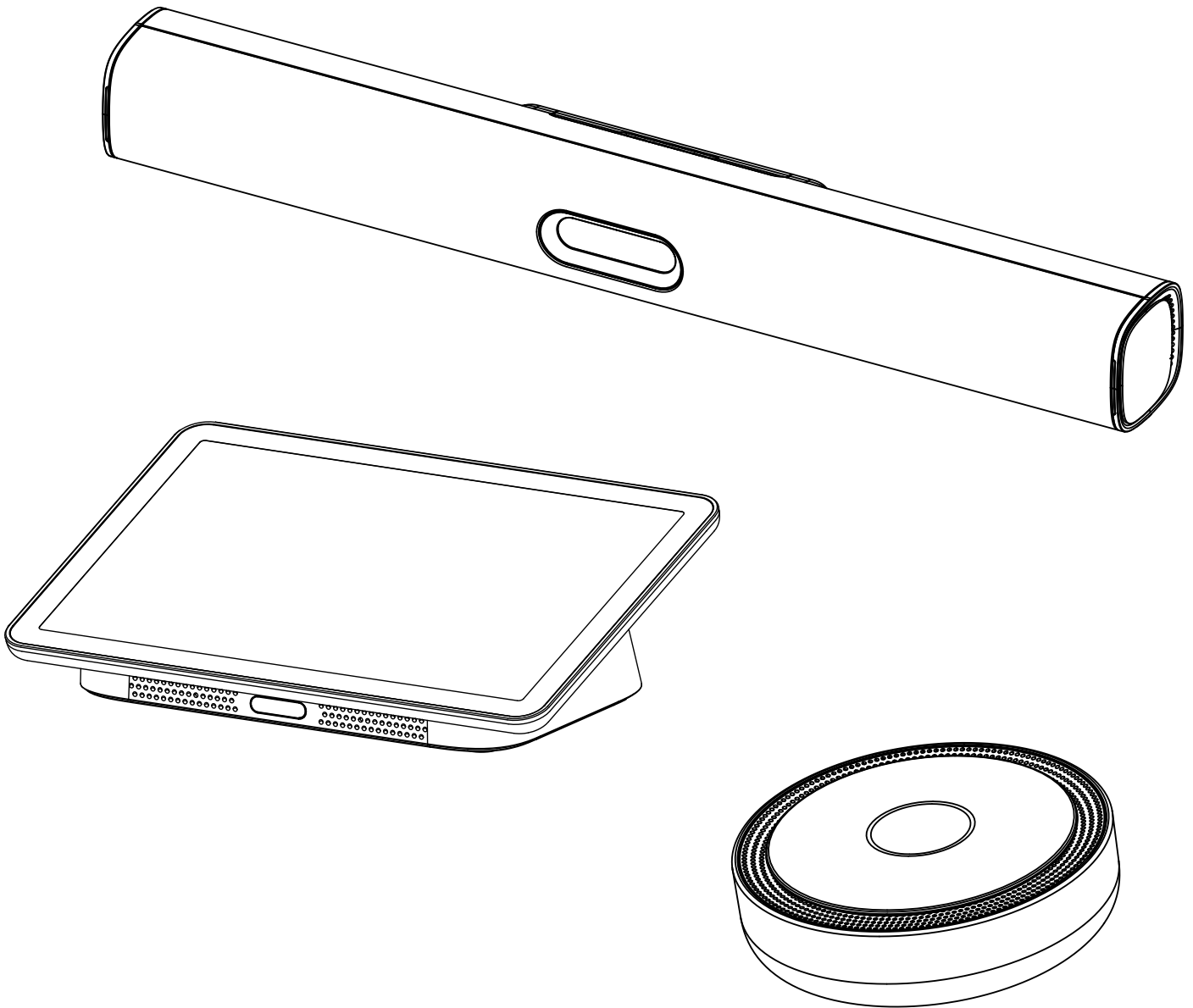


RoomSuite Collaboration Bar:

RS-CB-MTRW Collaboration Bar

RS-CB-CTL11 Controller

RS-CB-TM Expansion Table Mic (optional)



Contents

EXPLANATION OF TERMS AND SYMBOLS3

IMPORTANT SAFETY INSTRUCTIONS.....3

Maintenance and Repair.....3

LITHIUM BATTERY WARNING.....3

Environmental Specifications..... 4

Sustainability Compliance 4

RoHS Statements 4

FCC Statement 4

California Proposition 65 4

ISED Radiation Exposure Statement for Canada 4

CE Statement5

MIC Statement5

Power Supply.....6

China Statements6

Taiwan Statements6

Brazil Statements7

Thailand Statements7

Singapore Statements.....7

What's in the Box?..... 8

Product Information10

Installation15

Wiring Diagram..... 29

Getting Started..... 30

EXPLANATION OF TERMS AND SYMBOLS

The term **"WARNING!"** indicates instructions regarding personal safety. If the instructions are not followed the result may be bodily injury or death.

The term **"CAUTION!"** indicates instructions regarding possible damage to physical equipment. If these instructions are not followed, it may result in damage to the equipment that may not be covered under the warranty.

The term **"IMPORTANT!"** indicates instructions or information that are **vital** to the successful completion of the procedure.

The term **"NOTE"** is used to indicate additional useful information.



The lightning flash with arrowhead symbol in a triangle alerts the user to the presence of uninsulated dangerous voltage within the product's enclosure that may constitute a risk of electric shock to humans.



The exclamation point within a triangle alerts the user to the presence of important safety, operating, and maintenance instructions in this manual.



IMPORTANT SAFETY INSTRUCTIONS



1. Read, follow, and keep these instructions.
2. Heed all warnings.
3. Do not use this apparatus near water.
4. Clean only with a dry cloth.
5. Do not block any ventilation opening. Install in accordance with the manufacturer's instructions.
6. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
7. Only use attachments/accessories specified by the manufacturer.
8. Refer all servicing to qualified service personnel.
9. Adhere to all applicable, local codes.
10. Consult a licensed, professional engineer when any doubt or questions arise regarding a physical equipment installation.

Maintenance and Repair



WARNING!: Advanced technology, e.g., the use of modern materials and powerful electronics, requires specially adapted maintenance and repair methods. To avoid a danger of subsequent damage to the apparatus, injuries to persons and/or the creation of additional safety hazards, all maintenance or repair work on the apparatus should be performed only by a QSC authorized service station or an authorized QSC International Distributor. QSC is not responsible for any injury, harm or related damages arising from any failure of the customer, owner or user of the apparatus to facilitate those repairs.



WARNING!: The RoomSuite Collaboration Bar products are designed for indoor installation only.

LITHIUM BATTERY WARNING



WARNING!: The RS-CB-MTRW CONTAINS A NON-RECHARGEABLE LITHIUM BATTERY. THE NONRECHARGEABLE LITHIUM BATTERY CONTAINED IN THIS EQUIPMENT MAY EXPLODE IF IT IS EXPOSED TO FIRE OR EXTREME HEAT. DO NOT SHORT CIRCUIT THE BATTERY. DO NOT ATTEMPT TO RECHARGE THE NONRECHARGEABLE LITHIUM BATTERY. THERE IS A RISK OF EXPLOSION IF THE BATTERY IS REPLACED BY AN INCORRECT TYPE.

Environmental Specifications

- **Expected Product Life Cycle:** 10 years
- **Storage Temperature Range:** -20°C to +70°C (-4°F to 158°F)
- **Storage Humidity Range:** 10% to 90% RH
- **Operating Temperature Range:** 0°C to 35°C (32°F to 95°F)
- **Operating Humidity Range:** 5% to 85% RH @ 30°C, noncondensing

Sustainability Compliance

QSC is committed to conducting business in accordance with evolving environmental regulations and industry standards. As part of our responsibility to customers, partners, and the communities in which we operate, QSC is strengthening its environmental compliance framework to better understand and mitigate the impacts of our operations and products by integrating sustainability into our policies, processes, and procedures. For more information, visit: <https://www.qsys.com/esg/>

RoHS Statements

The QSC Q-SYS RoomSuite Collaboration Bar products comply with the European RoHS Directive 2011/65/EU, including all subsequent amendments, as well as other RoHS-type regulations applicable in regions where the products are distributed.

FCC Statement

The RoomSuite Collaboration Bar products have been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instruction manual, it may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

The RS-CB-MTRW contain transmitter module FCC ID: PD9AX210NG. WIFI6, BT5.3

These devices comply with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules.

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and consider removing the no-collocation statement.

California Proposition 65

CALIFORNIA WARNING: CAN EXPOSE YOU TO LEAD, A CARCINOGEN AND REPRODUCTIVE TOXICANT.
SEE WWW.P65WARNINGS.CA.GOV.

QSC complies with California Proposition 65 (officially the Safe Drinking Water and Toxic Enforcement Act of 1986), which requires warnings about potential exposure to chemicals known to cause cancer, birth defects, or other reproductive harm.

ISED Radiation Exposure Statement for Canada

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1) l'appareil ne doit pas produire de brouillage, et

2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with ISSED RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

Pour se conformer aux exigences de conformité CNR 102 RF exposition, une distance de séparation d'au moins 20 cm doit être maintenue entre l'antenne de cet appareil et toutes les personnes.

The device for operation in the band 5150-5250MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit;

For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits specified for point to -point and non- point-to-point operation as appropriate

Les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;

Le gain maximal d'antenne permis pour les dispositifs utilisant les bandes 5250 -5350 MHz et 5470-5725 MHz doit se conformer à la limite de p.i.r.e.

Le gain maximal d'antenne permis (pour les dispositifs utilisant la bande 5725-5850 MHz) doit se conformer à la limite de p.i.r.e. spécifiée pour l'exploitation point à point et non point à point, selon le cas.

Contains Transmitter Module IC ID: 1000M-AX210NG

CE Statement

Hereby, we (QSC, LLC) declare that these devices are in compliance with European Radio Equipment Directive (RED) 2014/53/EU and European Restriction of Hazardous Substances (RoHS) Directive 2011/65/EU

The full text of the EU declaration of conformity is available at the following internet address: <https://www.qsys.com/resources/compliance-library/>



WARNING!: Operation of this equipment in a residential environment could cause radio interference. The operation frequency in 5150-5350MHz of Wi-fi 5G is restricted to indoor usage only.



Correct Disposal: Do not dispose of this product with the normal household waste at the end of its life cycle. Return it to a collection point for the recycling of electrical and electronic devices. This is indicated by the symbol on the product, user manual or packaging. The materials are reusable according to their markings. By reusing, recycling or other forms of utilization of old devices you make an important contribution to the protection of our environment. Please contact your local authorities for details about collection points.

MIC Statement

警告:本装置を住宅環境で使用すると無線障害を引き起こす可能性があります。

Power Supply

Power Supply (RS-CB-MTRW):

The MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable. Use only power supplies provided with the product. Contact QSC for power supply service or replacement.

China Statements

产品中有害物质的名称及含有的信息表										
部件名称	有害物质									
	Pb	Hg	Cd	Cr (VI)	PBBs	PBDEs	DBP	DIBP	BBP	DEHP
金属部件	○	○	○	○	○	○	○	○	○	○
塑胶部件	○	○	○	○	○	○	○	○	○	○
印制电路板 组件	○	○	○	○	○	○	○	○	○	○
扬声器	○	○	○	○	○	○	○	○	○	○
本表格依据SJ/T11364的规定编制。										
注1：○：表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。										
×：表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。										
注2：以上未列出的部件，表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										
 在中华人民共和国境内销售的电子信息产品必须标识此标志，标志内的数字代表在正常使用状态下的产品的环保使用期限。										

根据中国电子行业标准SJ/T11364-2024 和相关的中国法律法规，本产品及其某些内部或外部组件上可能带有环保使用期限标识。取决于组件和组件制造商产品及其组件上的使用期限标识可能有所不同。组件上的使用期限标识优先于产品上任何与之相冲突的或不同的环保使用期限标识。

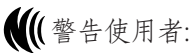
注：本设备的型号核准代码标识详见后铭牌。

Taiwan Statements

臺灣

根據低功率射頻器材技術規範：

取得審驗證明之低功率射頻器材，非經核准，公司，商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。減少電磁波影響，請妥適使用。5.7.9.1應避免影響附近雷達系統之操作。



警告使用者：

此為甲類資訊技術設備，於居住環境中使用時，可能會造成射頻擾動，在此種情況下，使用者會被要求採取某些適當的對策。

CCAH26Y10420T0

限用物質含有情況標示聲明書

視訊會議一體機，型號：RS-CB-MTRW, RS-CB-ZRW 觸控面板，型號：RS-CB-CTL11 擴充麥克風，型號：RS-CB-TM
--

單元	限用物質及其化學符號					
	鉛 (Pb)	汞 (Hg)	鎘 (Cd)	六價鉻 (Cr+6)	多溴聯苯 (PBB)	多溴二苯醚 (PBDE)
金屬部件	○	○	○	○	○	○
塑膠部件	○	○	○	○	○	○
印刷電路板	0.1 wt%	○	○	○	○	○
喇叭	○	○	○	○	○	○
備考1. “超出0.1 wt%”及“超出0.01 wt%”係指限用物質之百分比含量超出百分比含量基準值。						
備考2. “O”係指該項限用物質之百分比含量未超出百分比含量基準值。						
備考3. “—”係指該項限用物質為排除項目。						

Brazil Statements

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.

