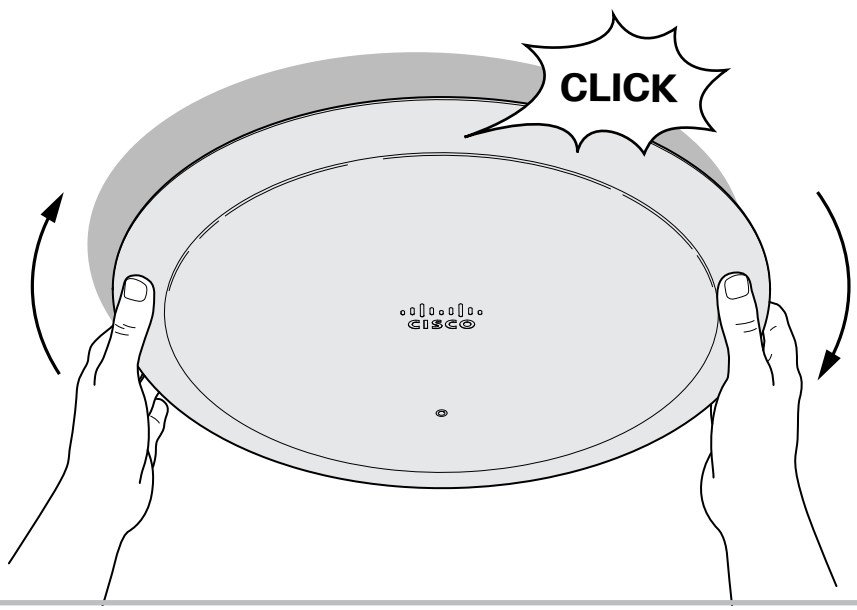
5 Collegare il microfono.

Appoggiare il microfono alla calotta in modo che i dischi di interfaccia entrino nei fori. Ruotare il microfono in senso orario finché non scatta in posizione.

1



2



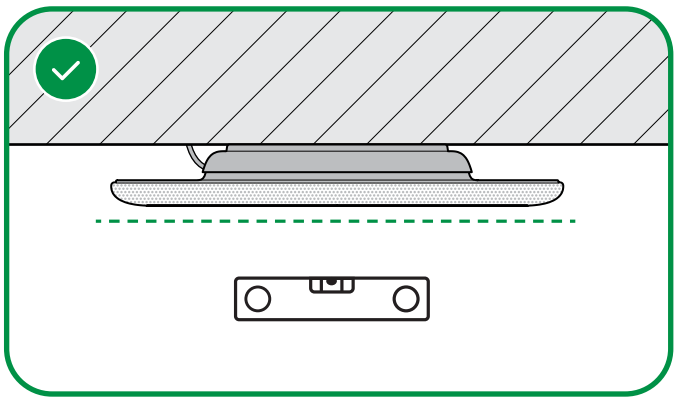
Per rimuovere il microfono, ruotarlo in senso antiorario finché non si scollega dalla calotta.

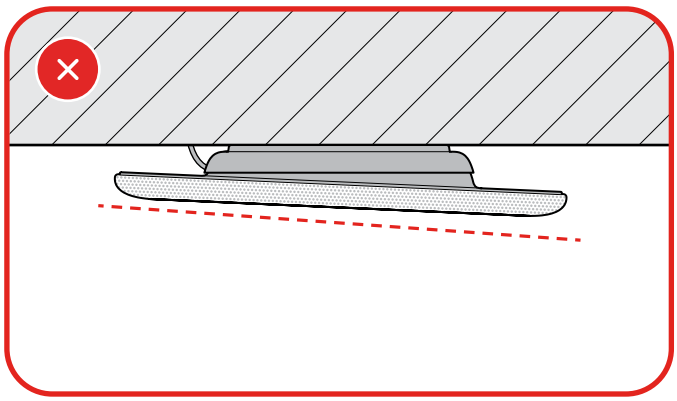
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C

6 Verificare il corretto posizionamento del dispositivo.

⚠ Assicurarsi che il microfono sia completamente a filo con il pannello del soffitto.





7 Proseguire con la configurazione.

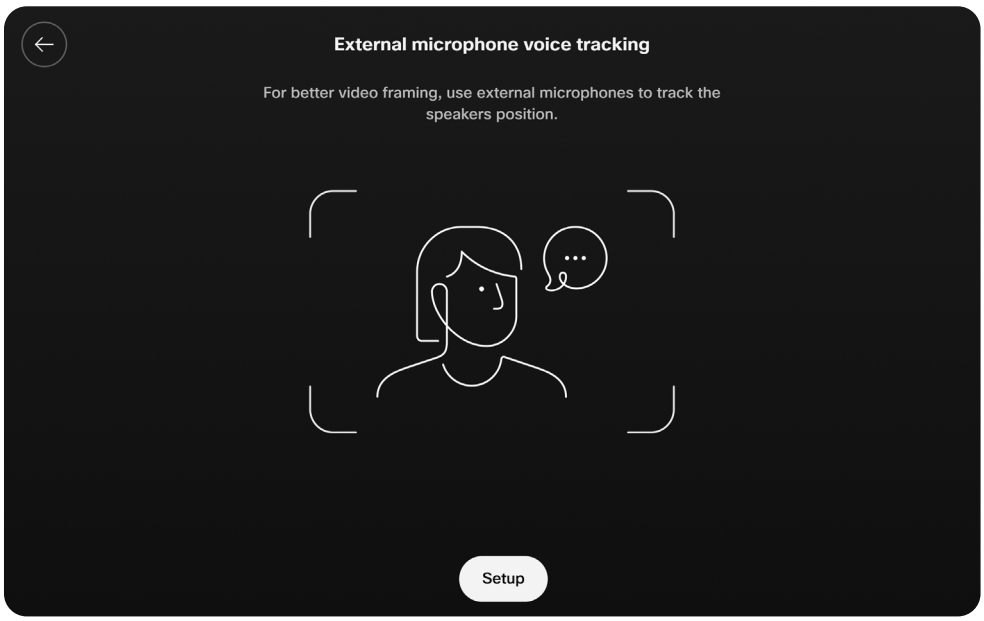
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Configurazione del microfono

Connettere il microfono allo switch PoE o alla porta del sistema video. Quando l'unità è accesa, eseguire la configurazione "Tracciamento vocale del microfono esterno" dal menu Impostazioni dispositivo sul controller touch:

1. Dalla schermata principale del controller touch, aprire il Pannello di controllo.
2. Toccare Impostazioni dispositivo. Scorrere e toccare Microfono.
3. Selezionare "Tracciamento vocale del microfono esterno", quindi toccare Configurazione.



Quando si avvia il microfono, il LED rivolto verso l'utente sulla parte anteriore rimane acceso con luce bianca fissa. In fase di configurazione, il LED lampeggia in bianco durante la connessione o l'esecuzione di aggiornamenti. Al termine delle operazioni il LED si spegne.

Pulizia del microfono

⚠ Pulire solo con un panno asciutto ed evitare il logo Cisco.



Scopri di più

È possibile scaricare la guida di installazione qui:

Cerca
Cisco Ceiling Microphone Pro

https://www.cisco.com/go/ceiling-microphone-pro-installation

Per saperne di più sul tuo dispositivo, visita questi siti Web:

help.webex.com

cs.co/webexadoption

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Was steht in diesem Handbuch



Wenn Sie nur die deutsche Version dieser Anleitung drucken möchten, wählen Sie die Seiten 147 bis 175 im Fenster „Drucken“ aus.

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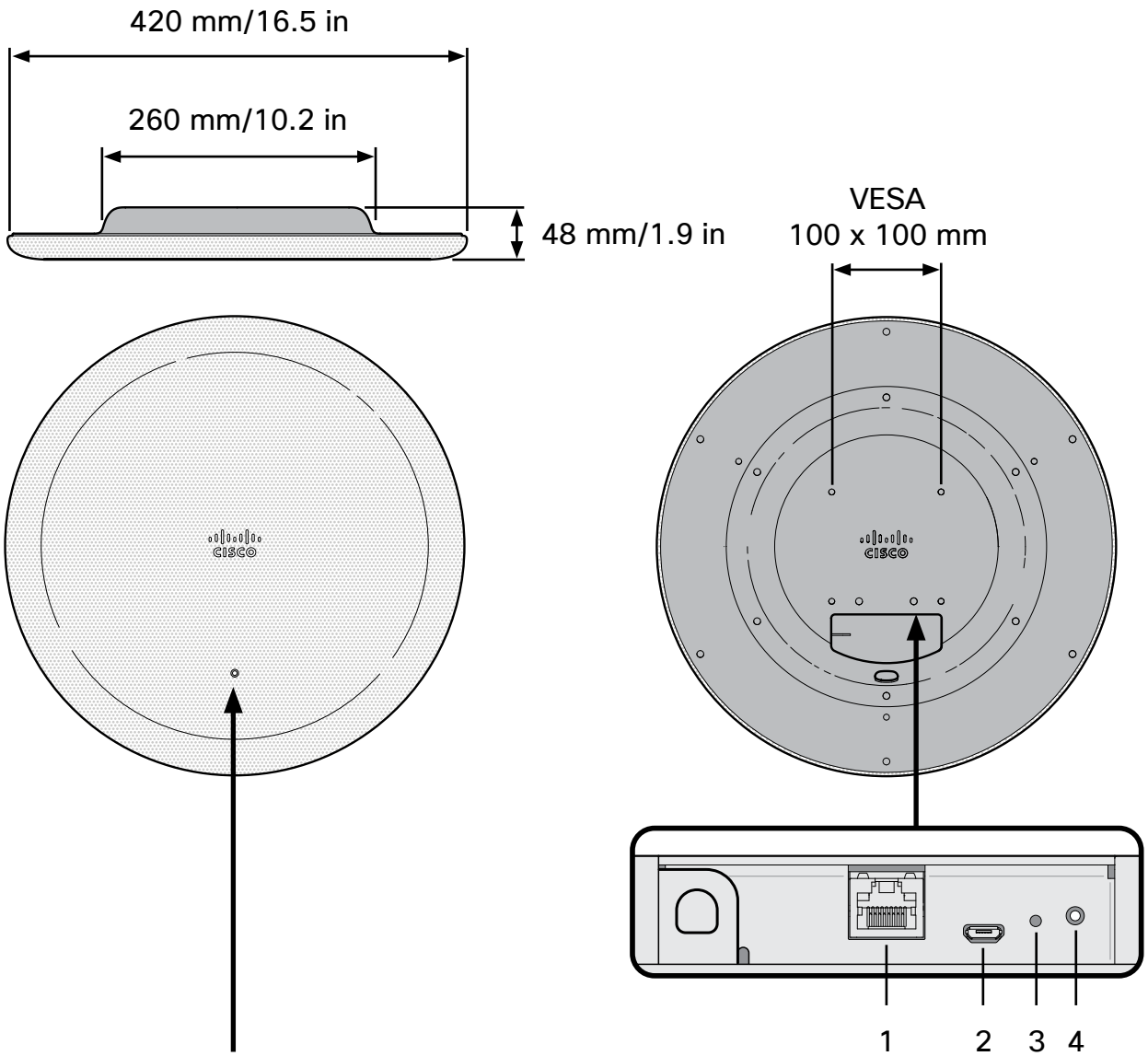
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Abmessungen und Funktionen



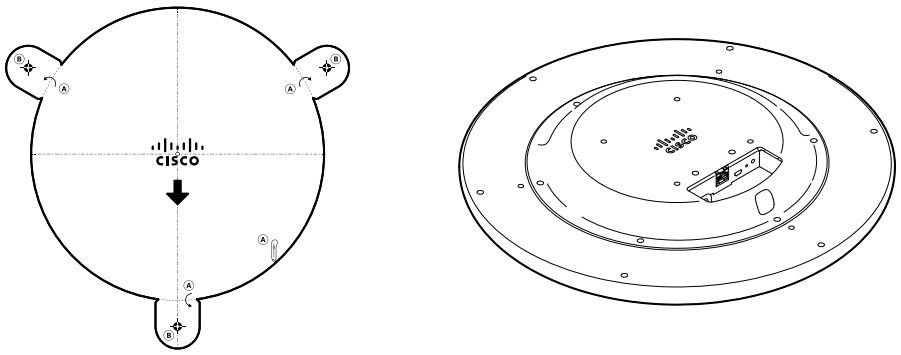
Mikrofonstatus-LED

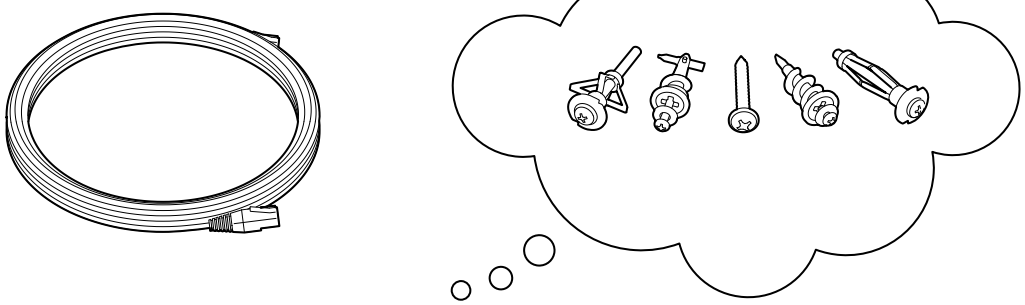
- Grün: Gespräch, AN
- Rot: Gespräch, STUMM
- Weiß: Konfigurationsmodus

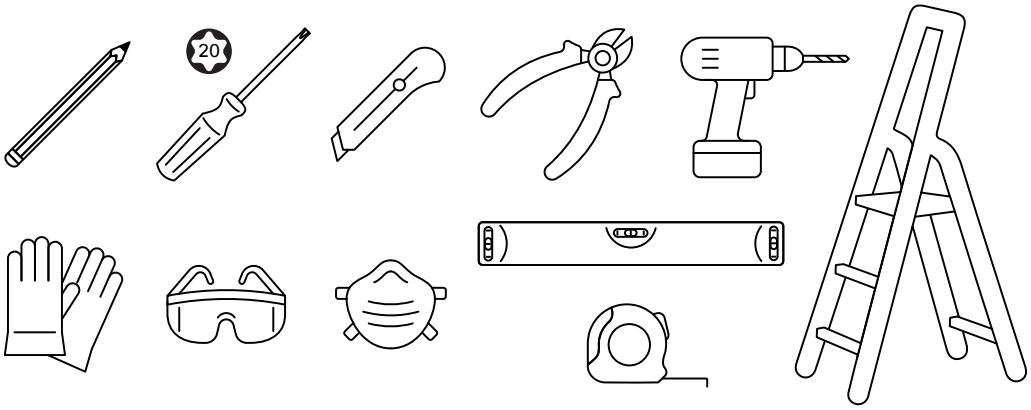
Anschlussfeld

1. Ethernet (PoE)
2. Wartung
3. Reset
4. Netzkontrollleuchte

Lieferumfang und Tools







Raumvorbereitung

Abstände

Die Abbildungen 1, 2 und 3 zeigen die Richtlinien für die Mikrofonposition. Verwenden Sie eines der Montagekits für Cisco Pro Deckenmikrofone, wie in dieser Anleitung beschrieben, um diese Richtlinien zu befolgen.

