



IntelliMix Room Kits

Microsoft Teams Rooms Solutions

Shure IntelliMix Room Kits for Microsoft Teams Rooms manual. Learn how to set up spaces for high-quality audio and video. IMXRK30, IMXRK50, IMXRK70, & IMXRK80
Version: 0.4 (2025-B)

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IntelliMix Room Kits

Microsoft Teams Rooms Solutions

Solution Overview

IntelliMix™ Room Kits have everything you need to get Microsoft Teams Rooms online quickly.



All kits start with the IntelliMix Foundation System (IMXF5) which includes:

- IntelliMix Foundation Compute with pre-installed IntelliMix® Room DSP software and Huddly Connect app
- IntelliMix Touch Panel
- PoE+ network switch
- USB-Ethernet adapter
- Cables for all connections

When the IntelliMix Foundation Compute starts for the first time, Shure IntelliMix Room DSP software automatically creates audio routes and optimizes audio settings for the room—with no configuration from you.

For best results, use the supplied devices. Shure extensively tests the auto setup process on the included devices.

Important: Make all network and power connections before turning on the IntelliMix Foundation Compute. Otherwise, auto setup will not run correctly and the system may not have sound. Auto setup can be started manually later.

Setup and Other Resources

- [Set up the IntelliMix Room Kit 30, 50, 70, or 80](#)
- [Microsoft Teams deployment overview](#)
- [MXA902 user guide](#)
- [Huddly documentation](#)
- [H3C network switch documentation](#)
- [TP-Link USB-Ethernet adapter documentation](#)
- [IntelliMix Room Kit troubleshooting](#)

Set Up a Room

Pre-Deployment Checklist

Before you install an IntelliMix Room Kit, complete these tasks for a successful deployment.

Pre-Deployment Checklist for IntelliMix Room Kits

Task	Requirements	More Details
Purchase Microsoft Teams Rooms licenses for each room	When you set up the room, you'll be asked for the account email address and password to sign in.	Microsoft Teams Rooms licensing overview
Prepare your network	Required network connections: 1 RJ45 network connection with internet access for each compute. All other devices connect to included network switches. See Step 2 for connection diagrams. You should also review required ports, protocols, and firewall changes for Microsoft Teams Rooms, IntelliMix Room, and Huddly Connect software.	Get your network ready for Microsoft Teams Required firewall changes for IntelliMix Room software Information about Huddly camera software releases
Plan for cable runs and power for each room	Required power connections: IntelliMix Room Kits 30, 50, and 70: 2 outlets IntelliMix Room Kit 80: 4 outlets See Step 2 for connection diagrams.	Shure provides all required cables for IntelliMix Room Kits, but you may need cables that are longer or shorter to fit the room.
Plan out where to install the MXA902(s) and camera(s)	Before deployment, plan where you will install all devices so that all talkers in the room can be seen and heard.	MXA902 placement guidelines Huddly camera installation guidelines

IntelliMix Room Kits support Autopilot and Autologin for Microsoft Teams Rooms. [See Microsoft's instructions](#) to learn how to set this up for your rooms.

Microsoft provides more [guidance about planning, deploying, and managing Microsoft Teams Rooms](#).

Step 1: Install Devices

Important: For the best setup experience, do not turn on the IntelliMix Foundation Compute until you have connected all other devices.

Place the devices where they will go in your room.

Installation instructions:

- [Compute installation](#)
- [Touch panel installation](#)
- [MXA902 installation](#)
- [Huddly camera installation](#)

Step 2: Connect Devices

Connect devices according to the diagram for each kit. After making all required connections to the compute, attach the cable cover.

Important: Make all network and power connections before turning on the IntelliMix Foundation Compute. Otherwise, auto setup will not run correctly and the system may not have sound. Auto setup can be started manually later.

Connection diagrams:

- [IntelliMix Room Kit 30](#)
- [IntelliMix Room Kit 50](#)
- [IntelliMix Room Kit 70](#)
- [IntelliMix Room Kit 80](#)

Tips

- Do not connect the included Shure or Huddly switches to the enterprise network. Auto setup may not work correctly in this configuration.
- All USB and Ethernet cables for the camera are included in the camera packaging.
- The IntelliMix Foundation Compute supports up to 2 connected displays (not included).

Step 3: Turn On the Compute

Before continuing, make sure that:

- The MXA902 has sufficient power (solid green status LED)
- The compute has an internet connection. This is required to sign in to Microsoft Teams Rooms.
- All other devices are plugged in and connected to power.

1. Press the power button to turn on the compute.
2. After seeing the Windows welcome screen, you'll be prompted to sign in. Windows may reboot to install updates before prompting you to sign in.

Note: Windows updates can take time. Do not turn off the compute during an update.

While the compute starts for the first time, IntelliMix Room DSP software runs in the background to create audio routes and optimize audio settings for the room.