Este produto está homologado pela Anatel de acordo com os procedimentos regulamentados para avaliação da conformidade de produtos para telecomunicações e atende aos requisitos técnicos aplicados. Para maiores informações, consulte o site da Anatel - www.anatel.gov.br

“Este equipamento deve ser conectado obrigatoriamente em tomada de rede de energia elétrica que possua aterramento (três pinos), conforme a Norma de instalações elétricas ABNT NBR 5410, visando a segurança dos usuários contra choques elétricos”

Thailand Statements

เครื่องโทรคมนาคมและอุปกรณ์นี้มีความสอดคล้องตามมาตรฐานหรือข้อกำหนดทางเทคนิคของ กสทช.



เครื่องวิทยุคมนาคมนี้ ได้รับยกเว้น ไม่ต้องได้รับใบอนุญาตให้มี ใช้ซึ่งเครื่องวิทยุคมนาคม หรือตั้งสถานีวิทยุคมนาคมตามประกาศ กสทช. เรื่อง เครื่องวิทยุคมนาคม และสถานีวิทยุคมนาคมที่ได้รับยกเว้นไม่ต้องได้รับใบอนุญาตวิทยุคมนาคม ตามพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498





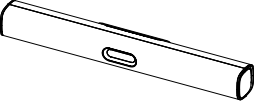
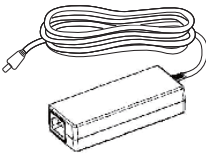
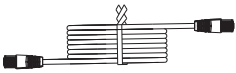
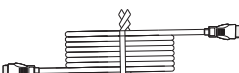
โทรคมนาคม
กำกับดูแลเพื่อประชาชน
Call Center 1200 (Insw5)

Singapore Statements

Complies with
IMDA Standards
DB104254

What's in the Box?

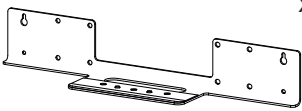
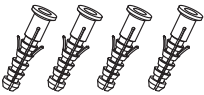
Collaboration Bar Package

 RS-CB-MTRW Collaboration Bar x1	 Switch Mode Power Supply: Input: 100-240V~ 50/60 Hz, 3.5A x1	 Power Cord (1.5 m / 4.92 ft) x1
 Ethernet Cable (2 m / 6.56 ft) x1	 Safety and Regulatory Statements TD-001732-01 x1	 HDMI Cable (2 m / 6.56 ft) x2

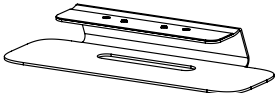


NOTE: The power cord may vary in different regions. Refer to the actual product.

Collaboration Bar Wall Mounting Kit (included with Collaboration Bar Package)

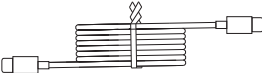
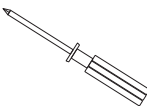
 Collaboration Bar Wall Mount Bracket x1	 Wall Anchors x6	 KA4×30 mm Self-tapping Wall Screws x6
 M6×10 Bracket Screws x3	 Rubber feet x2	 Rubber Feet Screws x2

RS-CB-TSK Collaboration Bar Table Stand Kit (Optional Accessory)

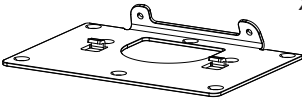
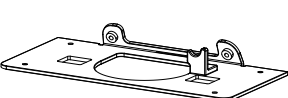
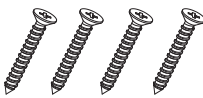
 Collaboration Bar Table Stand x1	 M6×10 Bracket Screws x2
--	---

Controller Package

NOTE: Type-C cable standard:
USB 3.1 with E-Marker chip.

 RS-CB-CTL11 Controller x1	 Ethernet Cable (7.5 m / 24.6 ft) x2	 Type-C Cable (1.5 m / 5 ft) x1	 Phillips Screwdriver x1
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RS-CB-WMK Controller Wall Mounting Kit (Optional Accessory)

 x1 Wall Mount Bracket	 x1 Terminal Plate Bracket with Wire Clamp	 x6 KA4x30 mm Self-tapping Screws	 x6 Wall Anchors
 x4 KA2.5x6 mm Machine Screws	 x2 M3x5 mm Socket Head Cap Screws	 x1 M3 Allen Wrench	

RS-CB-TMSK Controller Table Mounting Kit (Optional Accessory)

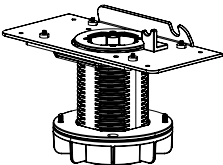
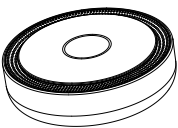
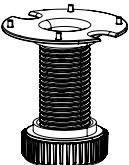
 x1 Table Swivel Mount (assembled)	 x4 KA2.5x6 mm Machine Screws
--	---

Table Mic Package (Optional)

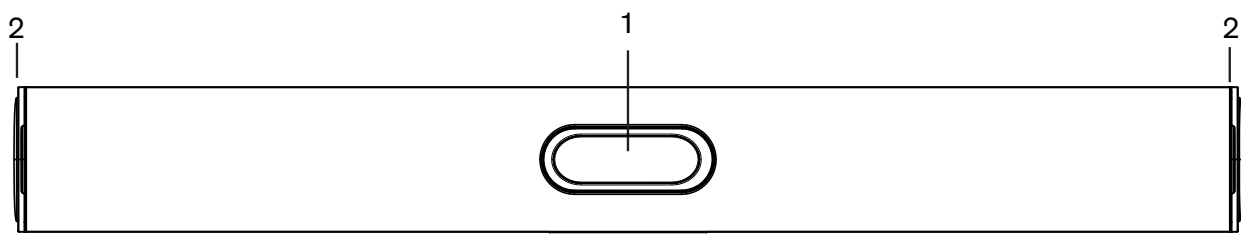
 x1 RS-CB-TM Table Microphone	 x1 Ethernet Cable (2 m / 6.56 ft)
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RS-CBM-TMK Table Mic Mounting Kit (Optional Accessory)

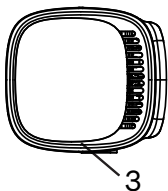
 x1 Table Mount (assembled)	 x4 KM3x6 mm Machine Screws
---	---

Product Information

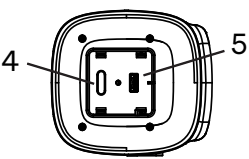
RS-CB-MTRW Collaboration Bar Introduction:



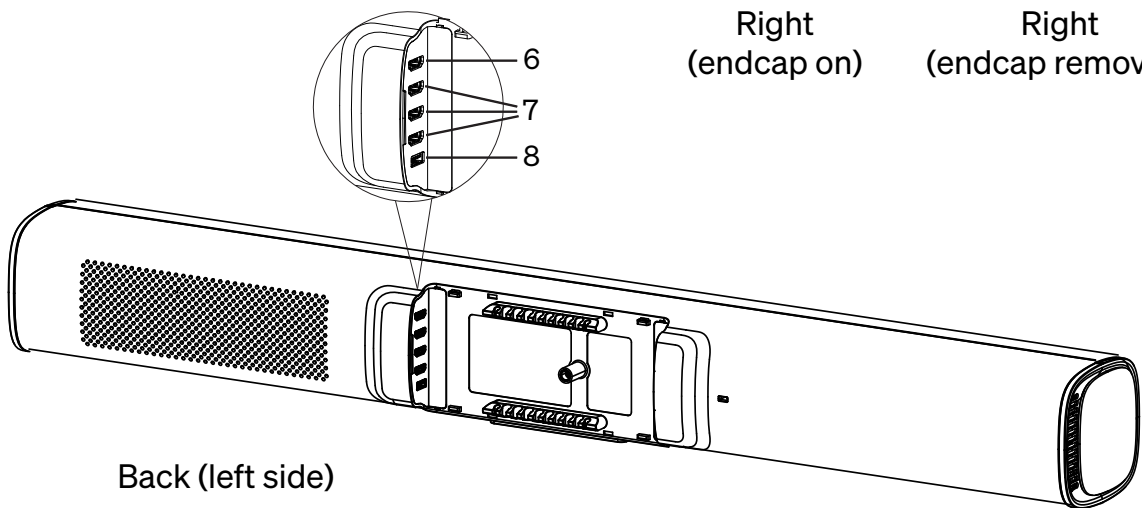
Front



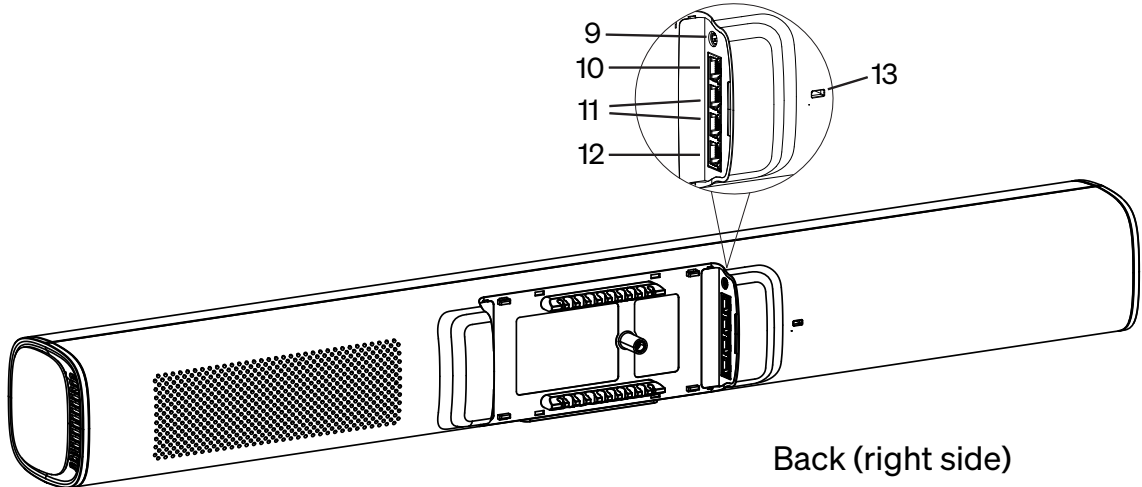
Right
(endcap on)



Right
(endcap removed)



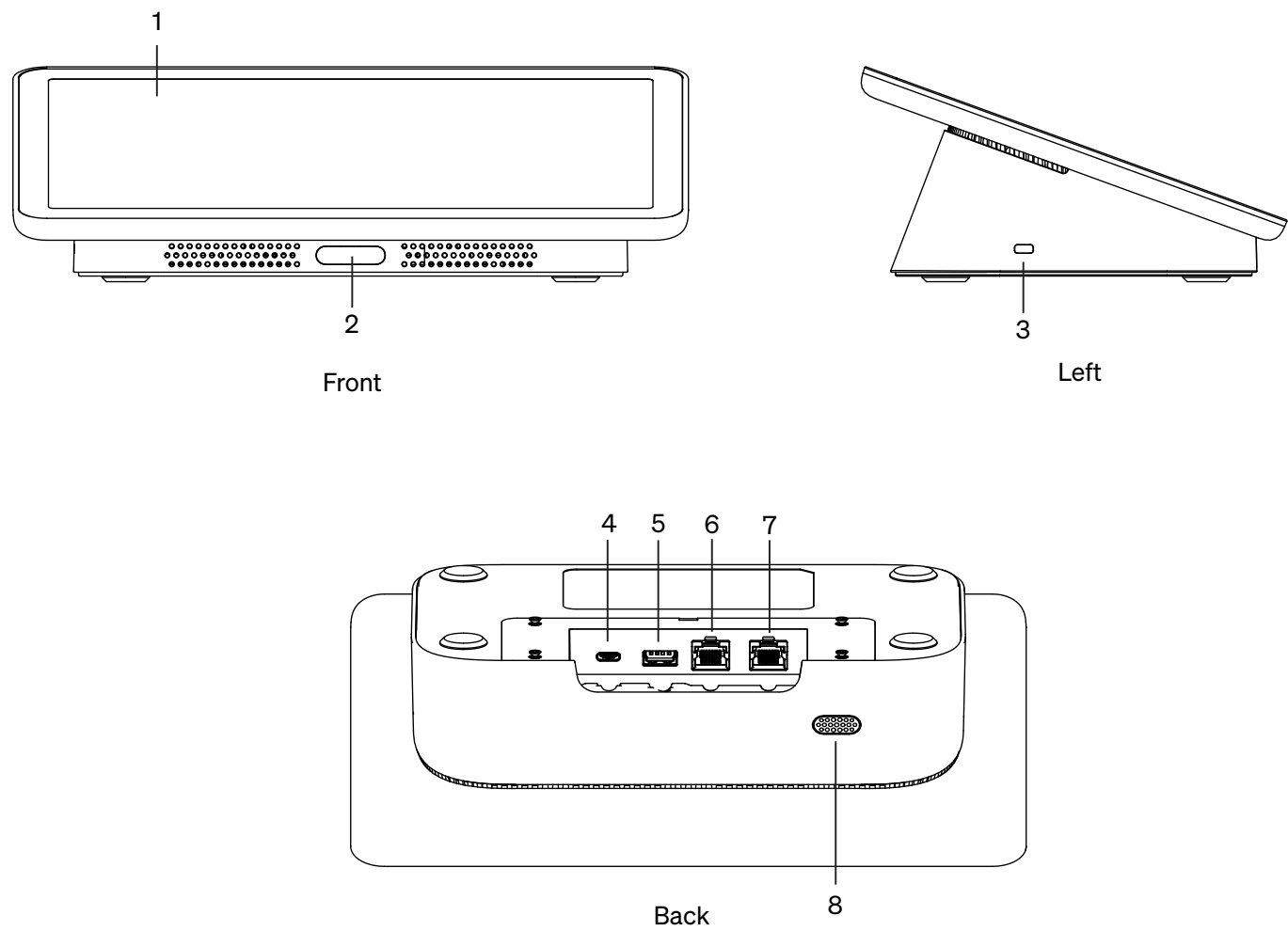
Back (left side)