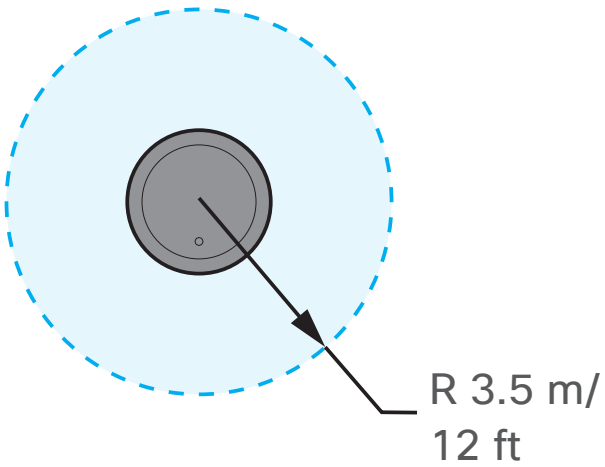


Abb. 1: Optimale Reichweite (max.)

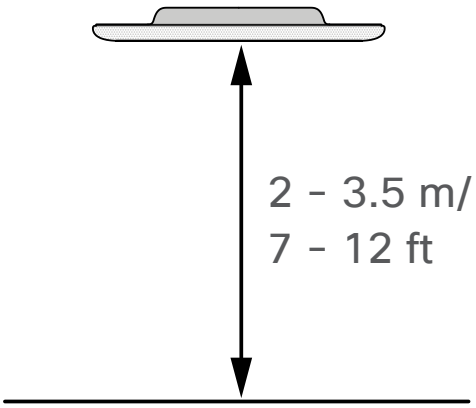


Abb. 2: Abstand zum Boden

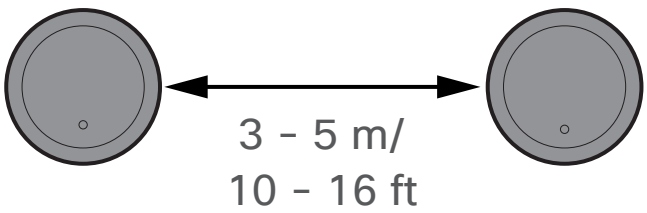


Abb. 3: Abstand zwischen Mikrofonen

Platzierung im Verhältnis zu den Teilnehmern

Die Größe, die Aufteilung und die Raumakustik bestimmen maßgeblich die Anzahl der benötigten Deckenmikrofone für eine optimale Abdeckung. Achten Sie bei der Installation des/der Mikrofon(e) darauf, dass nach Möglichkeit alle Teilnehmer:innen im Raum auf mindestens ein Mikrofon ausgerichtet sind.

Wenn Sie ein einzelnes Mikrofon installieren, empfehlen wir, es vorne am Tisch zu montieren und nicht über der Mitte (Abbildung 4). Dadurch wird sichergestellt, dass alle Teilnehmer, einschließlich der ersten Reihe, auf das Mikrofon ausgerichtet sind, wenn sie zum Videosystem sprechen. Wenn der Abstand des Mikrofons zu den Teilnehmer:innen dadurch zu groß ist, empfehlen wir die Installation eines zweiten Mikrofons (Abbildung 5).

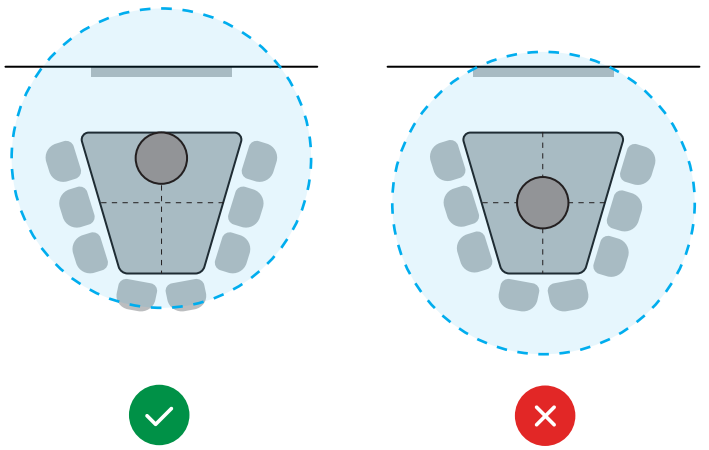


Abb. 4

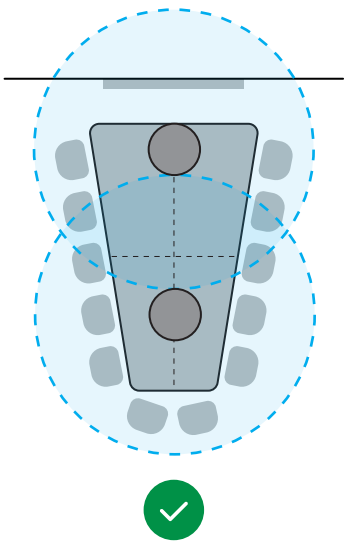


Abb. 5

Eine optimale Installation liegt innerhalb dieser Grenzen. Die Raumakustik beeinflusst die Mikrofonleistung sowie der Grad der Verschlechterung außerhalb der Grenzen. Installieren Sie das Mikrofon in einem Raum mit schlechter akustischer Umgebung am unteren Ende der empfohlenen Skala.

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In Kombination mit Videosystemen

Wenn Ihr Videosystem über interne Mikrofone für die Sprachaufnahme verfügt, kann das Deckenmikrofon Pro den Mikrofon-Aufnahmebereich so erweitern und die Sprachaufnahme für Teilnehmer weiter hinten im Raum verbessern (Abbildung 6). Montieren Sie das Deckenmikrofon Pro am Rand des Mikrofon-Aufnahmebereichs des Videosystems:

- Cisco Room Bar 3 m/10 ft
- Cisco Room Bar Pro, Cisco Board Pro 4 m/13 ft

Um das Ceiling Microphone Pro mit den internen Mikrofonen an Board Pro oder Room Bar Pro zu verwenden, führen Sie nach der Installation unbedingt den Assistenten für External Microphone Voice Tracking aus.

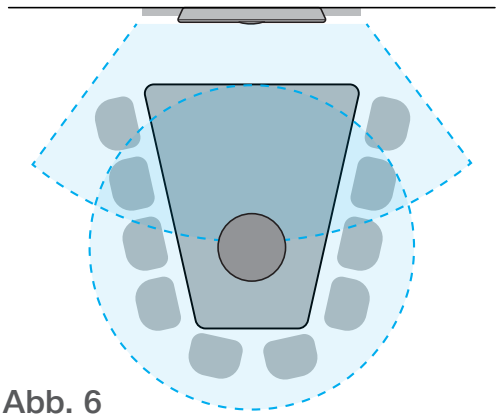


Abb. 6

Weitere Überlegungen

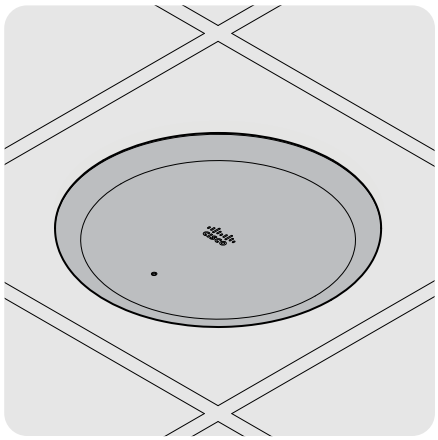
- Stellen Sie sicher, dass sich keine von der Decke herabhängenden Objekte (z.B. Lampen, Gebäudeelemente usw.) zwischen dem Mikrofon und allen potenziellen Teilnehmern befinden.
- Platzieren Sie das Mikrofon nicht in der Nähe von Geräuschquellen wie Belüftungen oder anderen technischen Installationen.
- Wir empfehlen, das Deckenmikrofon nicht in der Nähe von Lautsprechern im Raum zu installieren.

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Gewünschte Montageoption auswählen

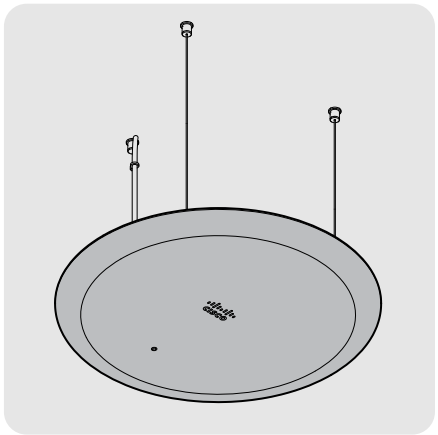
A Abgehängte Decken

Zur Seite 154



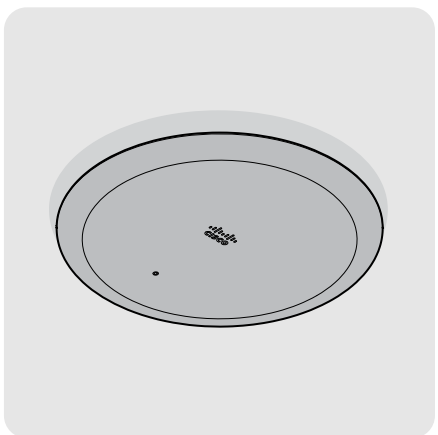
B Drahtaufhängung

Zur Seite 163



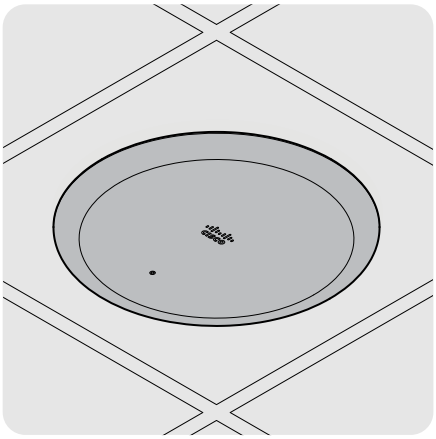
C Rohdecke

Zur Seite 168



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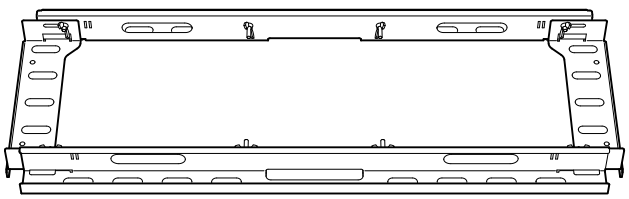
A Abgehängte Decken

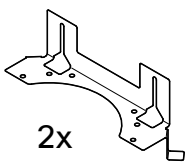


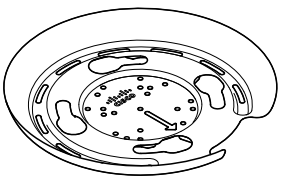
Vorbereitungen:

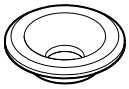
- Anweisungen zur Raumvorbereitung lesen.
- Das Mikrofon mit Deckenrahmen wiegt 3.5 kg/7 lbs. Stellen Sie sicher, dass die Decke das Produkt sicher tragen kann.
- Denken Sie über die beste Platzierung des Ethernet-Kabels nach.
- Stellen Sie sicher, dass Sie das hier abgebildete Montagekit zur Hand haben:

Rastermontage-Kit für abgehängte Decken
CS-MIC-CLGP-DMK



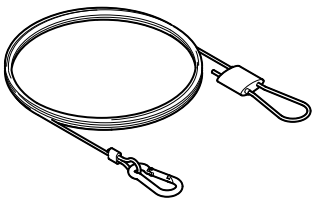










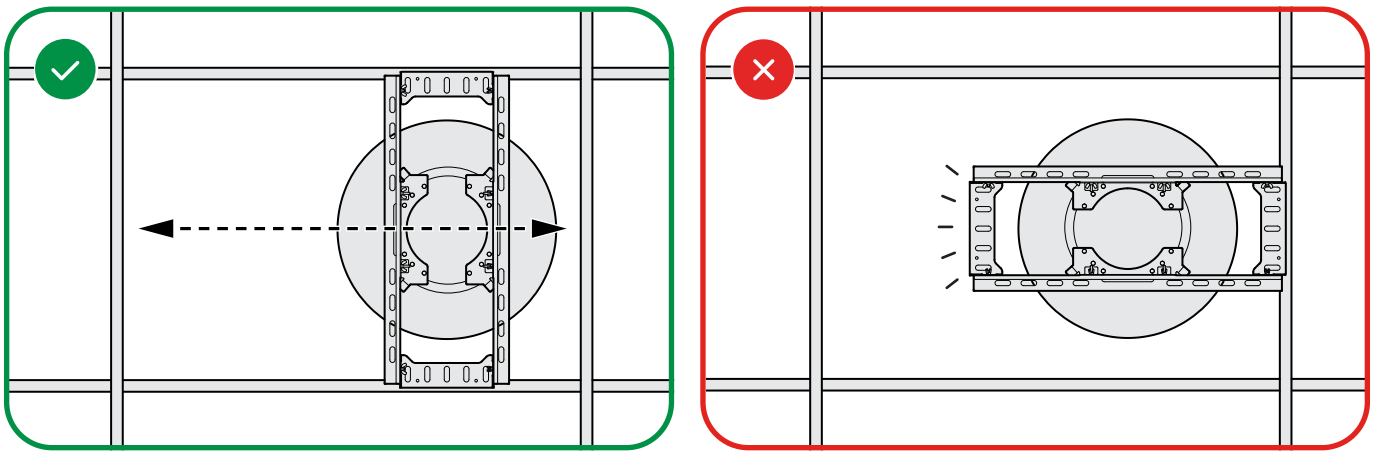


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A

Nicht mittige Platzierung

Wenn Sie das Mikrofon nicht mittig auf der Platte installieren möchten, positionieren Sie den Montagerahmen so, dass er auf den T-Trägern für die abgehängte Decke aufliegt.