Step 4: Sign in to Microsoft Teams Rooms

You can connect a keyboard and mouse to the IntelliMix Foundation Compute, if desired.

- **Sign in**
 - Use the touch panel to enter your Microsoft Teams Rooms credentials.
 - You can also use Autopilot and Autologin for Microsoft Teams Rooms. [See Microsoft's instructions](#) for details.
- **Check Microsoft Teams devices.** You may need to select the correct microphone and speaker sources.
 - Microphone: IntelliMix Room Echo Cancelling Speakerphone
 - Speaker: IntelliMix Room Echo Cancelling Speakerphone

- Camera: Huddly camera
- **Make a call to test the system**
 - Use the touch panel to adjust MXA902 loudspeaker volume in the room.

After completing these steps, your room is set up and ready to use.

MXA902 Status LED Behavior for IntelliMix Room Kits

Room Kit System Status	MXA902 LED Behavior
Unmuted in a Microsoft Teams call	Green
Muted in call	Red
Not in a call	Off

Note: At some point after signing in to Microsoft Teams Rooms, the MXA902 mute status LED changes from solid green to off. This behavior is normal and expected for a Microsoft Teams Room.

How to Switch Windows Accounts

The IntelliMix Foundation Compute has 2 built-in Windows accounts:

- **Skype for Business (Microsoft Teams Rooms) account:**
 - Default account when the system starts
 - Runs Microsoft Teams Rooms
- **Administrator account:**
 - Can make any change to the system with password (default: sfb)
 - Not used during meetings

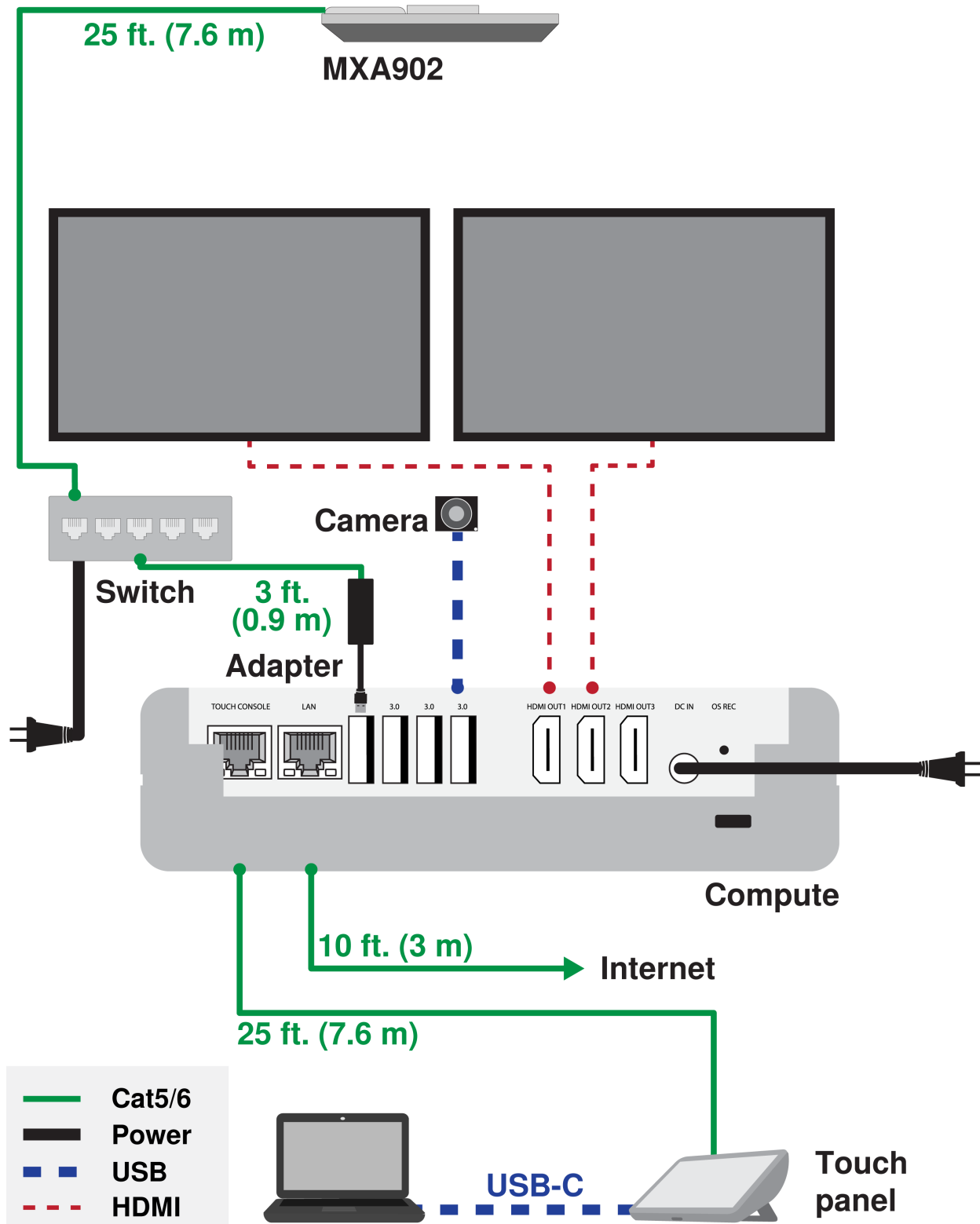
You may need to sign in to the administrator account for more advanced system configuration or troubleshooting.