Back (right side)

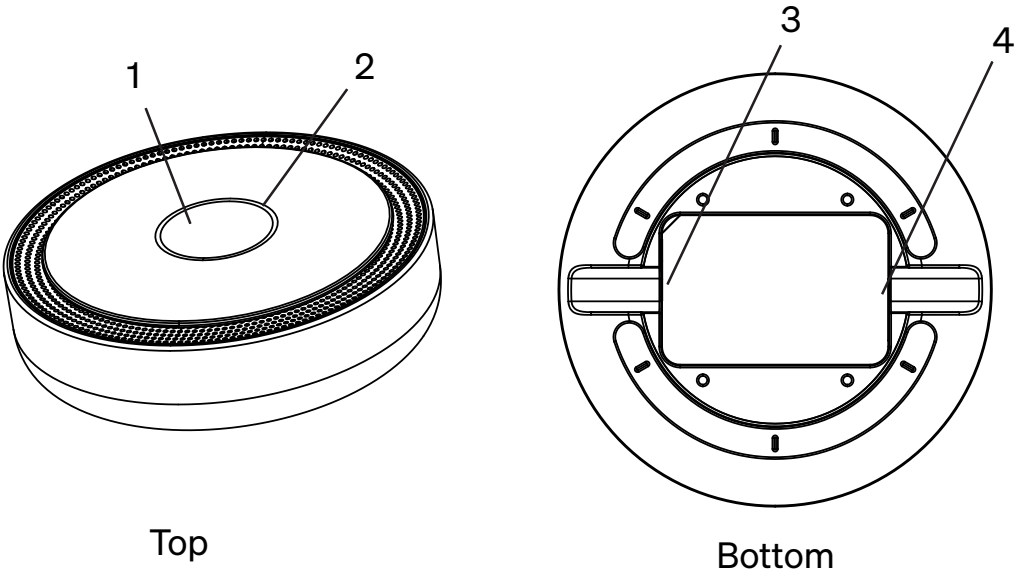
No.	Item	Description
1	Camera	Quad-lens camera with auto privacy shutter.
2	Indicator Light	Indicates the state of the device. See LED status section for more information.
3	Endcap Security Screw	Remove screw to free endcap to allow access to power button. Do not forcibly remove endcap.
4	Power Button	Press to power on or press and hold for 5 seconds to power off the device.
5	USB-A (2.0)	Reserved. 5VDC, 0.5A OUT
6	HDMI In	4K HDMI Ingest for content sharing.
7	HDMI Out 1 / 2 / 3	HDMI 1 and 2 to connect to a display or TV. HDMI 3 is reserved for future use.
8	USB-A (3.0)	Reserved. 5VDC, 0.9A OUT
9	DC In	Power cable connection.
10	RJ45 (Expansion)	To connect RS-CB-TM Expansion Table Microphones
11	RJ45 (CTL A, CTL B)	To connect RS-CB-CTL11 controller
12	RJ45 (Internet)	For network connection.
13	Kensington Lock Hole	To secure the device with a Kensington lock.

RS-CB-CTL11 Controller Introduction:



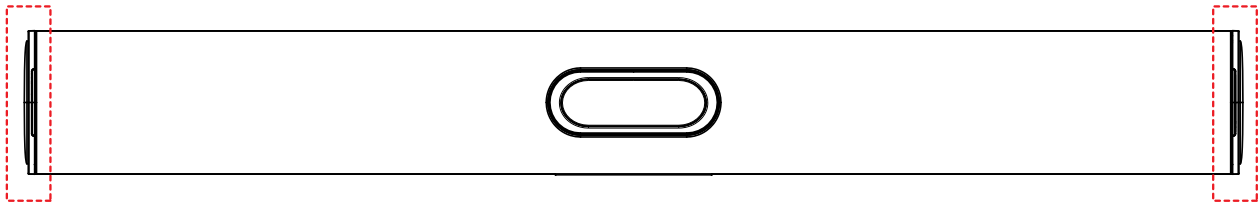
No.	Item	Description
1	Touch Screen	For display and touch control.
2	Motion Sensor	PIR sensor for automatic wake-up.
3	Kensington Lock Hole	To secure the device with a Kensington lock.
4	USB-C Port (Ingest)	For content sharing. Type-C port for data only.
5	USB-A Port (2.0)	Reserved. 5VDC, 0.5A OUT
6	RJ45 Port CTL A	For connection to the RS-CB-MTRW.
7	RJ45 Port CTL B	For connection to the RS-CB-MTRW.
8	Ultrasound Speaker	Reserved for future use.

RS-CB-TM Expansion Table Mic (Optional) Introduction



No.	Item	Description
1	Mute Button	Touch button for muting and unmuting audio on table mics and Collaboration Bar.
2	LED Light Ring	See LED status section (page 12) for more information.
3	RJ45 Port IN	For connection to the EXPANSION port of the RS-CB-MTRW or the OUT port of the previous RS-CB-TM.
4	RJ45 Port OUT	For connection to the IN port of the next RS-CB-TM.

LED Status



LED Status	Indication
White solid	Power On / Standby /Microphone Unmute.
Yellow flashing	Identify Mode
Green fast flash (On and Off flash for 0.3s alternately)	Incoming Call
Green solid	Call Active, Unmuted
Red solid	Call Active, Muted
Blue flashing (Table Mic only)	Communication error

Privacy Shutter Status:

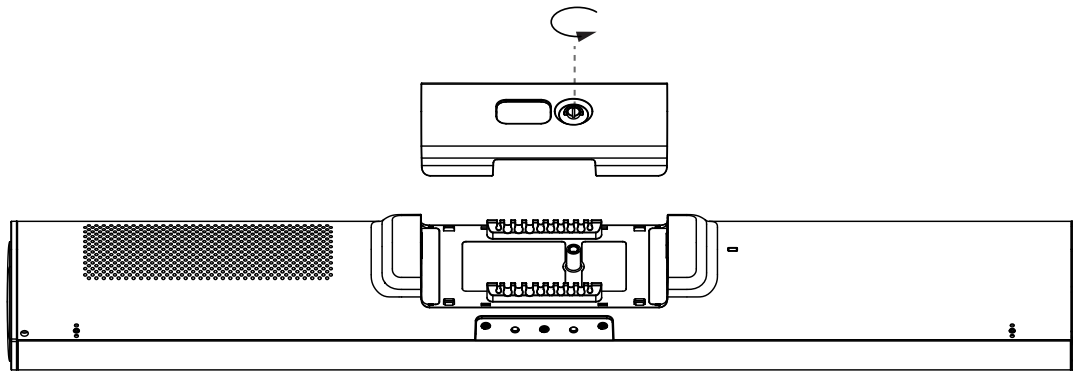
System Status	Shutter Status
Power Off	Shutter Closed
Power On (Not In Use)	Shutter Closed
Power On (In Use)	Shutter Open

Installation

RS-CB-MTRW Collaboration Bar Installation

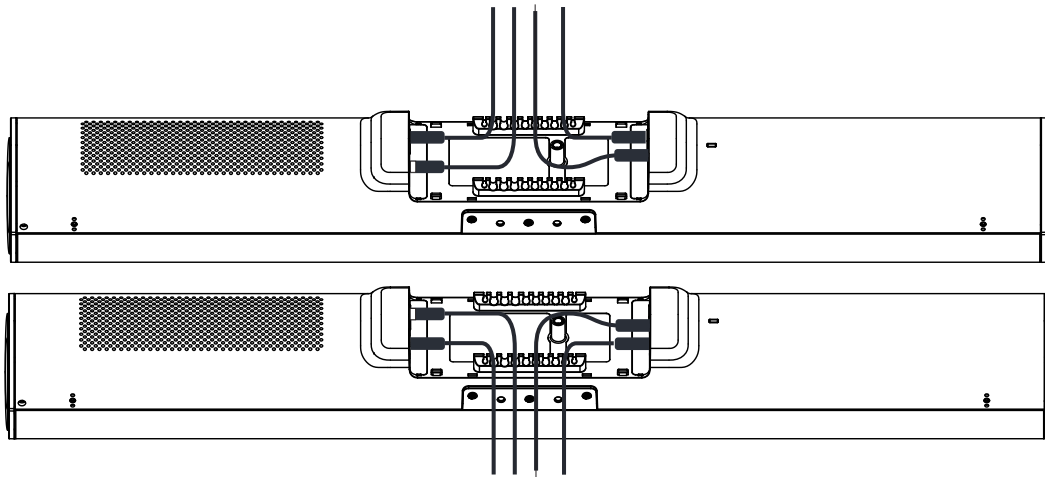
When connecting the RS-CB-MTRW Collaboration Bar to other devices, you need to remove the cable cover on the back of the Collaboration Bar.

Step 1: Turn the D-ring screw counterclockwise and remove the cable cover. You may need to press out the top or bottom edges from the inside to facilitate removal of the cover.

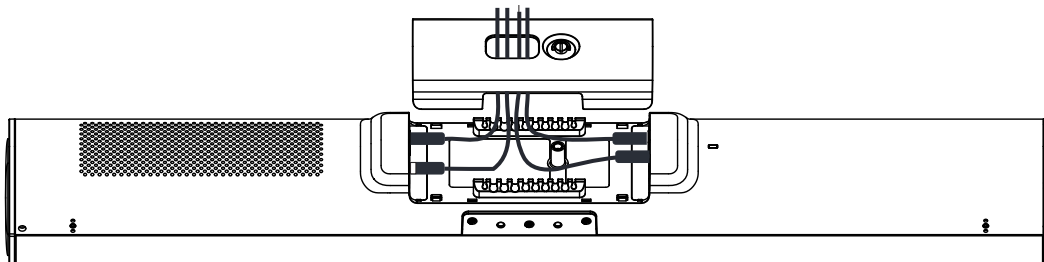


Step 2: Connect to other devices with the corresponding cables and arrange the cables properly.

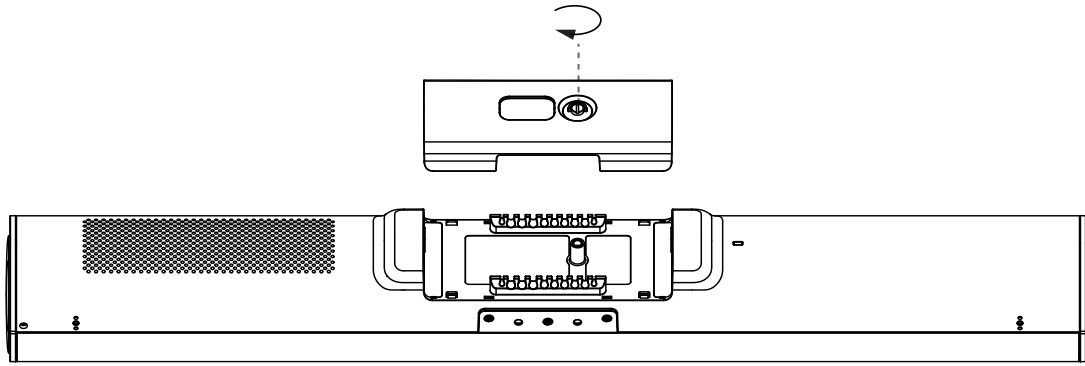
Option A: Align the cables to both sides as needed.