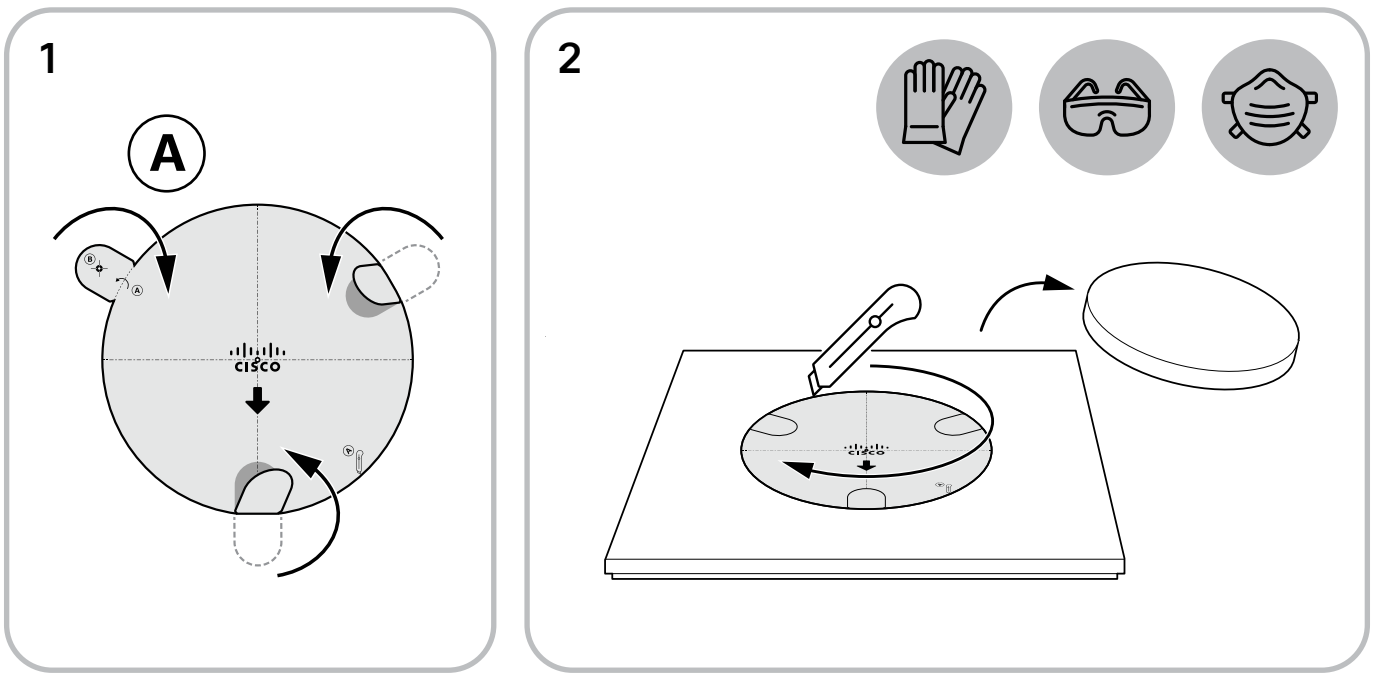


Flexible Rahmenausrichtung mit Mikrofon.

---

1 Bereiten Sie die Platte vor.

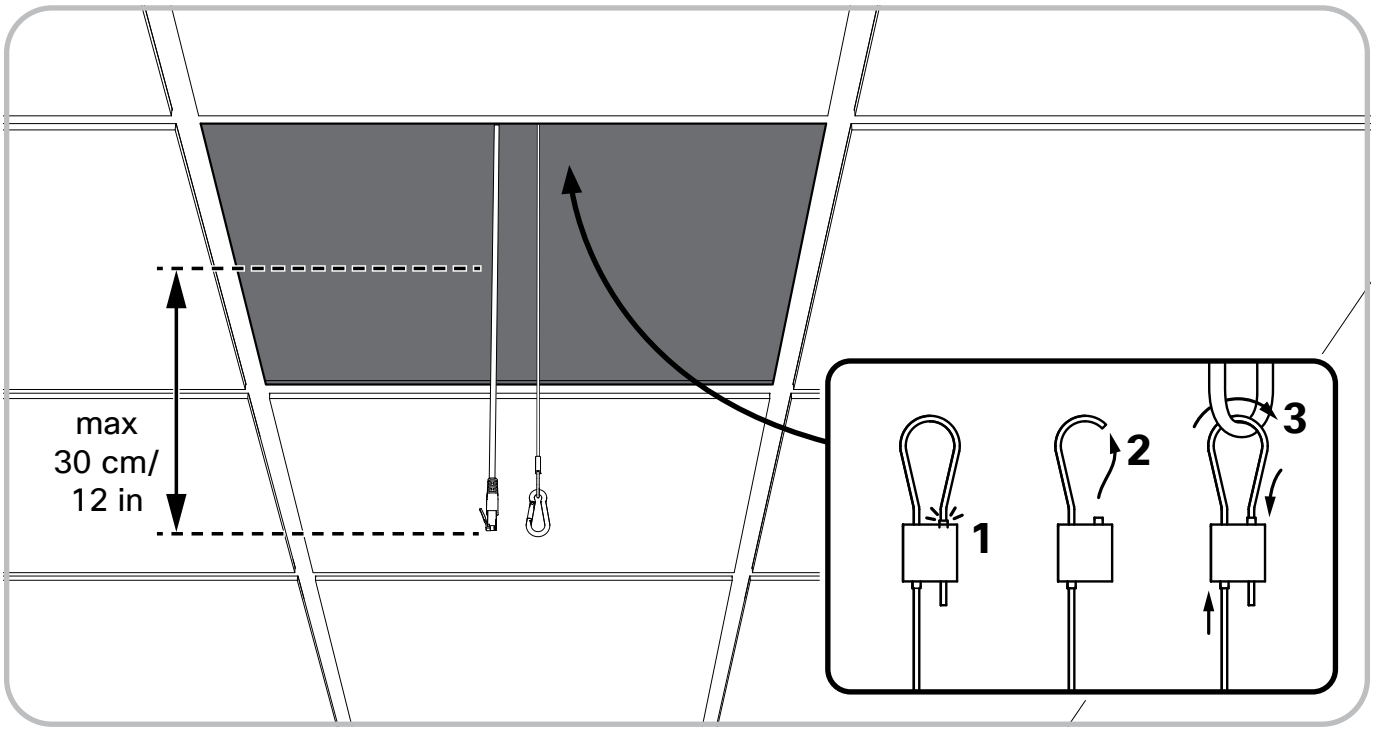
Entfernen Sie die Deckenplatte und schneiden Sie mit der Vorlage ein Loch hinein.



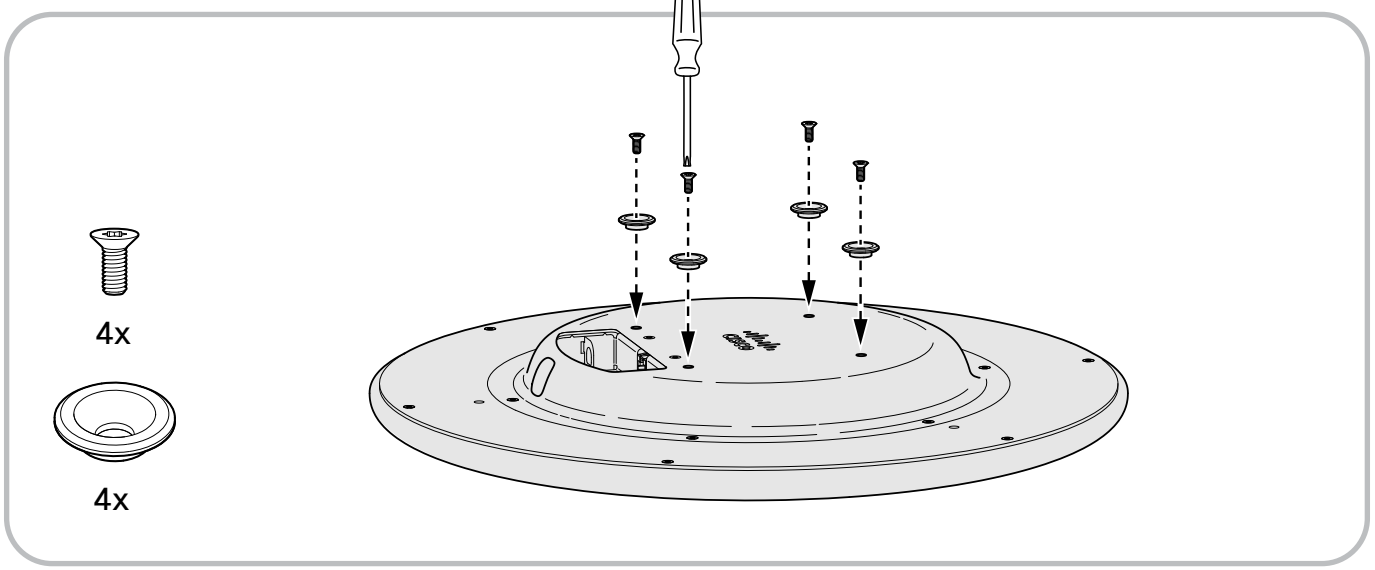
A

2 Bereiten Sie das Sicherheitsseil und das Ethernet-Kabel vor.

Befestigen Sie das Sicherheitsseil an einem sicheren Punkt über den Deckenplatten, sodass der Haken ca. 30 cm/12 in von der Decke hängt.



3 Befestigen Sie die vier Interface Discs am Mikrofon.

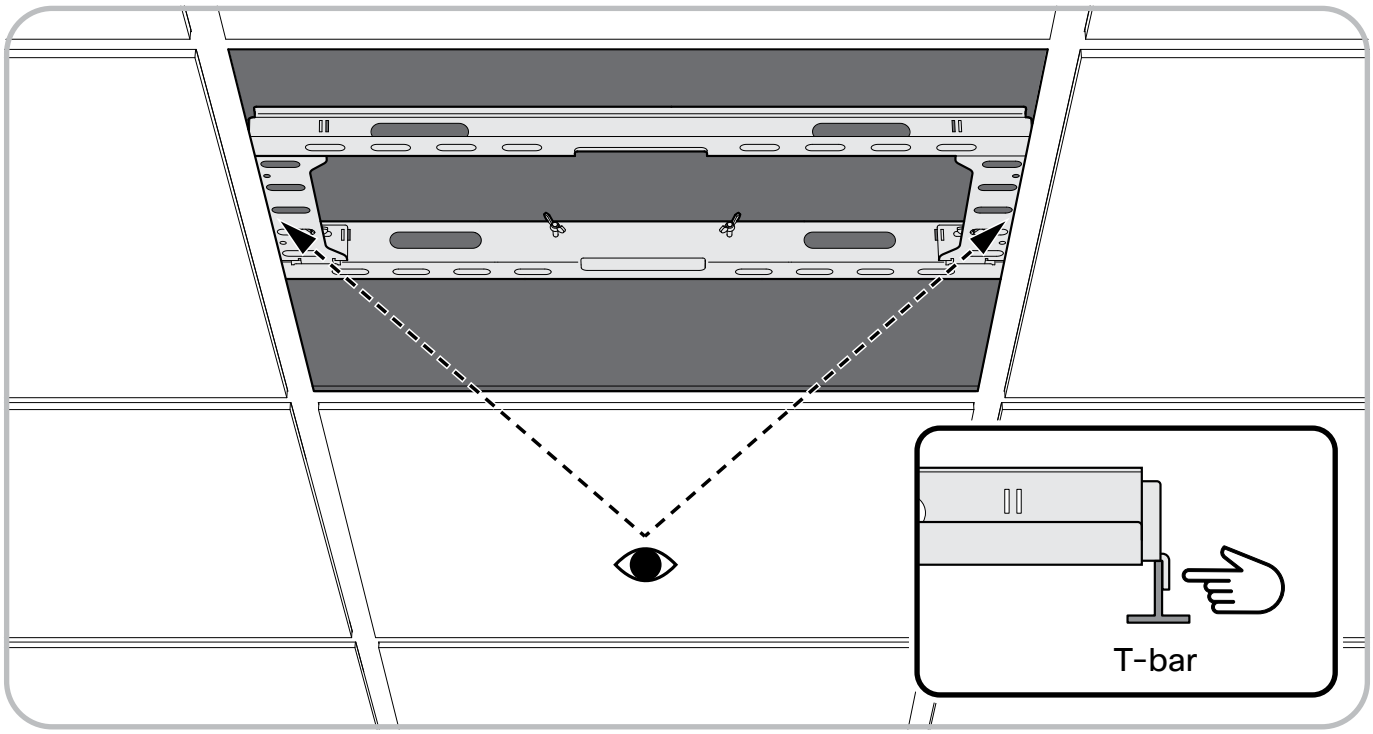


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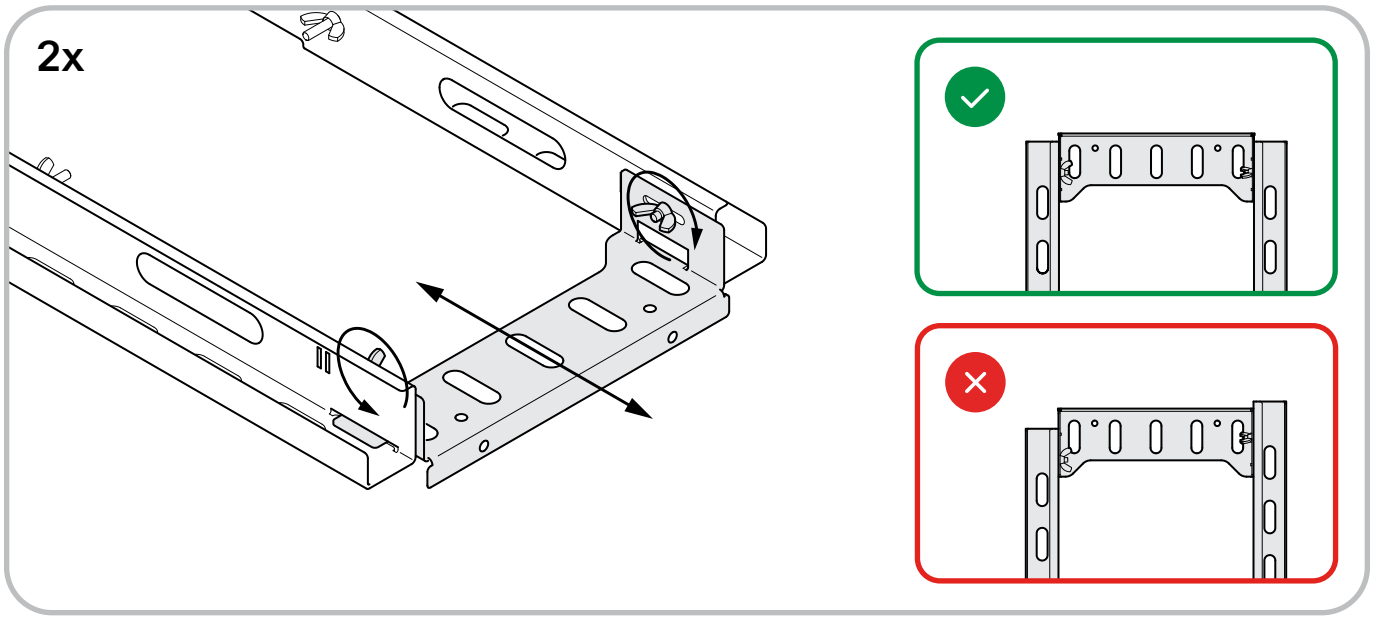
A

4 Passen Sie den Rahmen an.

Stellen Sie den Rahmen vorübergehend auf den T-Trägern ab und passen Sie ihn an, bis er in den T-Trägern einrastet. Ziehen Sie die Flügelmuttern fest. Nehmen Sie den Rahmen dann herunter.



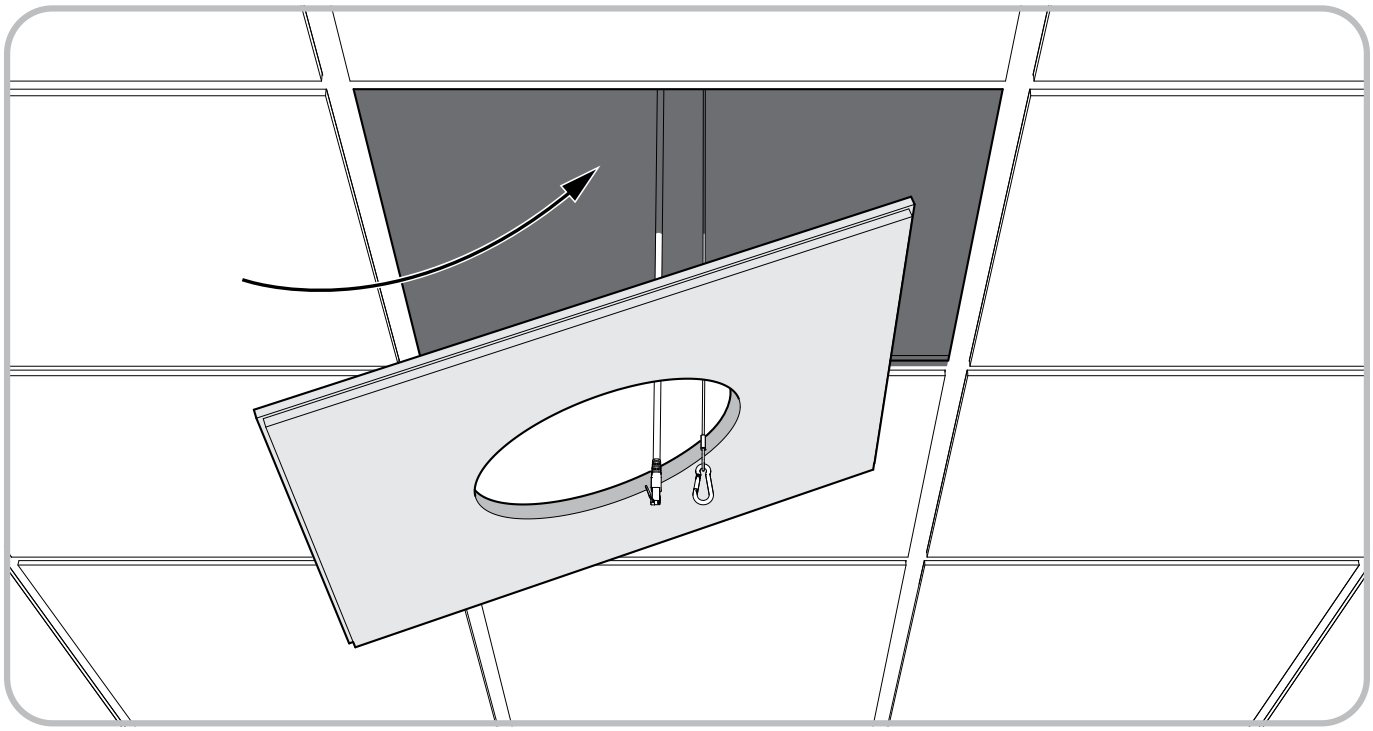
⚠ Stellen Sie sicher, dass die Schienen parallel ausgerichtet sind.



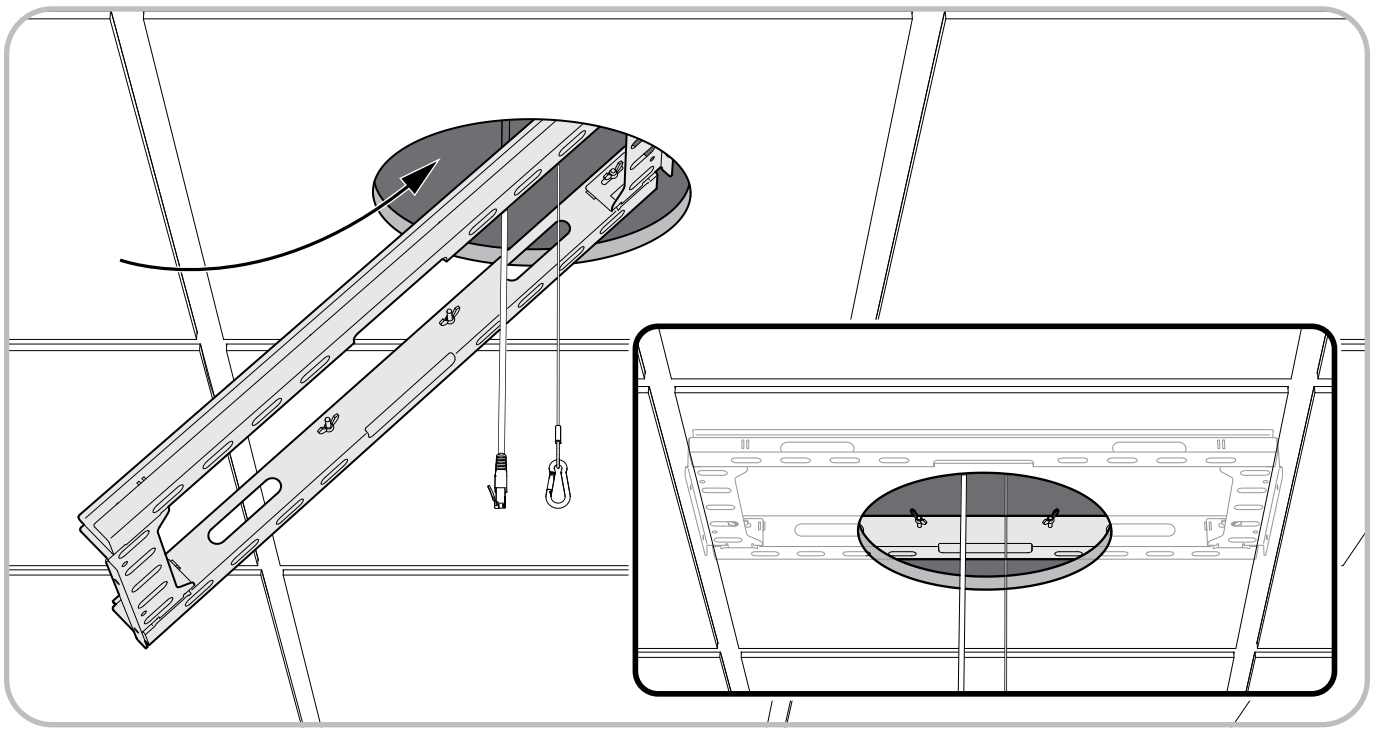
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A

5 Bringen Sie die Platte wieder an.



6 Setzen Sie den Rahmen fest auf die T-Träger.

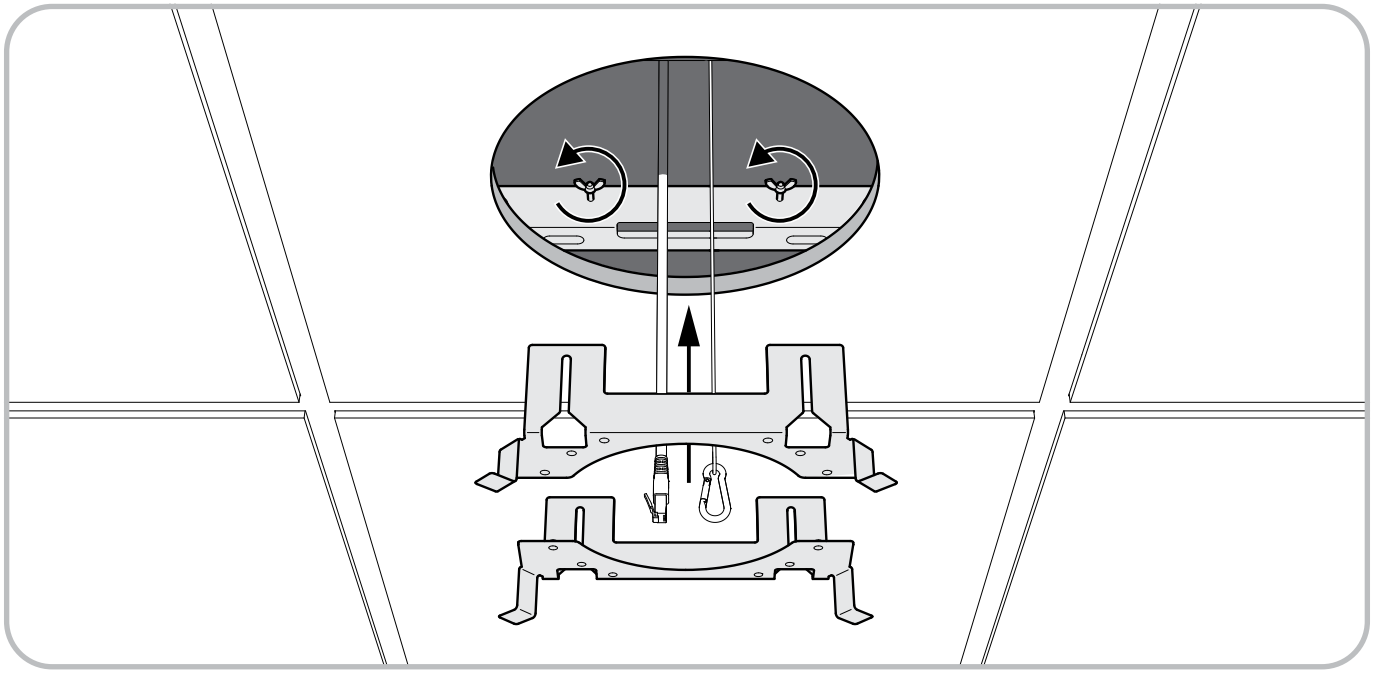


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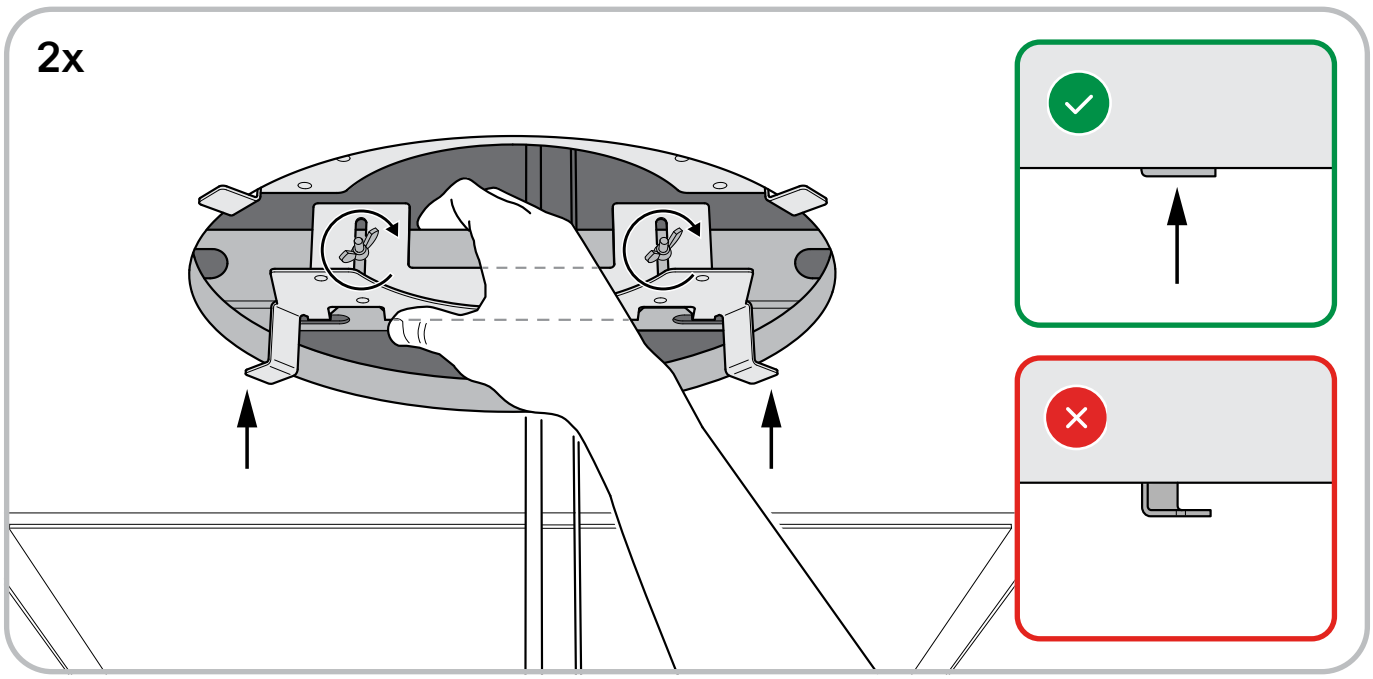
A

7 Montieren Sie die Halterungen.

Lösen Sie die Flügelmuttern vom Rahmen und setzen Sie eine Halterung auf jede Seite des Rahmens.