Option B: Route the cables through the cover hole.



Step 3: Snap the cable cover back in place and turn the D-ring screw clockwise until the cable cover is securely attached to the device.



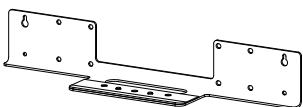
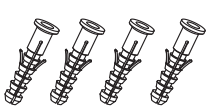
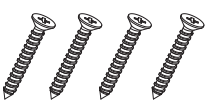
Mounting

There are three options to install the RS-CB-MTRW Collaboration Bar. Depending on your needs, you can install the device using one of the following set of steps below:

- A. Mount to a Wall.
- B. Mount on a Table Stand.
- C. Mount on a Table.

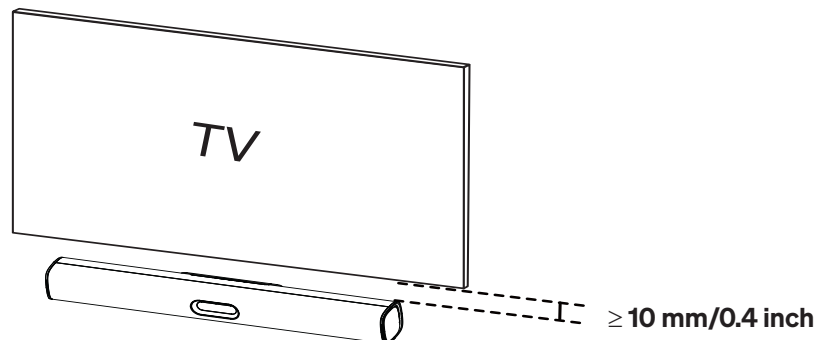
Option A: Mount to a Wall

Before installing the device, make sure that you have the following accessories:

 MTRW Wall Mount Bracket x1	 Wall Anchors x6	 KA4×30 mm Self-tapping Wall Screws x6	 M6×10 mm Bracket Screws x3
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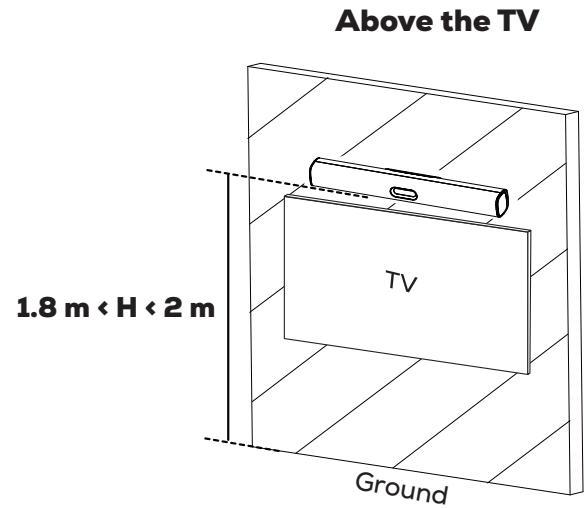
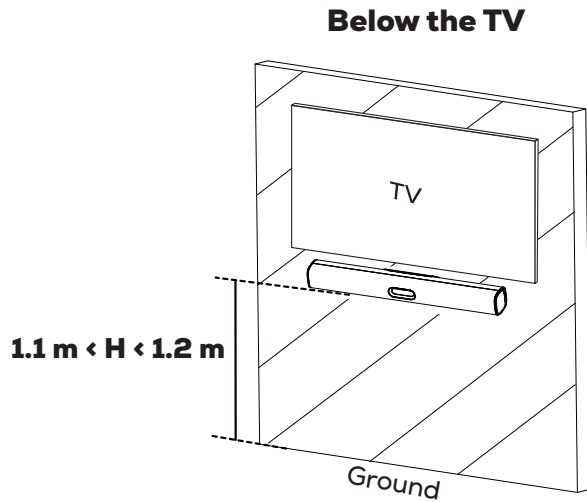
Step 1: Determine the position of the RS-CB-MTRW Collaboration Bar, ensuring that the proper camera view is achieved. Use the following recommendations.

- a. Keep the distance between the Collaboration Bar and the TV at least 10 mm/0.4 inch (recommended distance: 50 mm/1.97 inch).

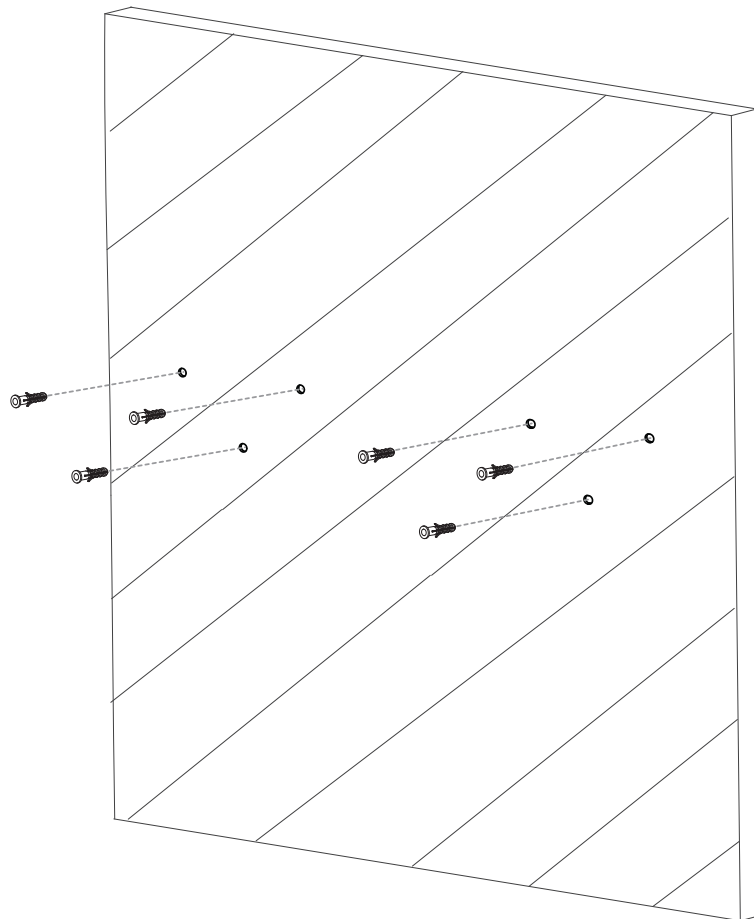


- b. Decide the RS-CB-MTRW Collaboration Bar's mounting position using the following recommendations.

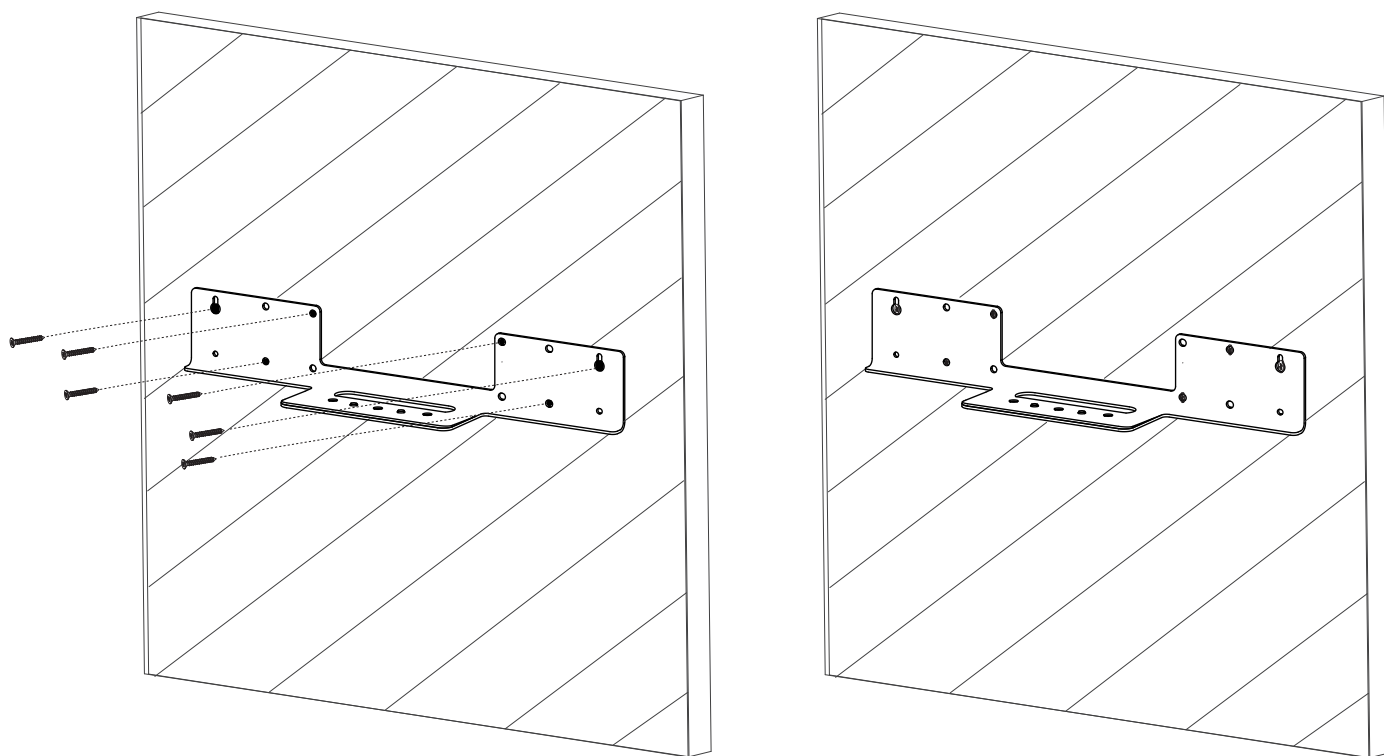
Installation Height	Position
1.1 ~ 1.2 m (3.6 ~ 3.9 ft)	Below the TV
1.8 ~ 2 m (5.9 ~ 6.6 ft)	Above the TV



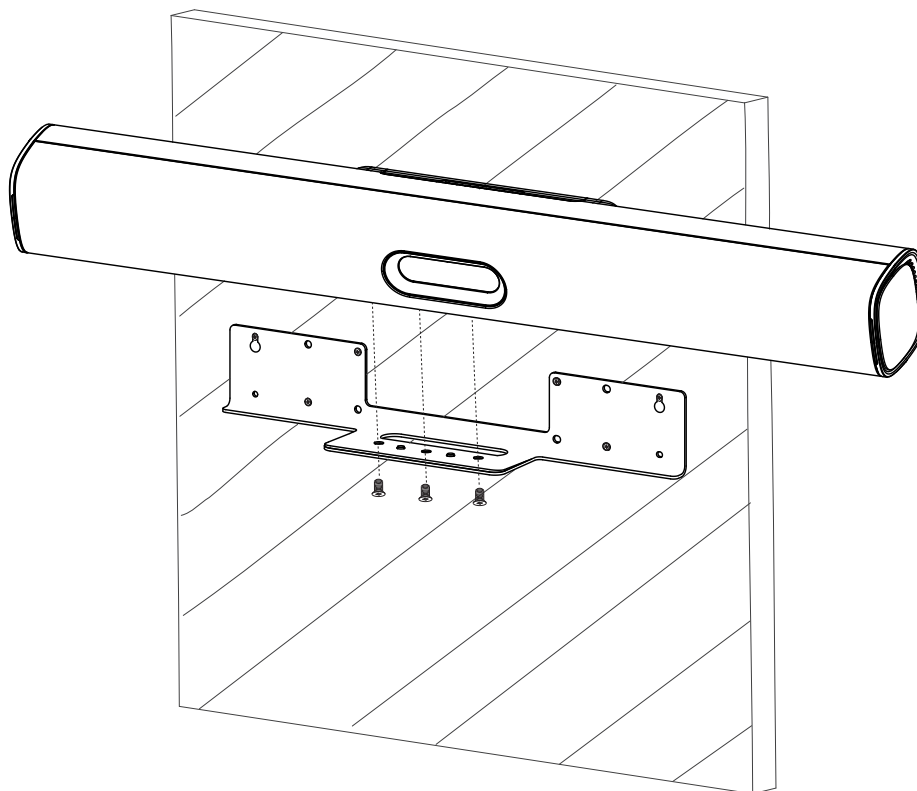
Step 2: Appropriately placed, either above or below the TV, drill holes for the 6 wall anchors in line with appropriate holes in the wall mount bracket so that it is level. Insert wall anchors into drilled holes.



Step 3: Fix the wall mount bracket to the installed wall anchors with the 6 wall screws (KA4×30 mm).