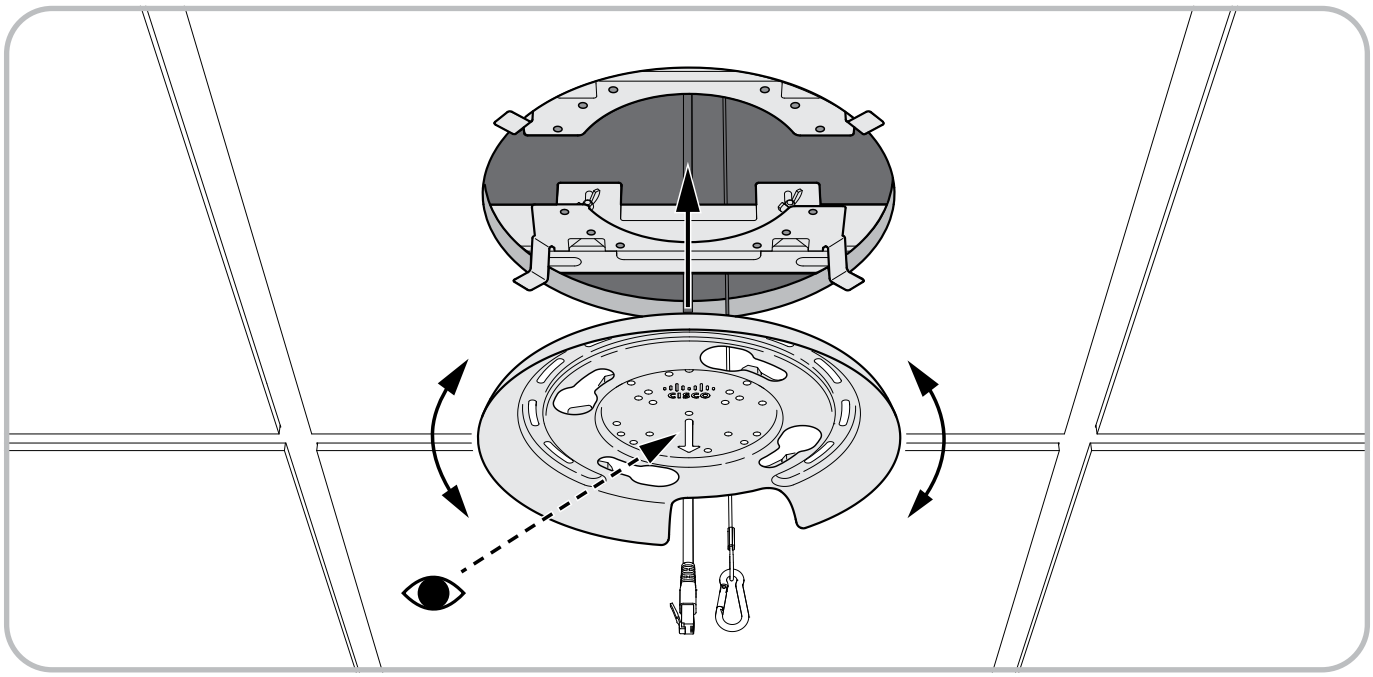
Passen Sie die Höhe der Halterung so an, dass die Haken mit der Außenseite der Deckenplatte bündig sind. Ziehen Sie die Flügelmuttern am Rahmen fest.



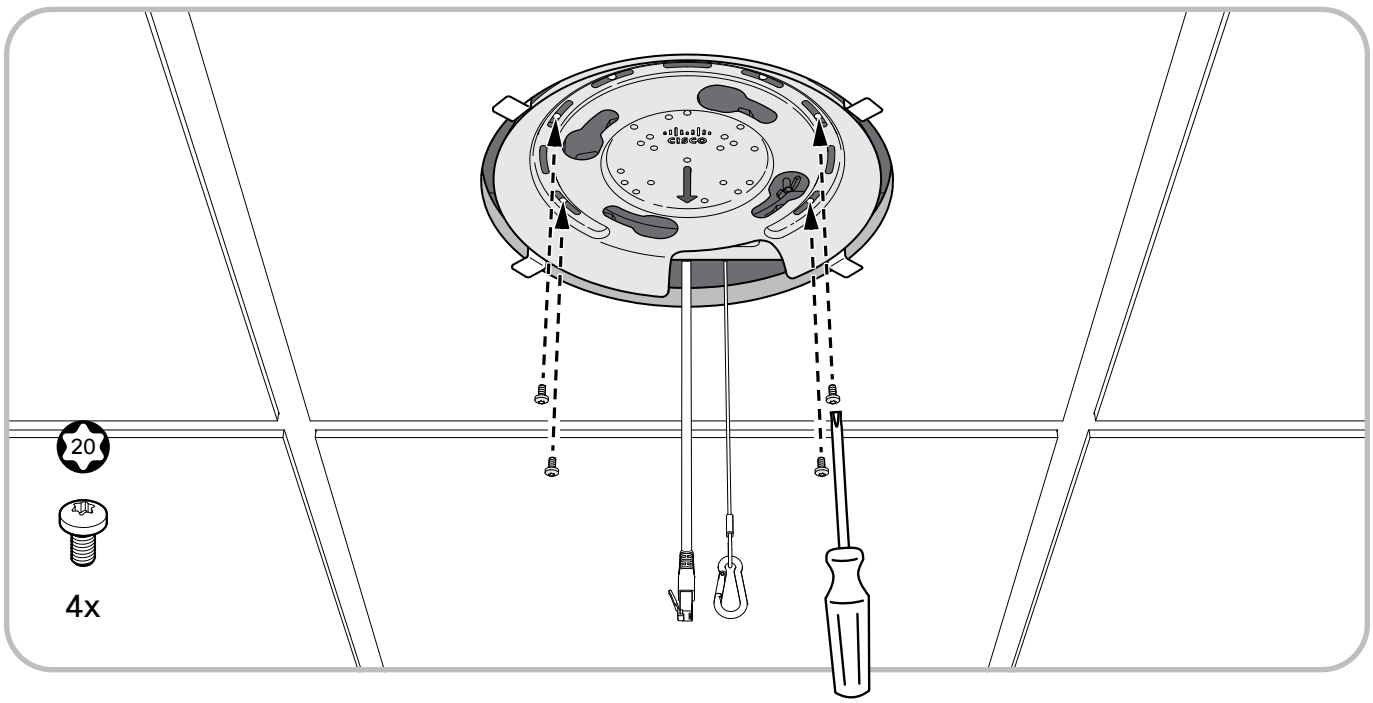
A

8 Montieren Sie die Schale.

Positionieren Sie die Schale so, dass der Pfeil auf den Hauptbildschirm zeigt. Führen Sie die Kabel durch den Kabelschacht.



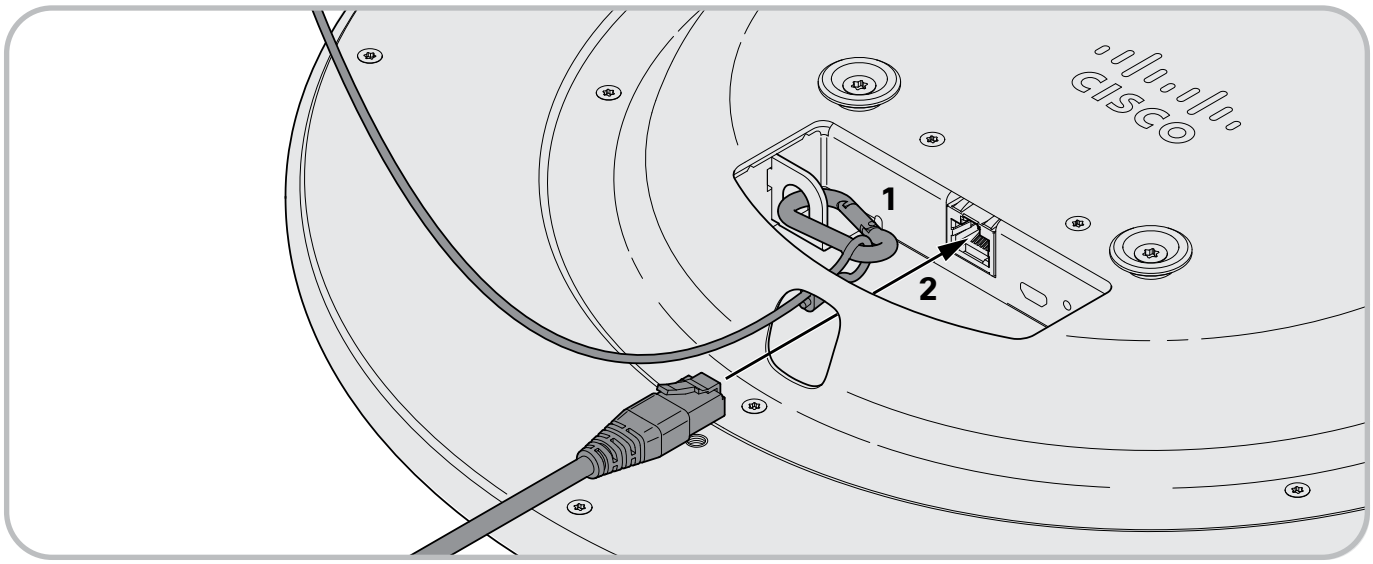
Befestigen Sie die Schale an den vier Rahmenlöchern. Wenn vier Löcher nicht korrekt ausgerichtet sind, wiederholen Sie Schritt 4.



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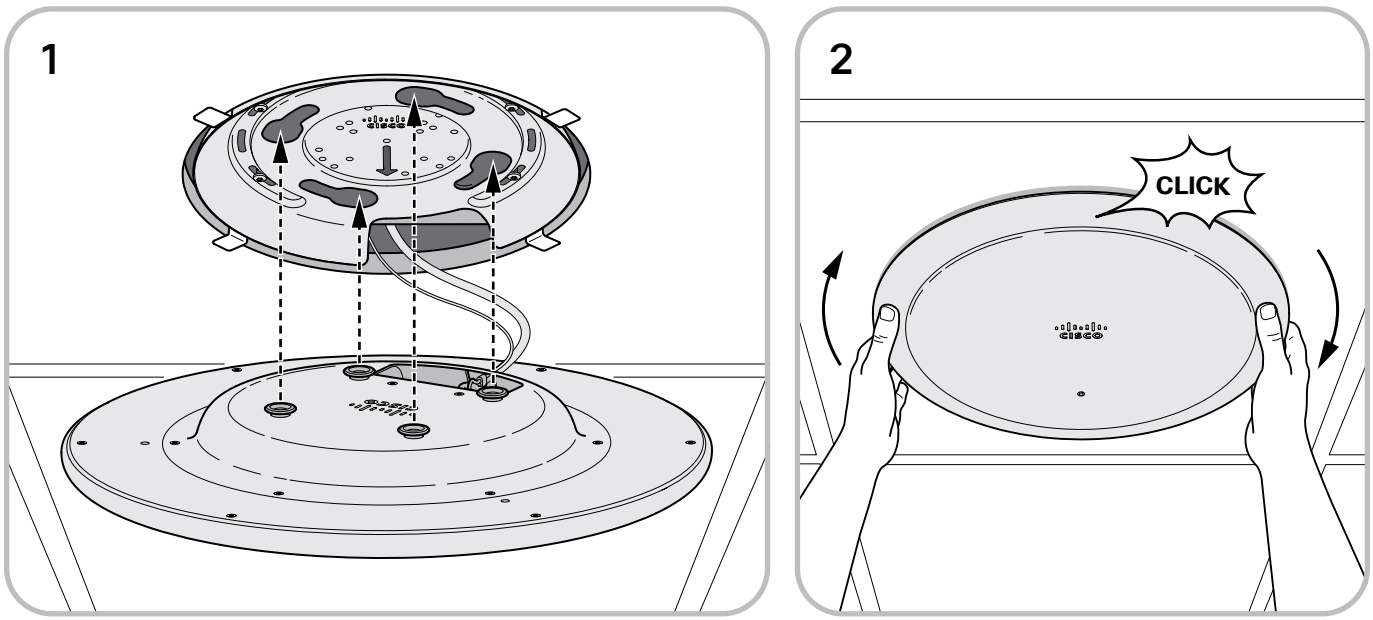
A

9 Schließen Sie das Sicherheitsseil und das Ethernet-Kabel an.



10 Bringen Sie das Mikrofon an.

Platzieren Sie das Mikrofon so in der Schale, dass die Interface-Discs in die Löcher gleiten. Drehen Sie das Mikrofon im Uhrzeigersinn, bis es mit einem Klicken einrastet. Achten Sie darauf, die Deckenplatte nicht zu verschieben.



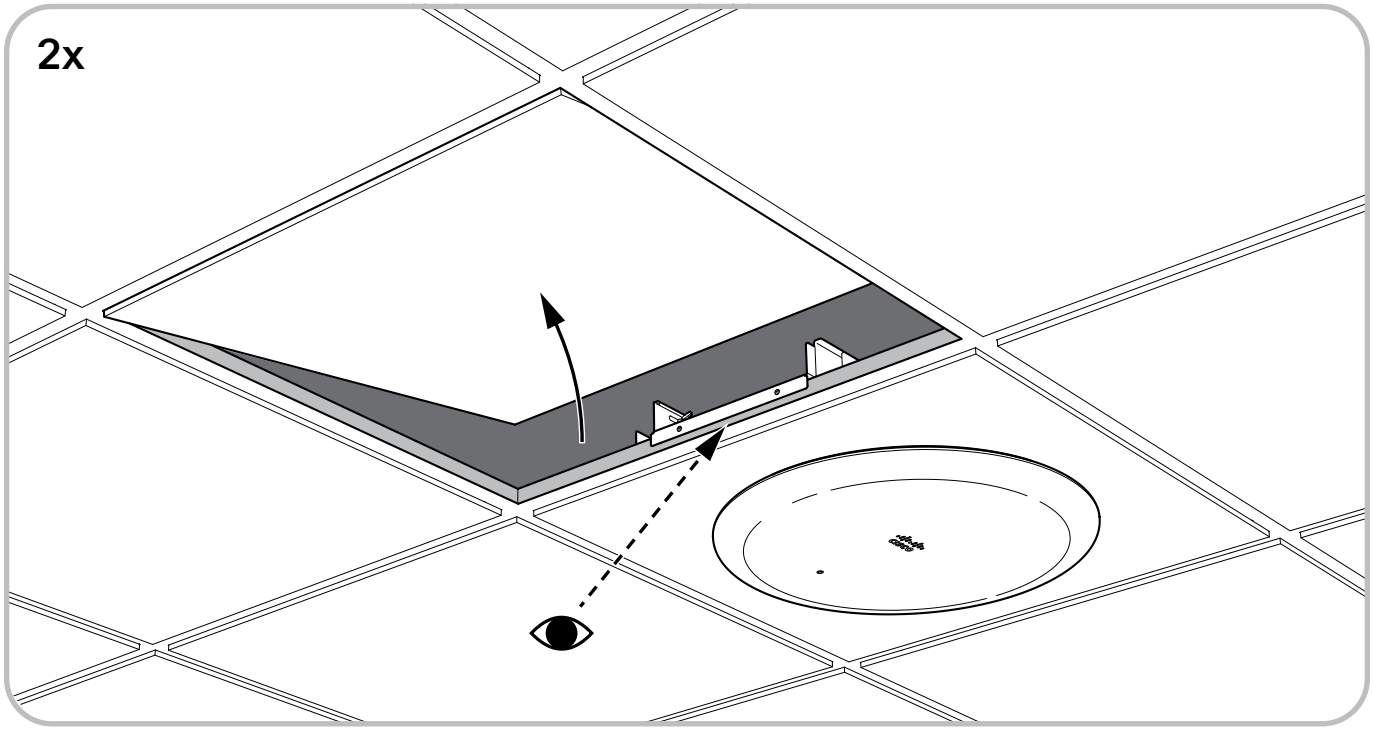
Wenn Sie das Mikrofon entfernen möchten, drehen Sie es gegen den Uhrzeigersinn, bis es sich von der Schale löst.