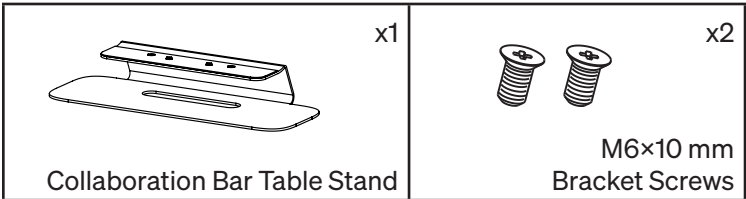


Step 4: Secure the Collaboration Bar to the wall mount bracket with the 3 bracket screws (M6×10).

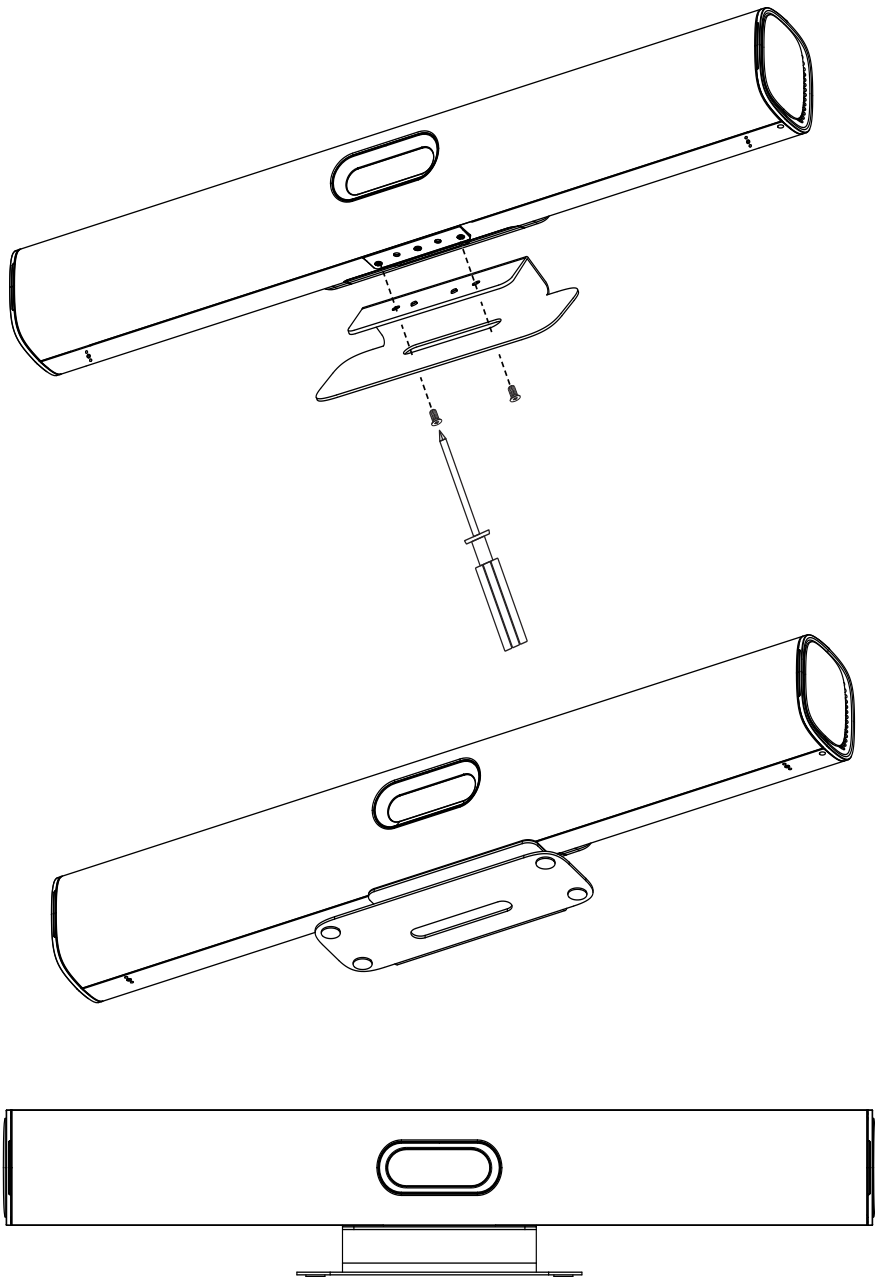


Option B: Mount on a Table Stand

Before installing the device, make sure that you have the following accessories. The Table Stand is an optional accessory that must be purchased separately.

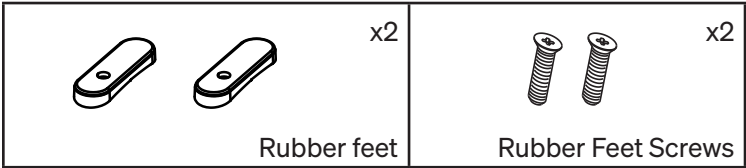


- Step 1:** Locate the Table Stand (optional accessory) and the two bracket screws (M6×10).
- Step 2:** Secure the Table Stand to the accessible holes on the bottom side of the Collaboration Bar with two bracket screws. Place the unit on the table in the desired location.

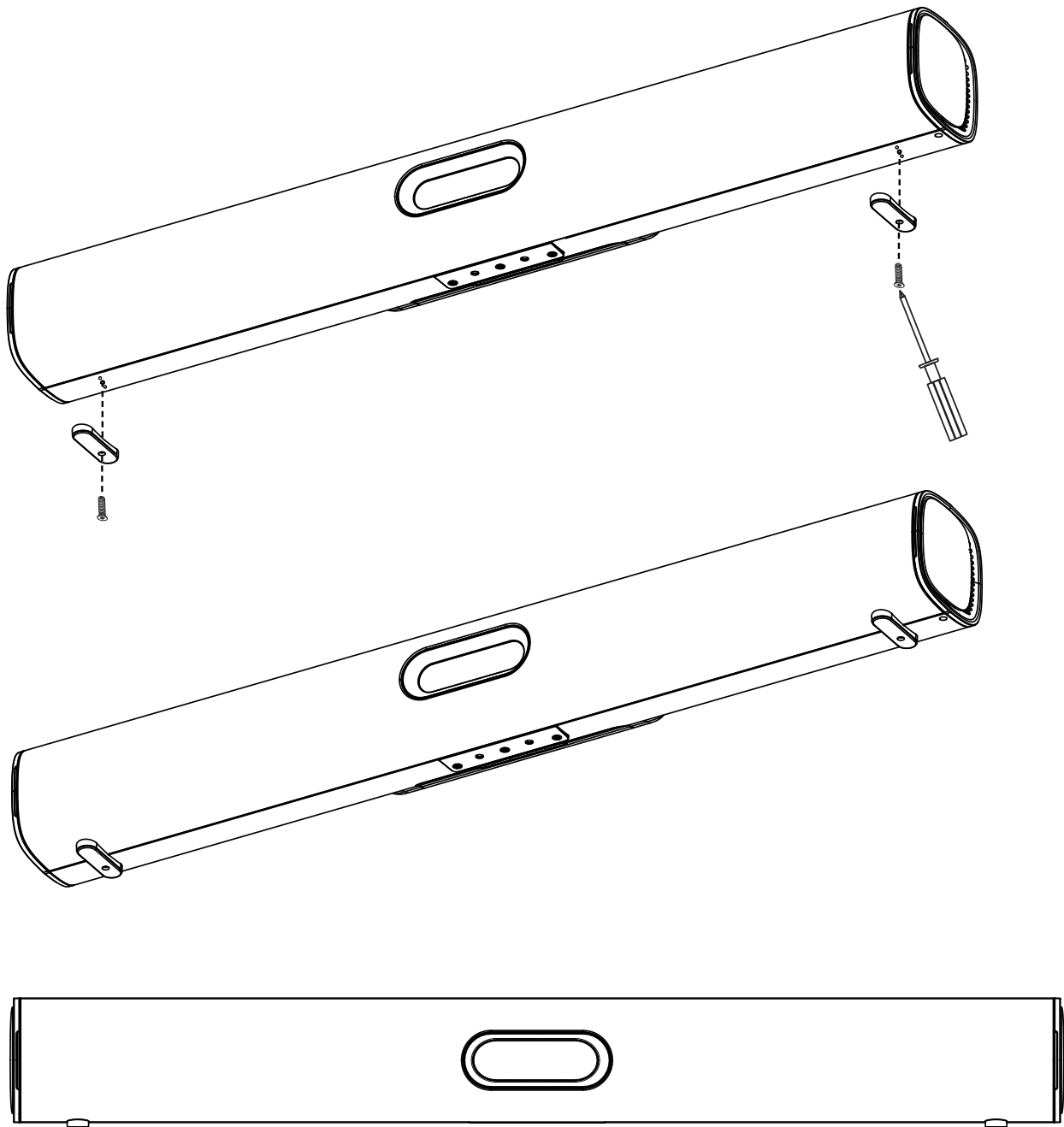


Option C: Mount on a Table (rubber feet)

Before installing the device, make sure that you have the following accessories.



- Step 1:** Locate the rubber feet and foot screws (M3×6) in the Mounting Kit.
- Step 2:** Secure the rubber feet to the accessible holes on the bottom side of the Collaboration Bar with the foot screws.
- Step 3:** Place the unit on the table in the desired location.



RS-CB-CTL11 Controller Installation

Mounting

There are three options to install the RS-CB-CTL11 Controller. Depending on your needs, you can install the device using one of these procedures:

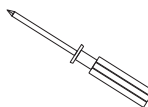
- A. Mount as a Table Stand.
- B. Mount on a Table Swivel Mount.
- C. Mount to a Wall.



NOTE: Table Swivel Mount and Wall Mounting accessories are optional and must be purchased separately.

Option A: Mount as a Table Stand

Before installing the device, make sure to locate the following:

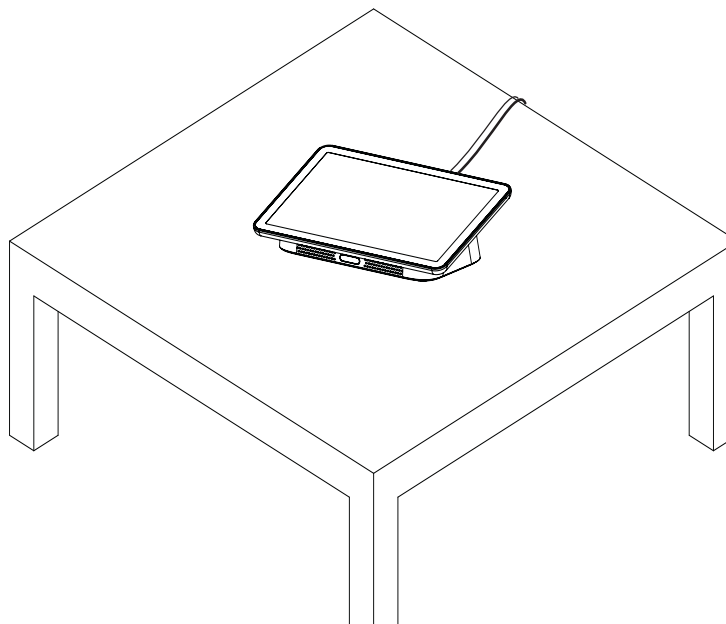
 x1	 x4	 x1
RS-CB-CTL11 Controller	KA2.5×6 mm Machine Screws	Phillips Screwdriver

Step 1: Remove the back cable cover on the Controller by unscrewing the four screws with a Phillips screwdriver.

Step 2: Install the necessary cables, routing to the rear of the unit.

Step 3: Reinstall the cable cover, ensuring the cables are routed through the cable opening.

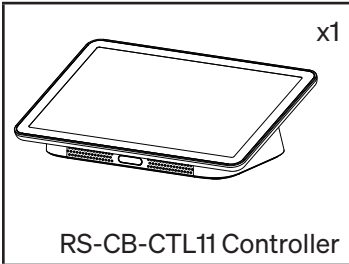
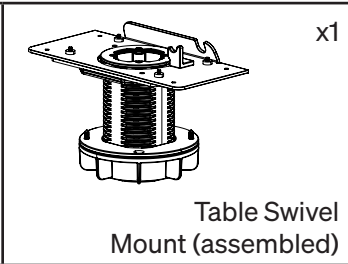
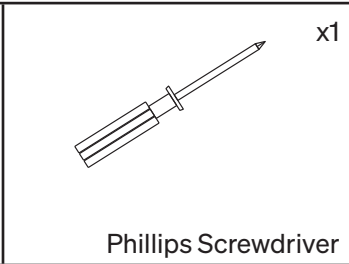
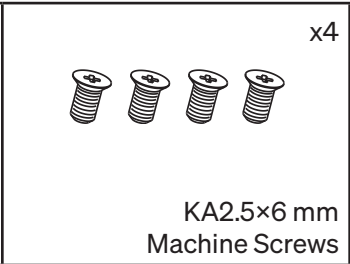
Step 4: The RS-CB-CTL11 Controller can then be placed on any flat surface that allows for easy access and use.