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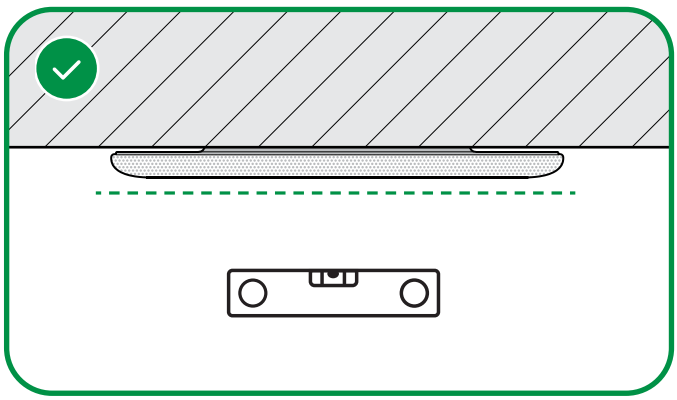
A

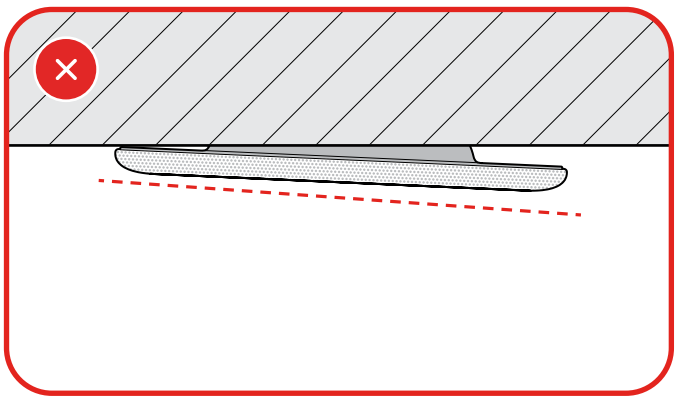
11 Achten Sie auf die richtige Positionierung.

Heben Sie die angrenzende Platte an, um zu überprüfen, ob der Rahmen richtig positioniert ist.



Stellen Sie sicher, dass das Mikrofon vollständig bündig mit der Deckenplatte abschließt.



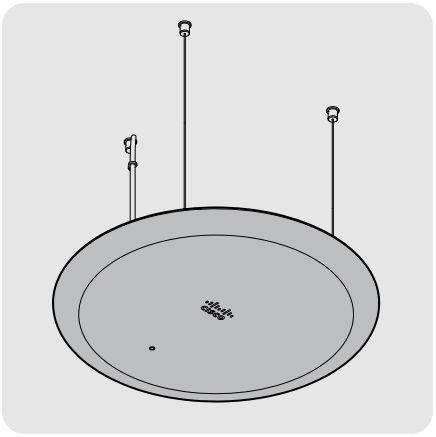


12 Setzen Sie die Einrichtung fort.

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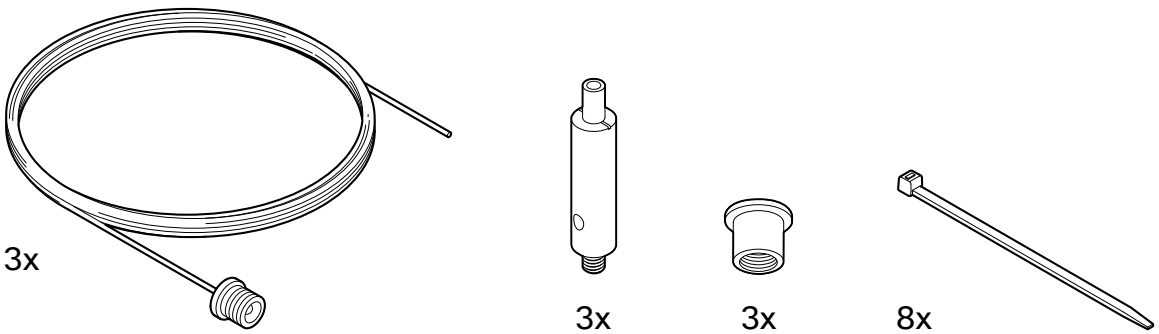
B Drahtaufhängung



Vorbereitungen:

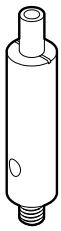
- Anweisungen zur Raumvorbereitung lesen.
- Das Mikrofon wiegt 2.7 kg/5 lbs. Stellen Sie sicher, dass die Decke das Produkt sicher tragen kann.
- Legen Sie die geeigneten Schrauben und Befestigungselemente bereit.
- Denken Sie über die beste Platzierung des Ethernet-Kabels nach.
- Stellen Sie sicher, dass Sie das hier abgebildete Montagekit zur Hand haben:

Montage-Kit für Drahtaufhängung CS-MIC-CLGP-WHK

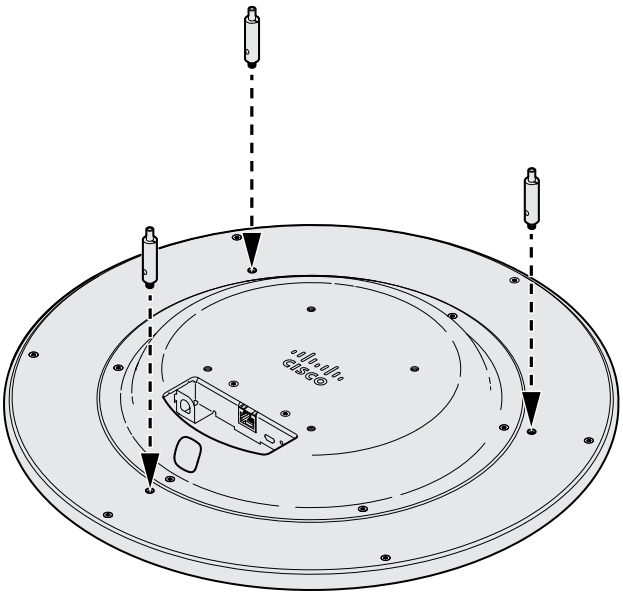


B

1 Befestigen Sie die drei Drahtadern am Mikrofon.

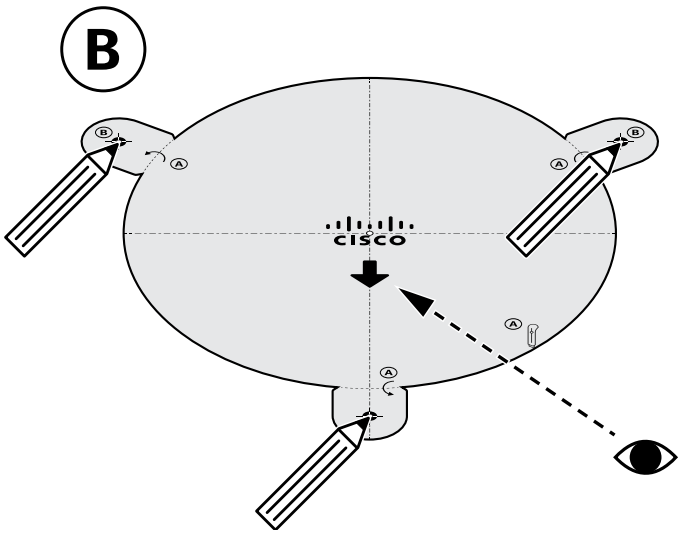


3x



2 Markieren Sie, wo die drei Drähte befestigt werden sollen.

Befestigen Sie die Bohrvorlage so an der Decke, dass der Pfeil zum Hauptbildschirm zeigt.

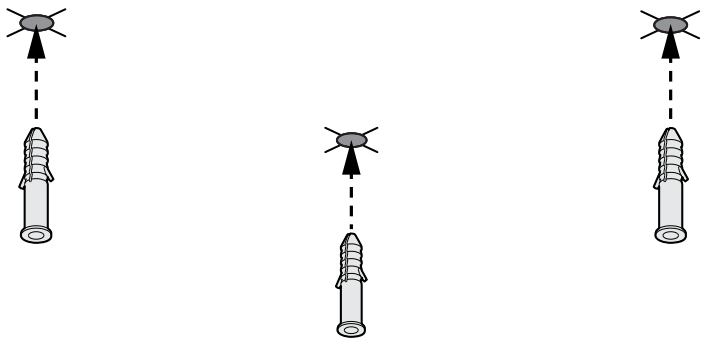


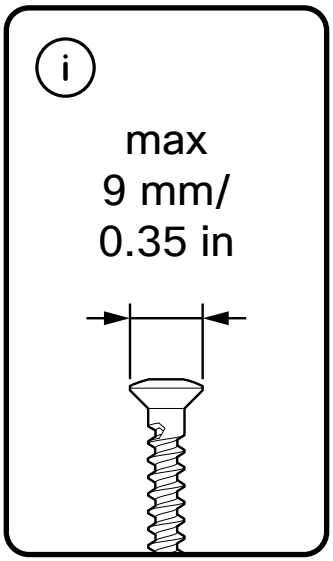
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B

3 Bohren Sie die Löcher.

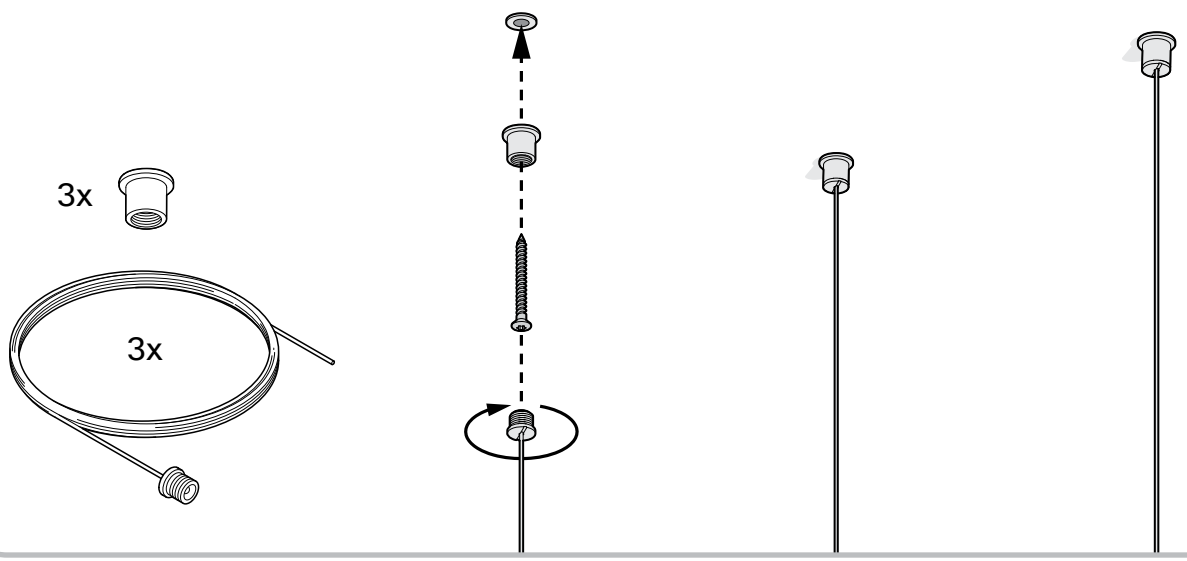
Je nach Art der Decke müssen Sie möglicherweise Dübel verwenden.





4 Befestigen Sie die Drähte an der Decke.

Schrauben Sie die Deckenhalterungen an die Decke. Rollen Sie die Drähte ab und befestigen Sie sie an den Deckenhalterungen.