— Figure 1 —

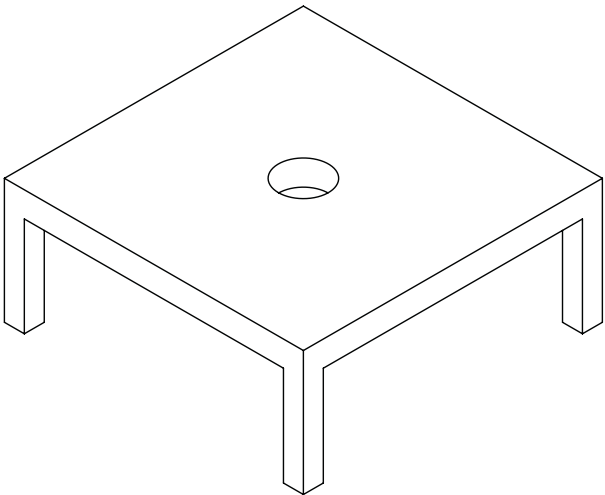
Option B: Mount on a Table Swivel Mount

Before installing the device, make sure to locate the following:

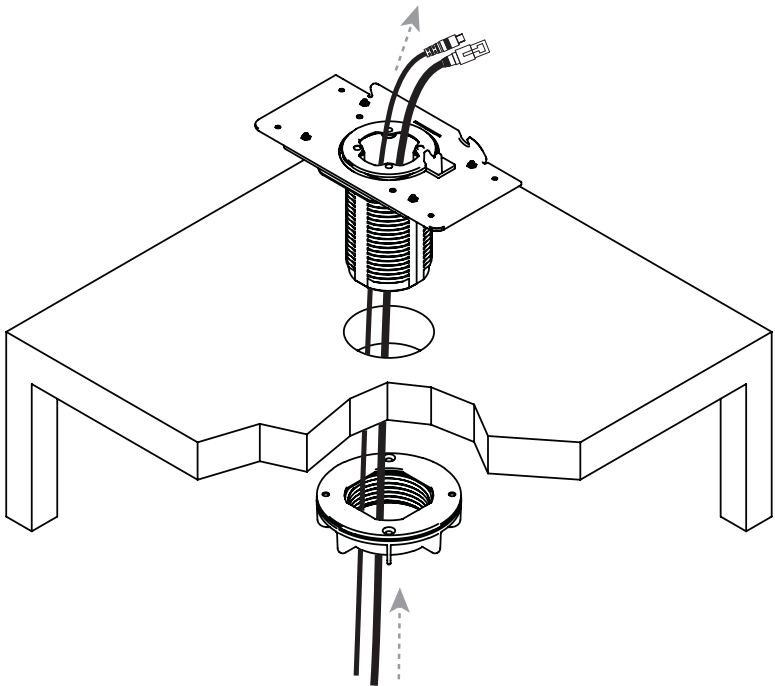
 RS-CB-CTL11 Controller	 Table Swivel Mount (assembled)	 Phillips Screwdriver	 KA2.5×6 mm Machine Screws
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Step 1:

Drill a 2 - 2 1/4 inch (5.08 - 5.715 cm) diameter hole into the table being used for installation. This will be the permanent location where the preassembled RS-CB-TMSK Table Swivel Mount will be securely attached. See Figure 2.



— Figure 2 —



— Figure 3 —

Step 2:

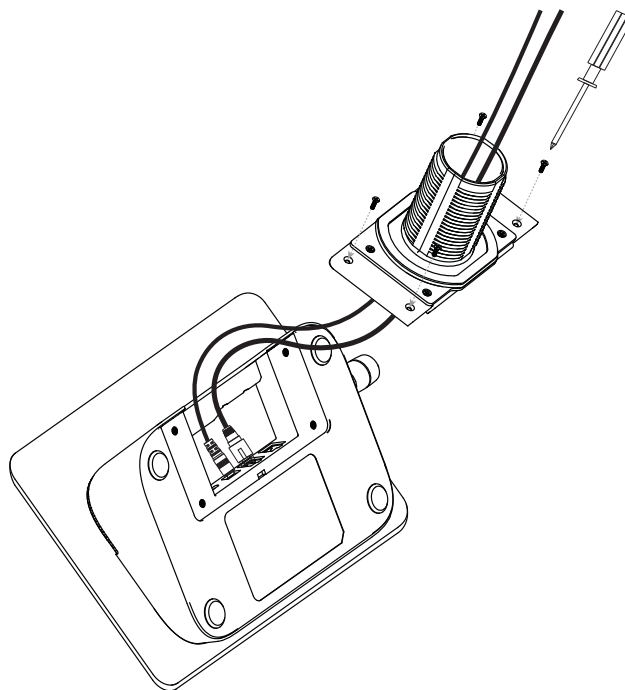
Pull the necessary cable/s through the mounting nut (note orientation), washer, the drilled hole in the table, and through the cylinder of the Table Swivel Mount as shown in Figure 3.



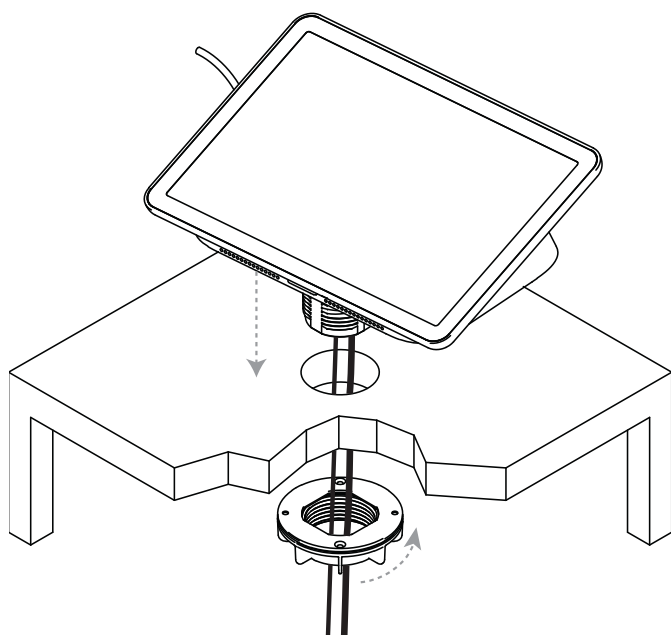
NOTE: The USB-C cable goes out through the back not through the bottom.

Step 3:

Screw the terminal bracket in place using the four KA2.5×6 mm Machine Screws. See Figure 4.



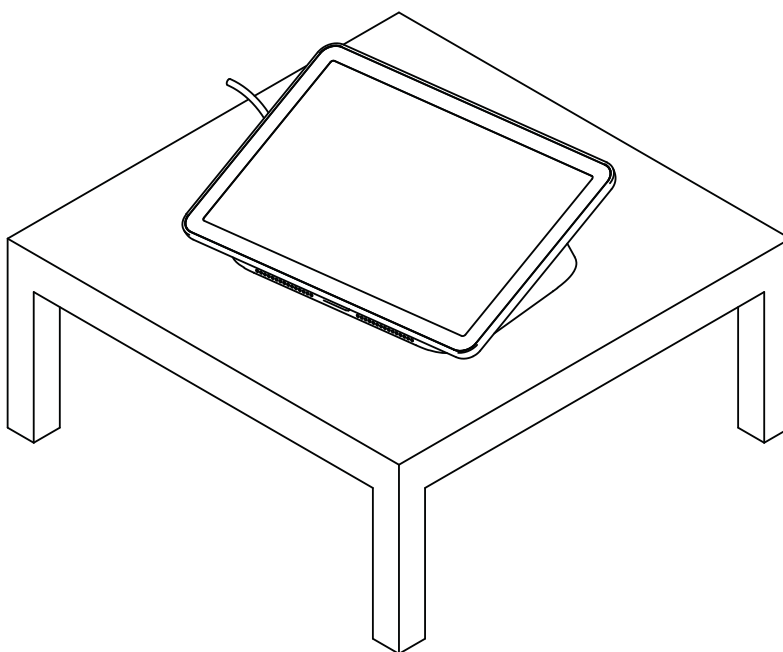
— Figure 4 —



— Figure 5 —

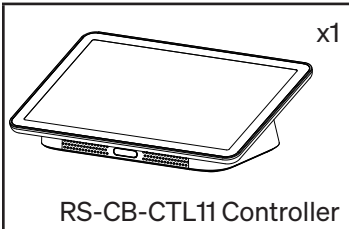
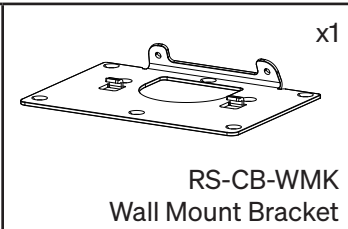
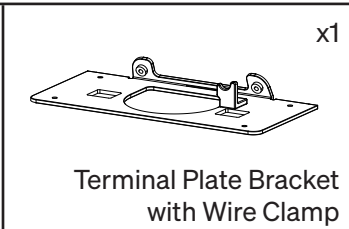
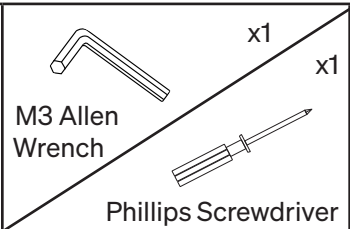
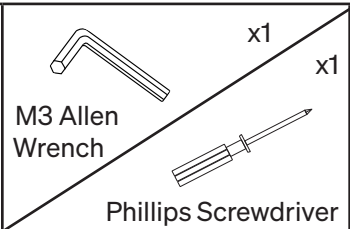
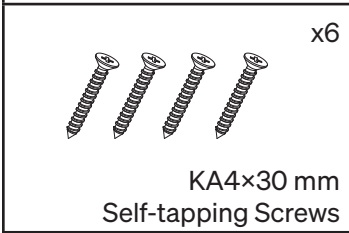
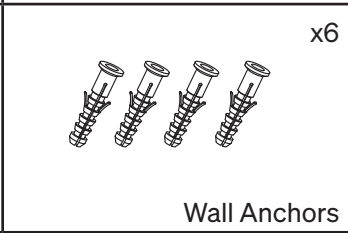
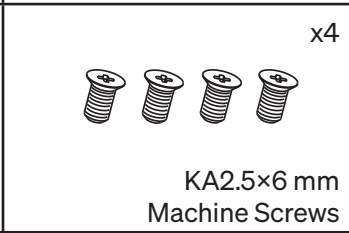
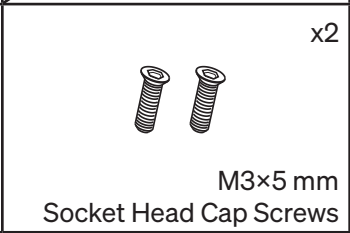
Step 4:

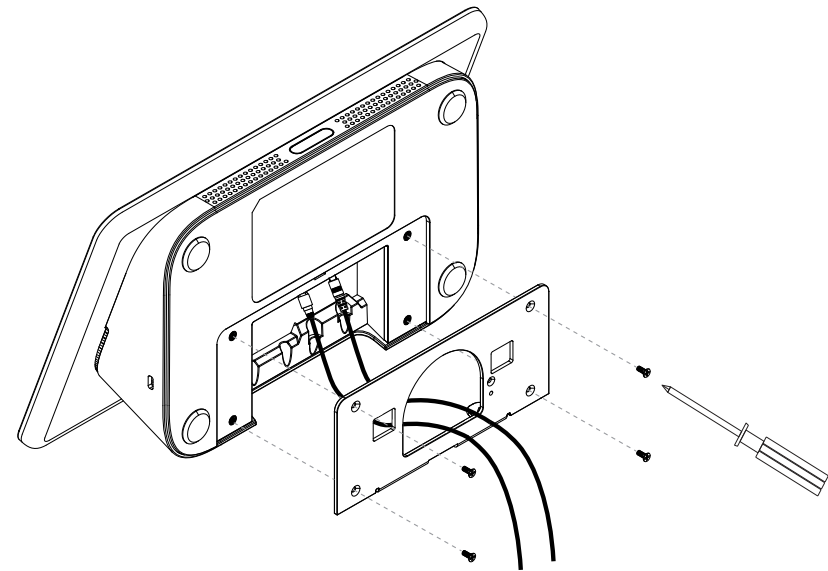
Insert the cylinder of the Table Swivel Mount with the attached Controller into the drilled hole in the table surface. Turn the mounting nut clockwise until snug. See Figure 5.



Option C: Mount to a Wall

Before installing the device, please make sure to locate the following:

 RS-CB-CTL1 Controller x1	 RS-CB-WMK Wall Mount Bracket x1	 Terminal Plate Bracket with Wire Clamp x1	 M3 Allen Wrench x1  Phillips Screwdriver x1
 KA4×30 mm Self-tapping Screws x6	 Wall Anchors x6	 KA2.5×6 mm Machine Screws x4	 M3×5 mm Socket Head Cap Screws x2



— Figure 6 —

Step 1:

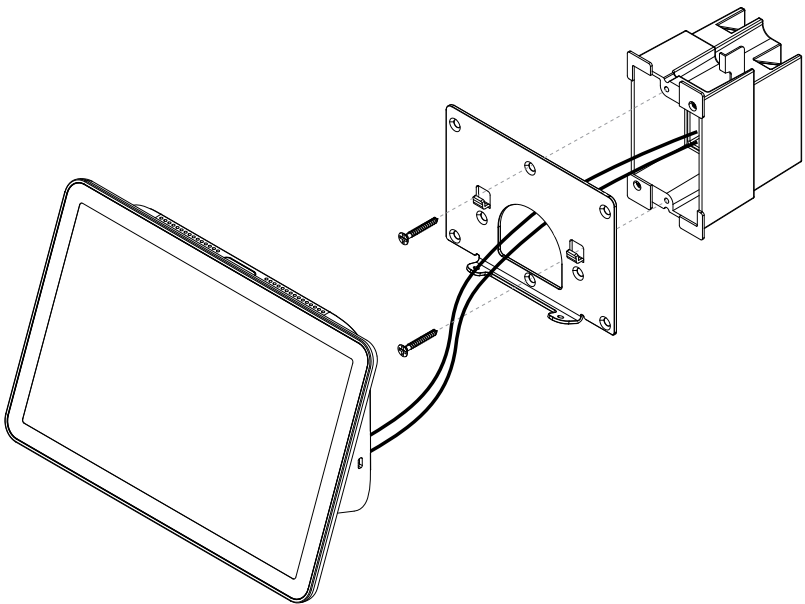
Plug in the necessary cables, and then pull the cables through the access hole on the terminal bracket. Secure the terminal bracket to the rear of the RS-CB-CTL1 Controller using the KA2.5×6 mm machine screws. Carefully loop the cables so that the terminal bracket can close securely. See Figure 6.



NOTE: If mounting directly to a wall and not a 1-gang electrical box, pull cables straight down and not through the access hole on the terminal bracket.

Step 2:

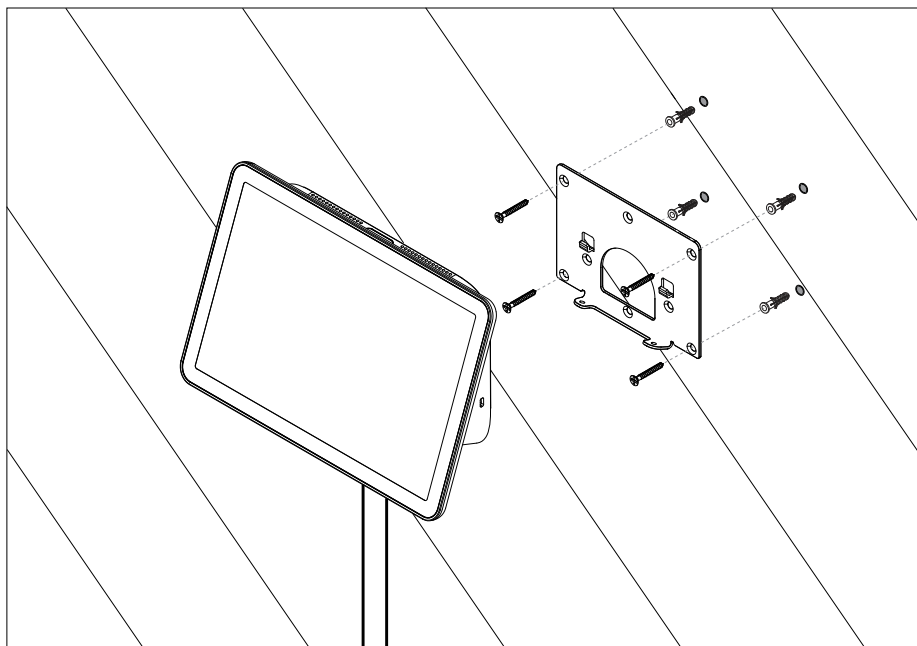
Attach the wall bracket to the wall. This can be screwed to a 1-gang electrical box (Figure 7) or directly to the wall (Figure 8) using the self-tapping screws and wall anchors.



— Figure 7 —

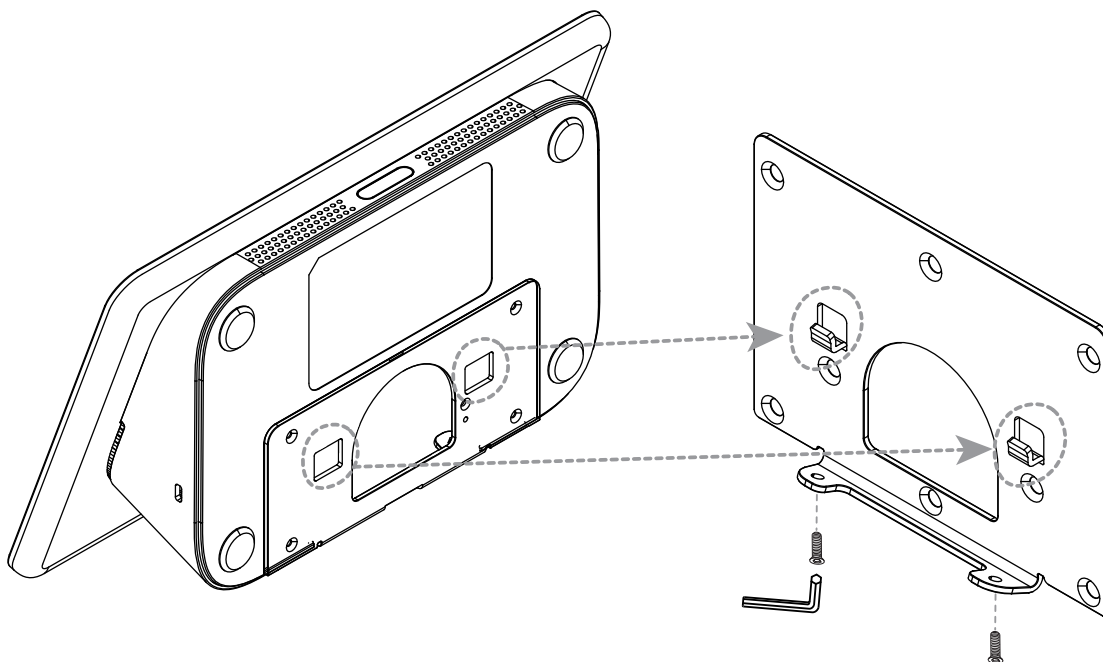
Step 3:

Attach the Controller to the wall mount by aligning the openings on the terminal bracket with the protrusions or hooks on the wall mount and allow the Controller to drop in place. See Figure 9, below.



— Figure 8 —

Step 4: Then use the M3×5 mm Socket Head Cap Screws to secure the Controller to the wall mount using an M3 Allen Wrench. See Figure 9.



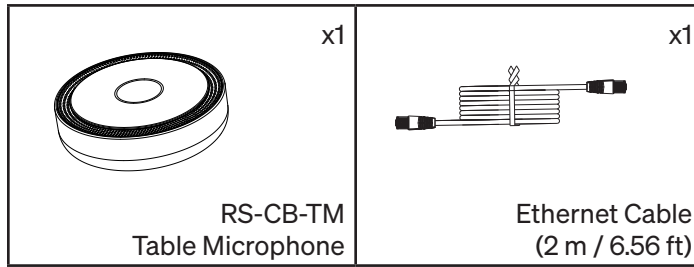
— Figure 9 —



NOTE: If mounting to an electrical box, push the excess cable into the box when mounting. When mounted directly to the wall, the cables should hang down.

RS-CB-TM Expansion Table Mic Installation (optional)

Before installing the device, make sure that the following accessories are available:



NOTE: The expansion table mic and mounting accessories and screws must be purchased separately.

Multiple Mics

Up to 4 mics can be connected in series. Connect the IN port of the first mic to the EXPANSION port of the Collaboration Bar using an Ethernet cable. The OUT port of each mic connects to the IN port of the next mic.

Mounting

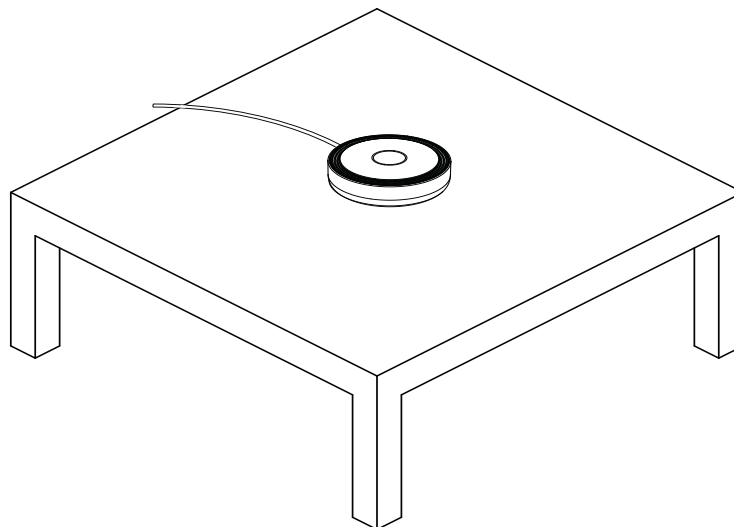
There are two options to install the RS-CB-TM Expansion Table Mic:

- A. Place on a Table.
- B. Mount on a Table Mount.

Depending on your needs, you can install the device using one of the following procedures.

Option A: Place on a Table

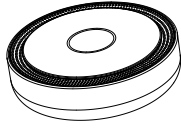
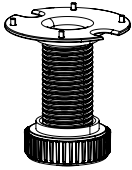
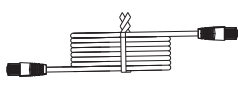
Plug the cables in the back of the RS-CB-TM Expansion Table Mic, and then the Mic can be placed on any flat surface that allows for easy access and use (Figure 10).



— Figure 10 —

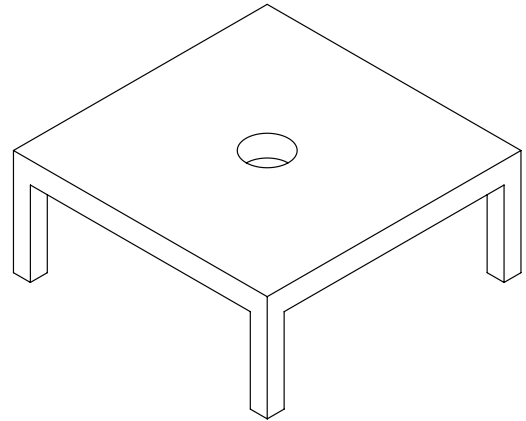
Option B: Mount on a Table Mount

Before installing the device using the Table Mount option, make sure that the following accessories are available:

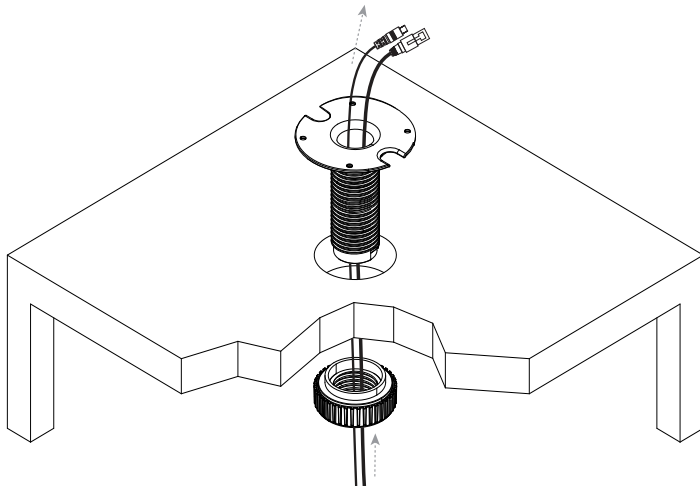
	x1		x1		x1		x4
RS-CB-TM Table Microphone		RS-CBM-TMK Table Mount (assembled)		Ethernet Cable (2 m / 6.56 ft)		KM3×6mm Machine Screws	

Step 1:

Drill a 1 1/2 inch (3.8 cm) diameter hole into the table being used for installation. This will be the permanent location where the the preassembled RS-CBM-TMK Table Mount will be securely attached. See Figure 11.