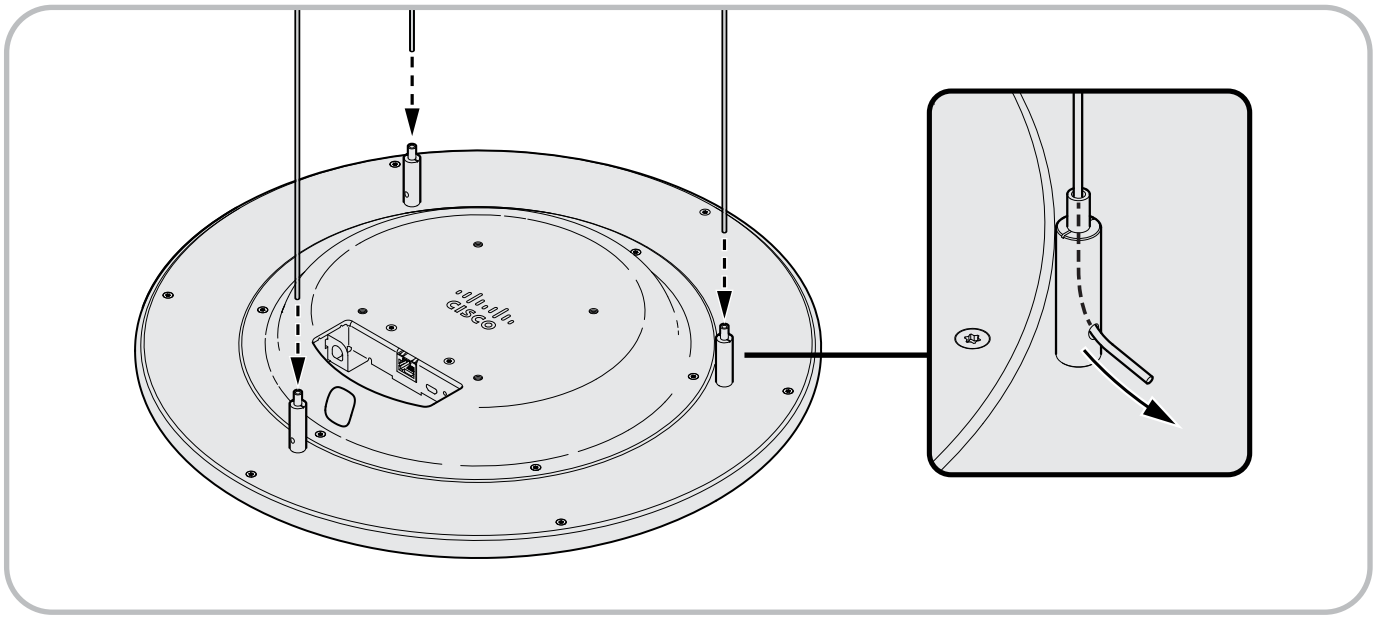


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B

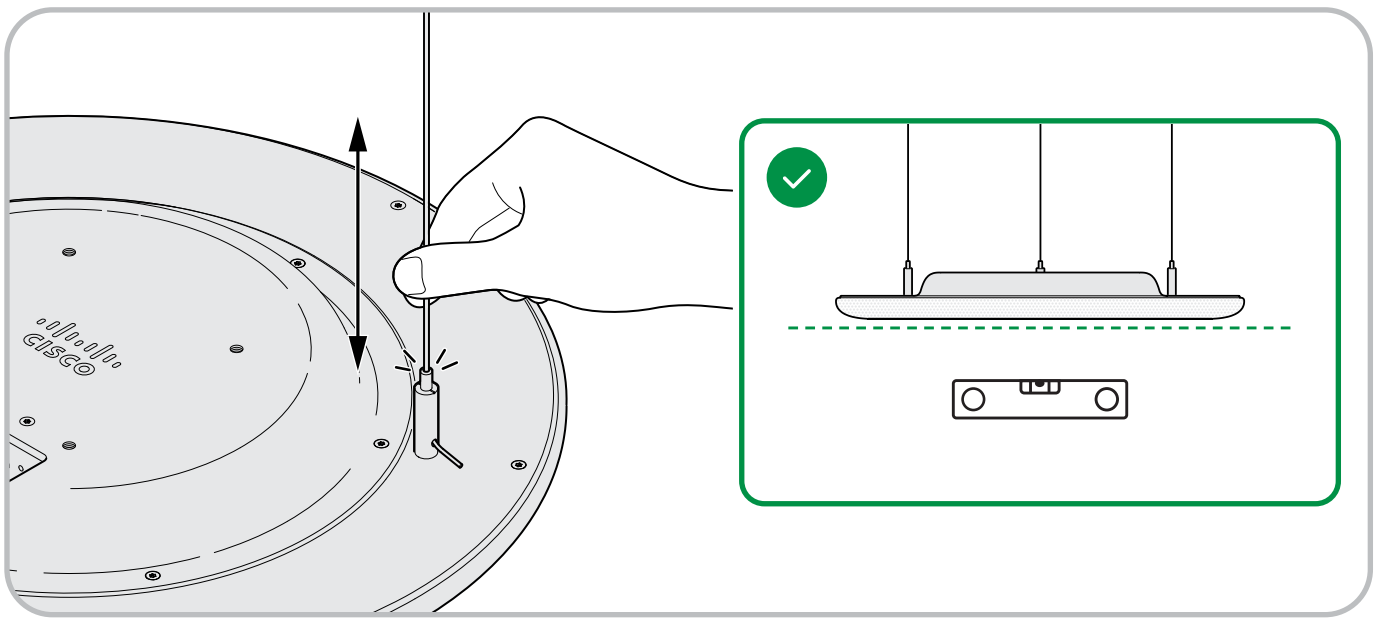
5 Befestigen Sie die Drähte am Mikrofon.

Stellen Sie das Mikrofon auf einer ebenen Oberfläche ab, sodass der Ethernet-Port zum Hauptbildschirm zeigt. Schieben Sie die Drähte in die Drahtadern.



6 Stellen Sie die Mikrofonhöhe auf 2 bis 3.5 m/7 bis 12 ft über dem Boden ein.

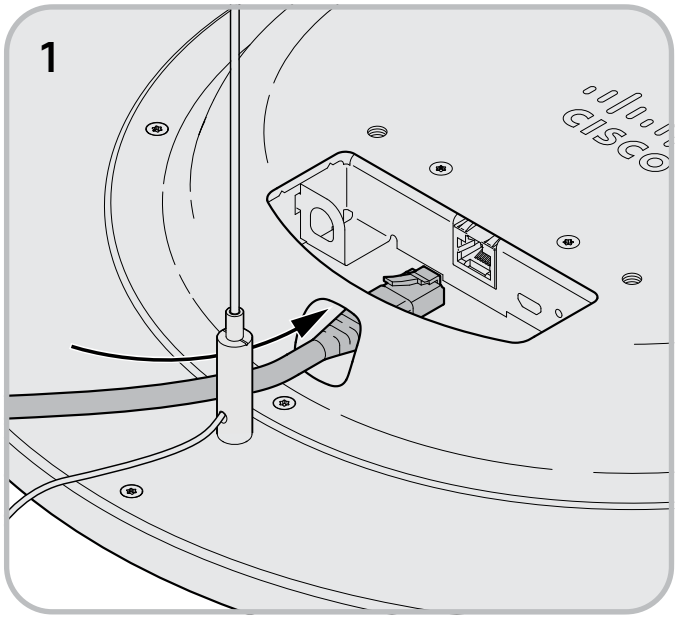
Drücken Sie die Spitze der Drahtader zusammen und schieben Sie den Draht nach oben oder unten.

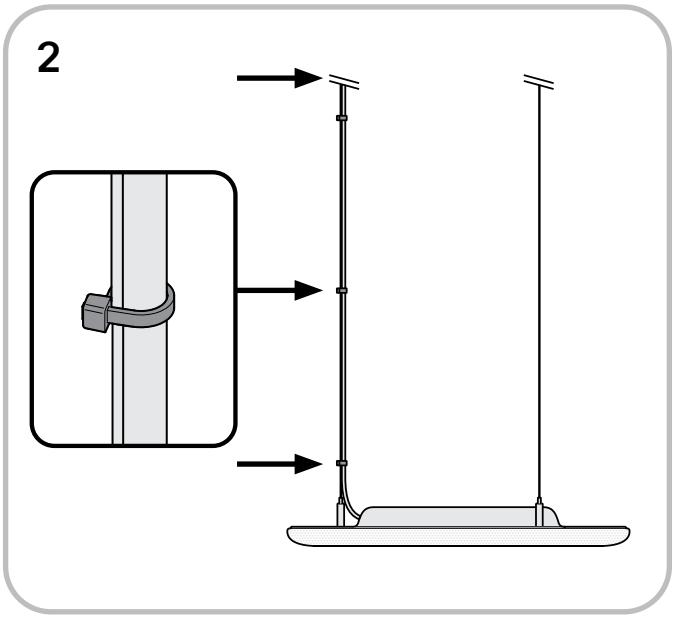


B

7 Verbinden Sie das Ethernet-Kabel mit dem Mikrofon.

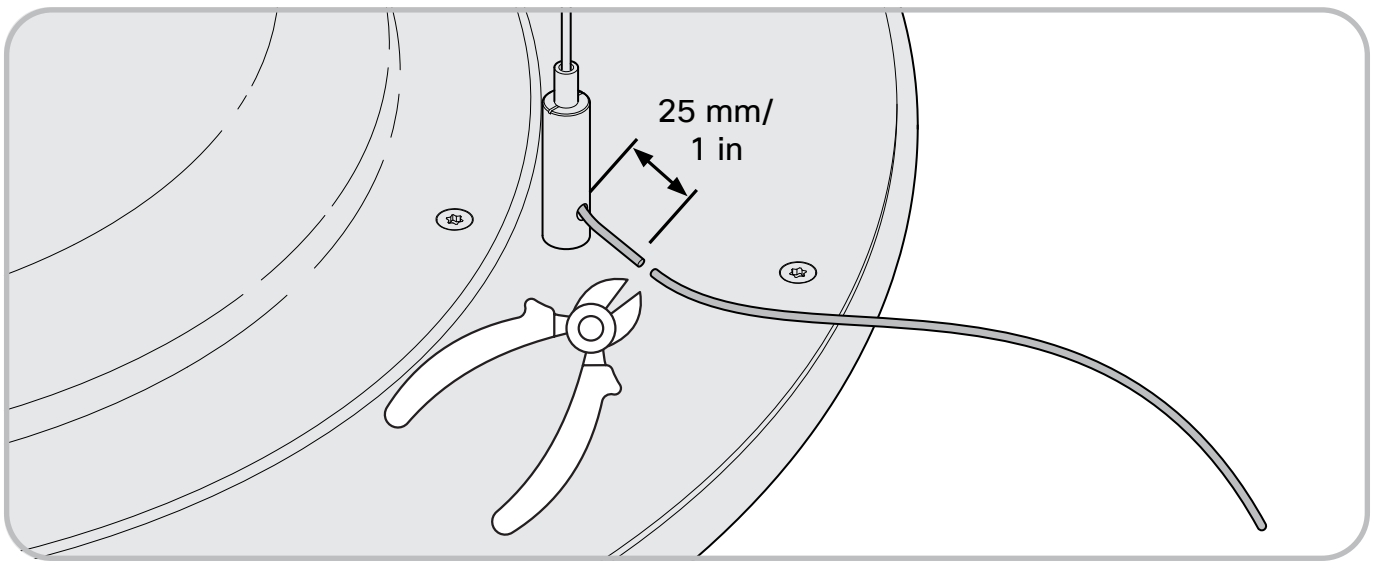
Verwenden Sie Kabelbinder, um das Kabel am nächstgelegenen Draht zu befestigen.





8 Kürzen Sie die Drähte.

Wenn Sie mit der Höhe des Mikrofons zufrieden sind, schneiden Sie die Enden der Drähte 25 mm/1 in von den Adern entfernt ab.

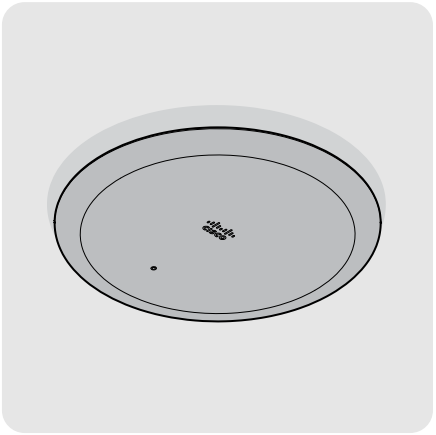


9 Setzen Sie die Einrichtung fort.

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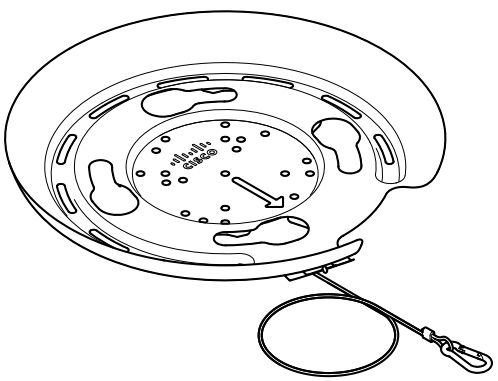
C Rohdecke

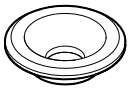


Vorbereitungen:

- Anweisungen zur Raumvorbereitung lesen.
- Das Mikrofon mit Schale und Interface-Discs wiegt 2.8 kg/6 lbs. Stellen Sie sicher, dass die Decke das Produkt sicher tragen kann.
- Legen Sie die geeigneten Schrauben und Befestigungselemente bereit.
- Denken Sie über die beste Platzierung des Ethernet-Kabels nach.
- Stellen Sie sicher, dass Sie das hier abgebildete Montagekit zur Hand haben:

Montage-Kit für Rohdecken
CS-MIC-CLGP-CBK





4x

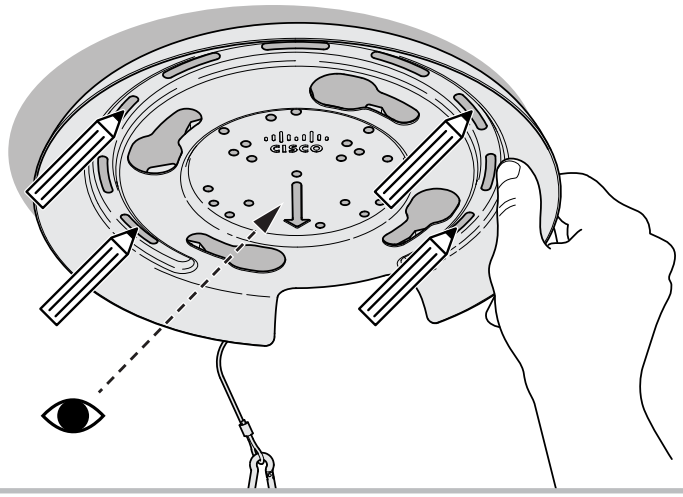


4x

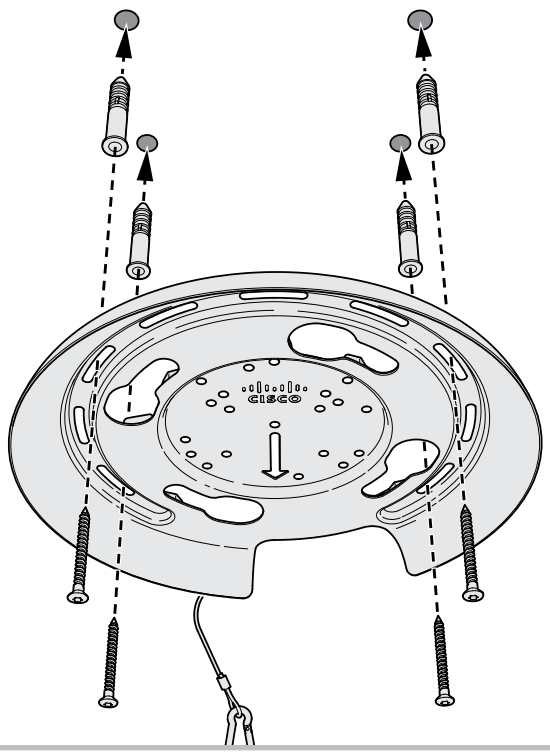
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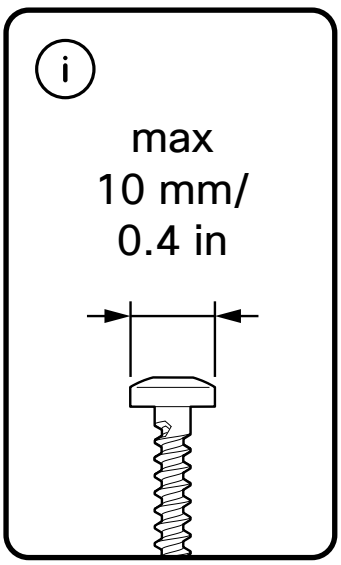
C

1 **Markieren Sie, wo die Schrauben eingesetzt werden.**
Halten Sie die Schale so gegen die Decke, dass der Pfeil zum Hauptbildschirm zeigt.



2 **Bohren Sie die Löcher und montieren Sie die Schale.**
Je nach Art der Decke müssen Sie möglicherweise Dübel verwenden.