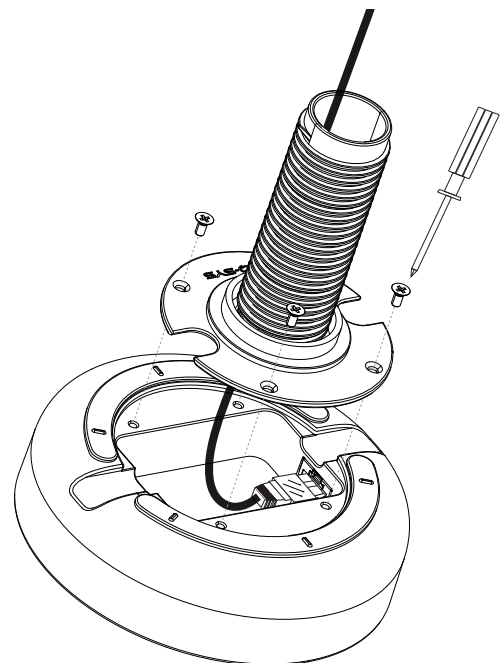
— Figure 11 —



— Figure 12 —

Step 2:

Pull the necessary cable/s through the mounting nut (note the orientation), the drilled hole in the table, and through the cylinder of the Table Mount as shown in Figure 12.



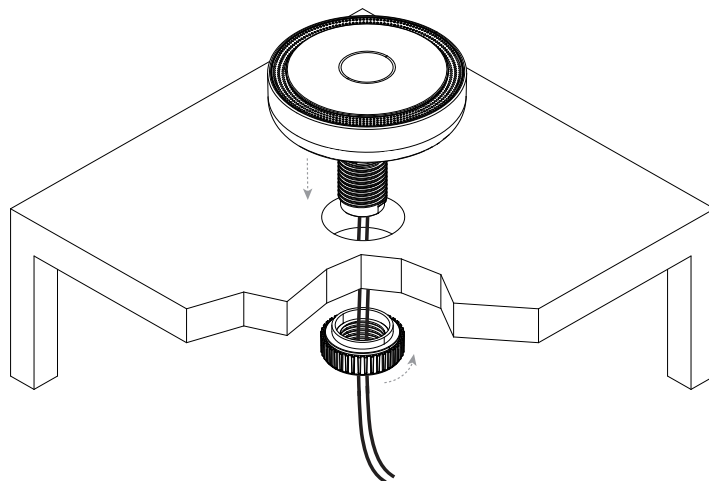
— Figure 13 —

Step 3:

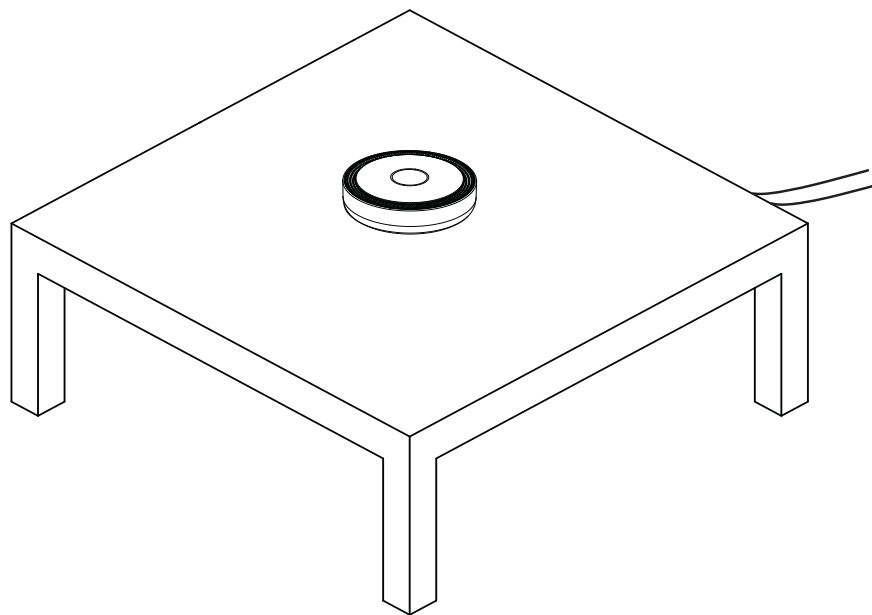
Screw the Table Mount in place on the back of the Expansion Table Mic using the four KA3×6mm Machine Screws. See Figure 13.

Step 4:

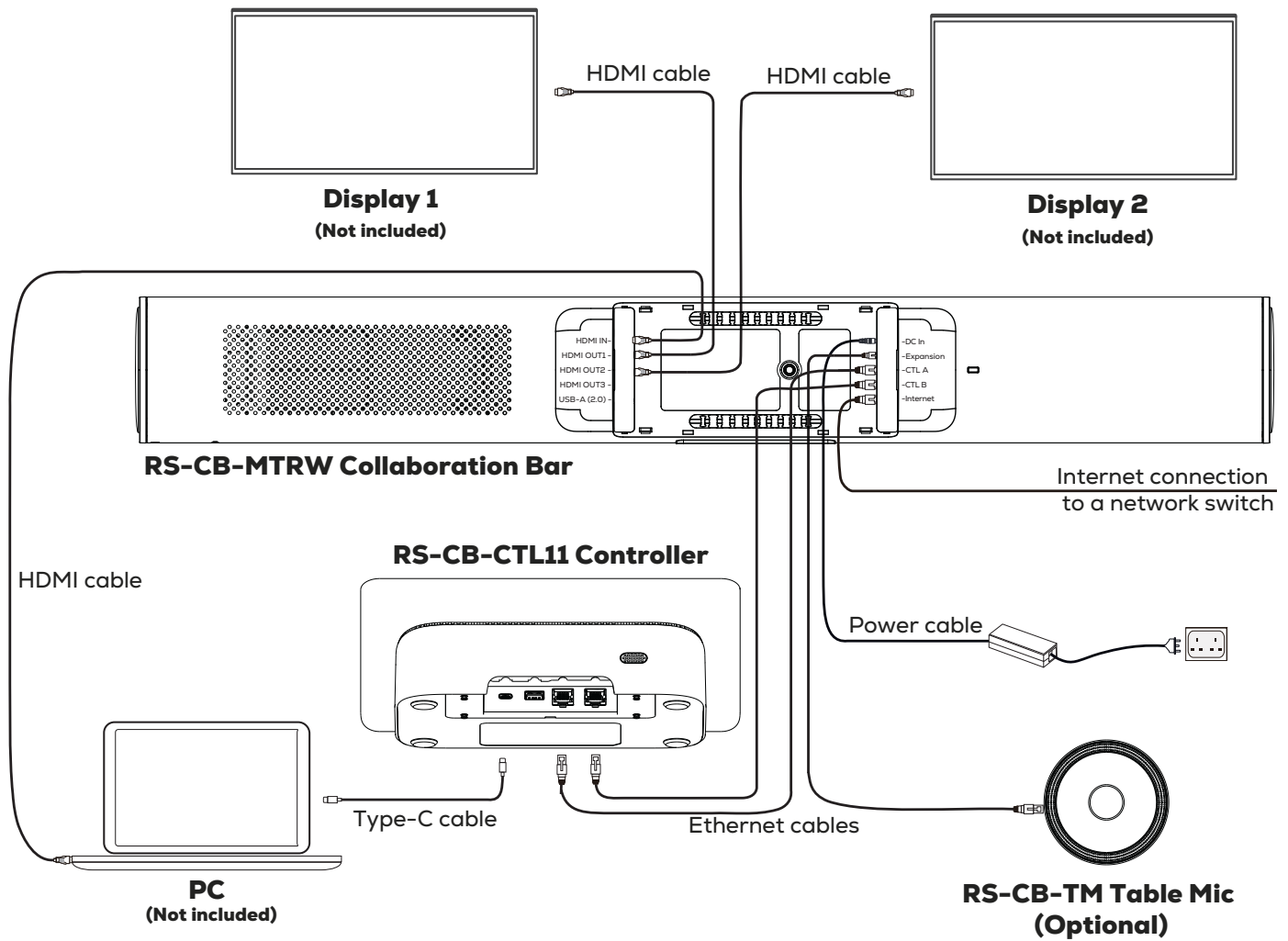
Insert the cylinder of the Table Mount with the attached Expansion Table Mic into the drilled hole in the table surface. Turn the mounting nut clockwise until snug. The collar on the top of the mounting nut should fit into the drilled hole. See Figure 14.



— Figure 14 —



Wiring Diagram



NOTE: Connect the Collaboration Bar to an RS-CB-TM table microphone. Up to 4 microphones can be connected in series, by connecting the Out port of the first mic to the IN port of the second mic, etc.

Option A: Works as a Microsoft Teams Room System

Option B: Content sharing using USB-C to Controller

- For content sharing, connect the RS-CB-CTL11 Controller to your PC via a Type-C cable.

Option C: Content sharing using HDMI IN

- For content sharing, use an HDMI cable to connect the RS-CB-MTRW Collaboration Bar to your PC.

Getting Started

First Use Power-On

The first time you connect power, you will need to turn on the Collaboration Bar using the power button under the right endcap. See the instructions on page 10 and 11 on locating and removing the end cap security screw. Subsequently, the Collaboration Bar will automatically power up if power is disconnected and restored.

The RoomSuite Collaboration Bar is a certified system under the Microsoft Teams Rooms on Windows program. For the initial setup, you need to initialize Microsoft Windows and Teams using the Microsoft out-of-box experience. The Collaboration bar will be automatically updated to the latest Microsoft Windows and Teams versions. This update may take several hours.

Restart the Devices

You can restart the RS-CB-MTRW Collaboration Bar and RS-CB-CTL11 Controller as follows:

- **RS-CB-MTRW Collaboration Bar** - Press and hold the power button for 5 seconds to power off the Collaboration Bar. Then, press the power button again to power up.
- **RS-CB-CTL11 Controller** - Unplug and plug back the cable to the CTL A port to restart the Controller.

Firmware Upgrade

Firmware upgrade will be performed automatically via Windows Update.

Listening Ports on the Windows Device

Port 135 (TCP) - Used for RPC Endpoint Mapper – domain account related services (system core).

Port 445 (TCP) - Used for SMB file sharing (system core).

Port 139 (TCP, internal IP only) - Used for NetBIOS session (system service).

Port 137 / 138 (UDP, internal network only) - Used for NetBIOS Name and Datagram – network base services.

Port 5040 (TCP) - Used for Windows Update / Delivery Optimization (system service).

Ports 49664–49677 (TCP, dynamic range) - Used for RPC dynamic ports:

49664 → lsass

49665 → wininit

49666 / 49667 → svchost

49668 → spoolsv (printing service)

49677 → services

Port 5355 (UDP, internal broadcast) - Used for LLMNR – network discovery.

Port 5353 (UDP, internal broadcast) - Used for mDNS – network discovery.

Port 1900 (UDP, internal broadcast) - Used for SSDP/UPnP – network discovery.

Port 49673 (TCP, local only) - Used for OEM service (UdiServer).

Port 9820 (TCP, local only) - Used for OEM communication (UdiBroker).

Port 42201 (TCP, local only) - Used for audio/video interface service (aio_service).

Port 61201 (UDP, internal network) - Used for audio/video interface service (aio_service).

Port 9090 (TCP, internal network) - Used for audio/video interface service (aio_service).

Port 5050 (UDP) - Used for system component communication.

Port 50000+ (UDP, dynamic) - Used for internal system communication.

Port 443 (TCP, inbound from internal network) - Used for AIO Manager Backend – HTTPS server serving the main application API. Also allows inbound traffic from external machines on the same network.

Port 80 (TCP) - Used for AIO Manager Backend – HTTP redirect to HTTPS (port 443).

Port 3000 (TCP, local only) - Used for AIO Manager UI – frontend web application (served behind reverse proxy on port 443).

Port 3005 (TCP) - Used for Edge Control Plane – HTTP server.

Port 4040 (TCP, local only) - Used for gRPC inter-service communication – served by Edge Control Plane, consumed by AIO Manager Backend.

Port 4041 (TCP, local only) - Used for gRPC inter-service communication – served by AIO Manager Backend, consumed by Edge Control Plane.



Customer Support

Refer to the Contact Us page on the Q-SYS website for Technical Support and Customer Care, including their phone numbers and hours of operation.

qsys.com/contact-us/

Knowledge Base

Find answers to common questions, troubleshooting information, tips, and application notes. Link to support policies and resources, including Q-SYS Help, software and firmware, product documents, and training videos. Create support cases.

support.qsys.com

Warranty

For a copy of the QSC Limited Warranty, go to:

qsys.com/support/warranty-statement/

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