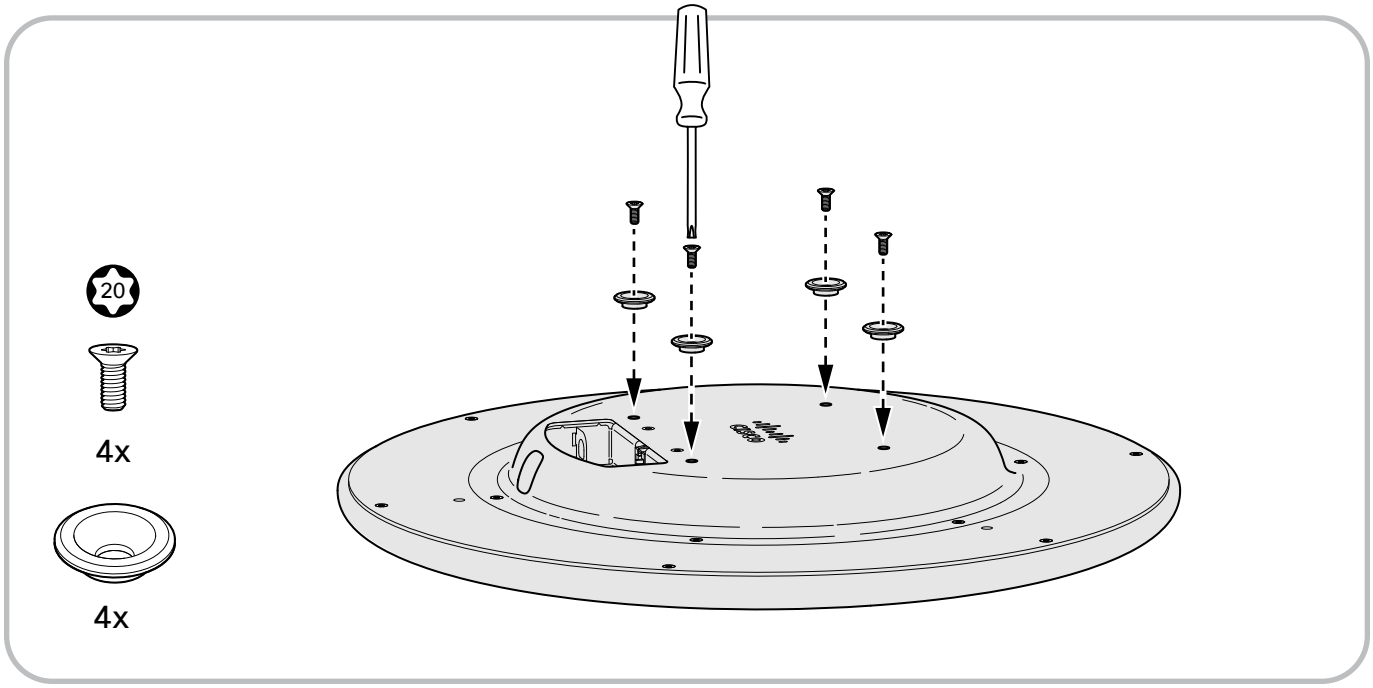




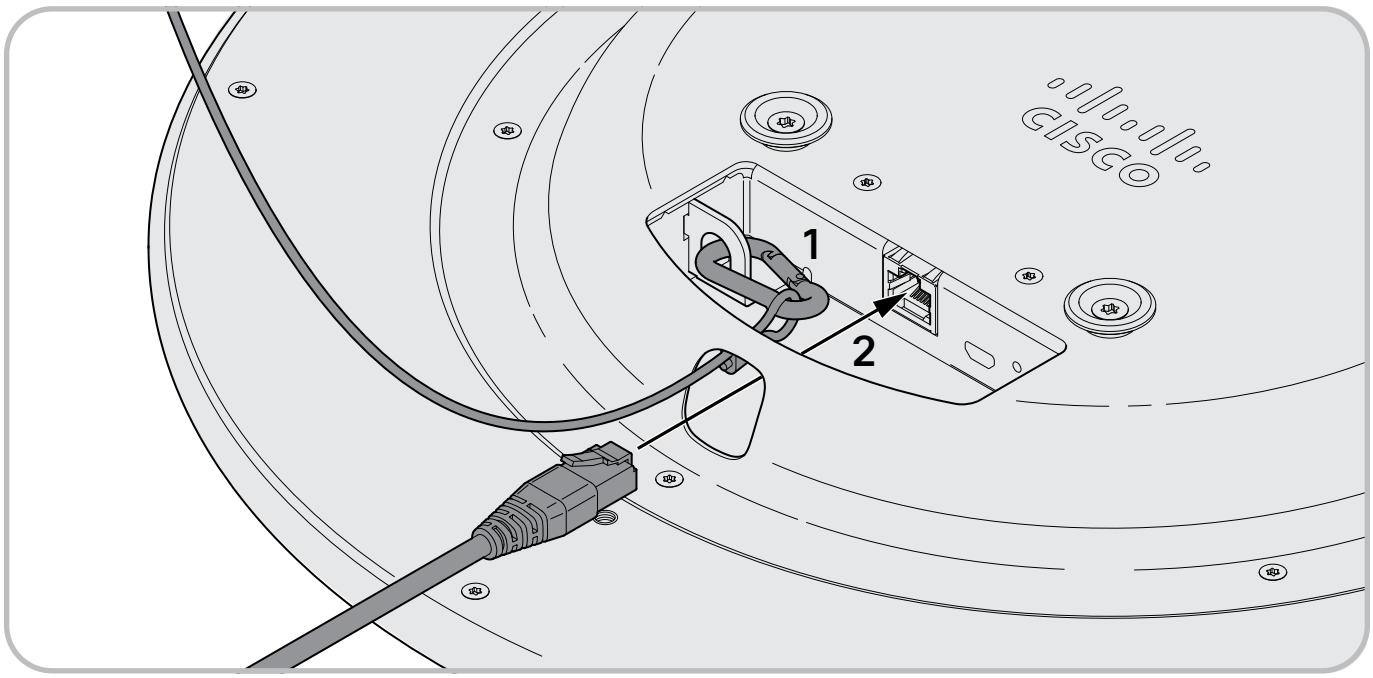
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C

3 Befestigen Sie die vier Interface Discs am Mikrofon.



4 Schließen Sie das Sicherheitsseil und das Ethernet-Kabel an.



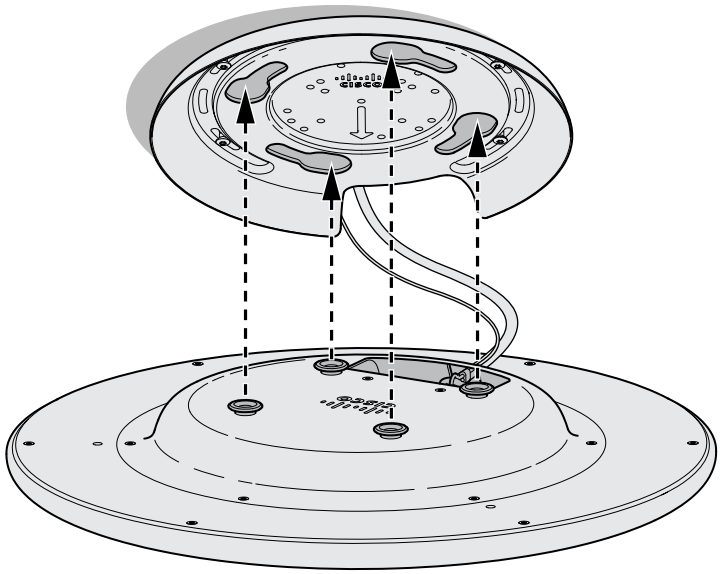
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C

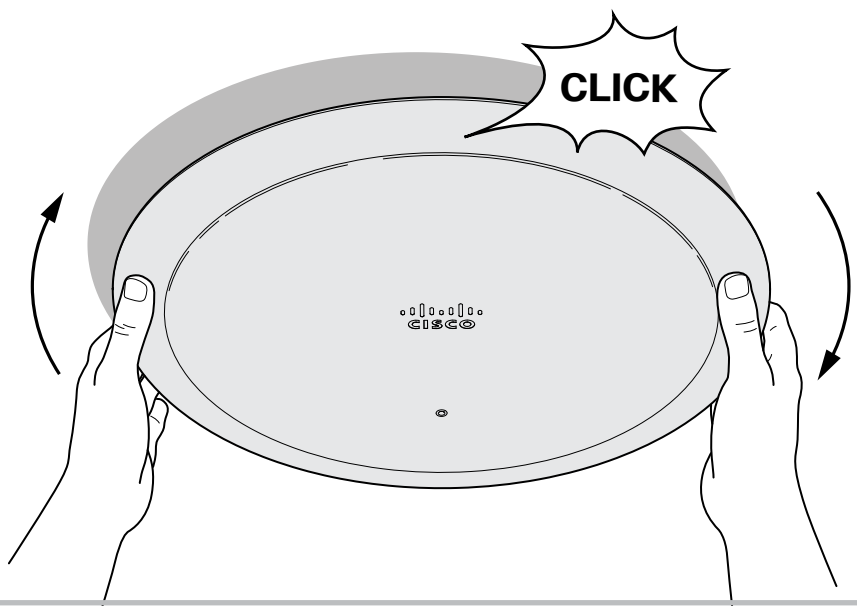
5 Bringen Sie das Mikrofon an.

Platzieren Sie das Mikrofon so in der Schale, dass die Interface-Discs in die Löcher gleiten. Drehen Sie das Mikrofon im Uhrzeigersinn, bis es mit einem Klicken einrastet.

1



2



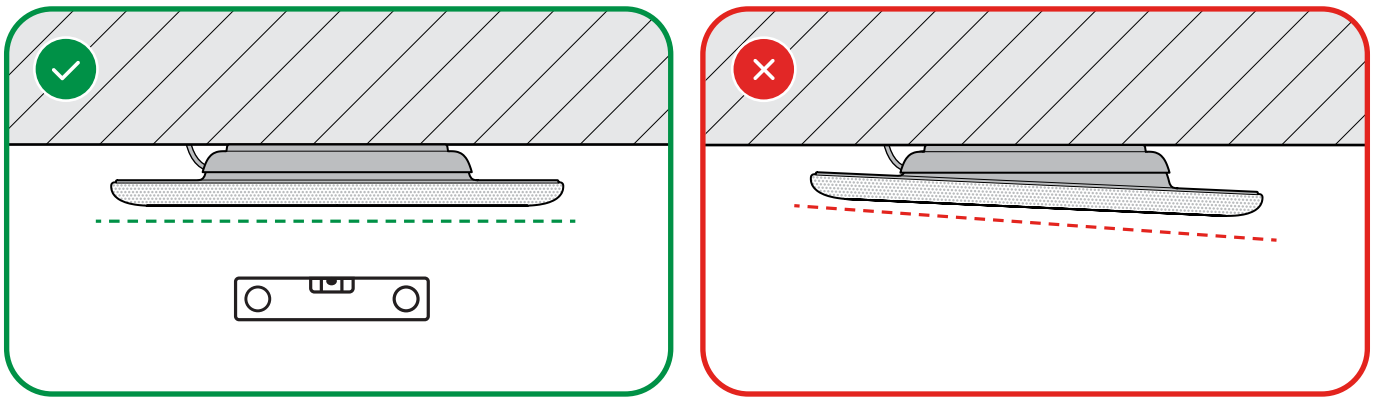
Wenn Sie das Mikrofon entfernen möchten, drehen Sie es gegen den Uhrzeigersinn, bis es sich von der Schale löst.

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C

6 Achten Sie auf die richtige Positionierung.

⚠ Stellen Sie sicher, dass das Mikrofon vollständig bündig mit der Decke abschließt.



7 Setzen Sie die Einrichtung fort.

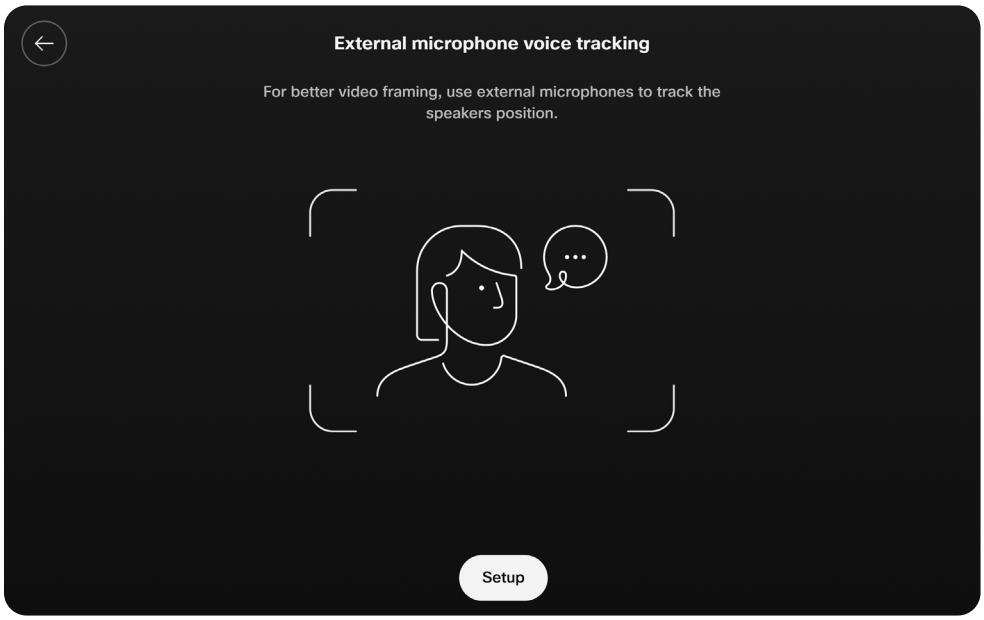
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Mikrofon einrichten

Verbinden Sie das Mikrofon mit dem PoE-Switch oder mit dem Port des Videosystems. Wenn das Gerät eingeschaltet ist, führen Sie auf dem Touch-Controller in den Geräteeinstellungen die Einrichtung „Externes Mikrofon Sprach-Tracking“ aus:

1. Öffnen Sie auf dem Startbildschirm des Touch-Controllers die Systemsteuerung.
2. Tippen Sie auf „Geräteeinstellungen“. Scrollen Sie zu „Mikrofon“ und tippen Sie darauf.
3. Wählen Sie „Externes Mikrofon Sprach-Tracking“ (Sprachnachverfolgung mit externem Mikrofon) aus und tippen Sie anschließend auf „Setup“ (Einrichtung).



Wenn das Mikrofon gestartet wird, leuchtet die dem Benutzer zugewandte LED auf der Vorderseite durchgehend weiß. Während der Einrichtung blinkt die LED weiß, wenn eine Verbindung hergestellt wird oder Updates ausgeführt werden. Wenn diese Vorgänge abgeschlossen sind, erlischt die LED.

Mikrofon reinigen

⚠ Verwenden Sie zur Reinigung ausschließlich ein trockenes Tuch und vermeiden Sie dabei das Cisco Logo.



Mehr erfahren

Sie können die Installationsanleitung hier herunterladen:

Suchen Sie nach
Cisco Ceiling Microphone Pro

https://www.cisco.com/go/ceiling-microphone-pro-installation

Besuchen Sie folgende Websites, um mehr über Ihr Gerät zu erfahren:

help.webex.com

cs.co/webexadoption

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