To switch accounts:

1. Using the touch panel, go to More > Settings and enter the password (default: sfb).
2. Select Windows Settings and enter the password (default: sfb).

Connection Diagrams

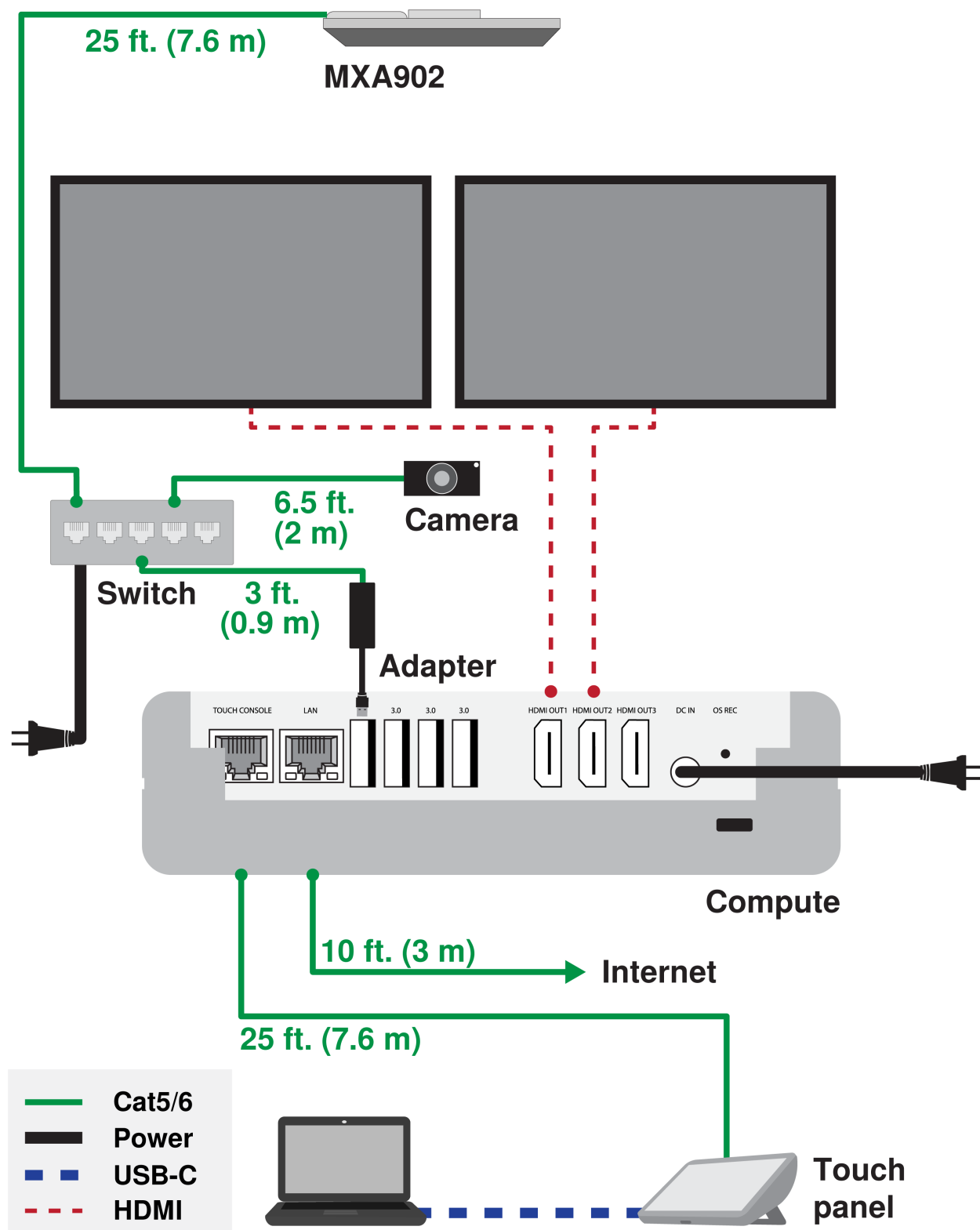
IntelliMix Room Kit 30 Connection Diagram



Huddly IQ cameras: If you need to use a cable longer than 6.5 ft. (2 m), use an active USB 3.0 cable. [Huddly's website](#) has additional information.

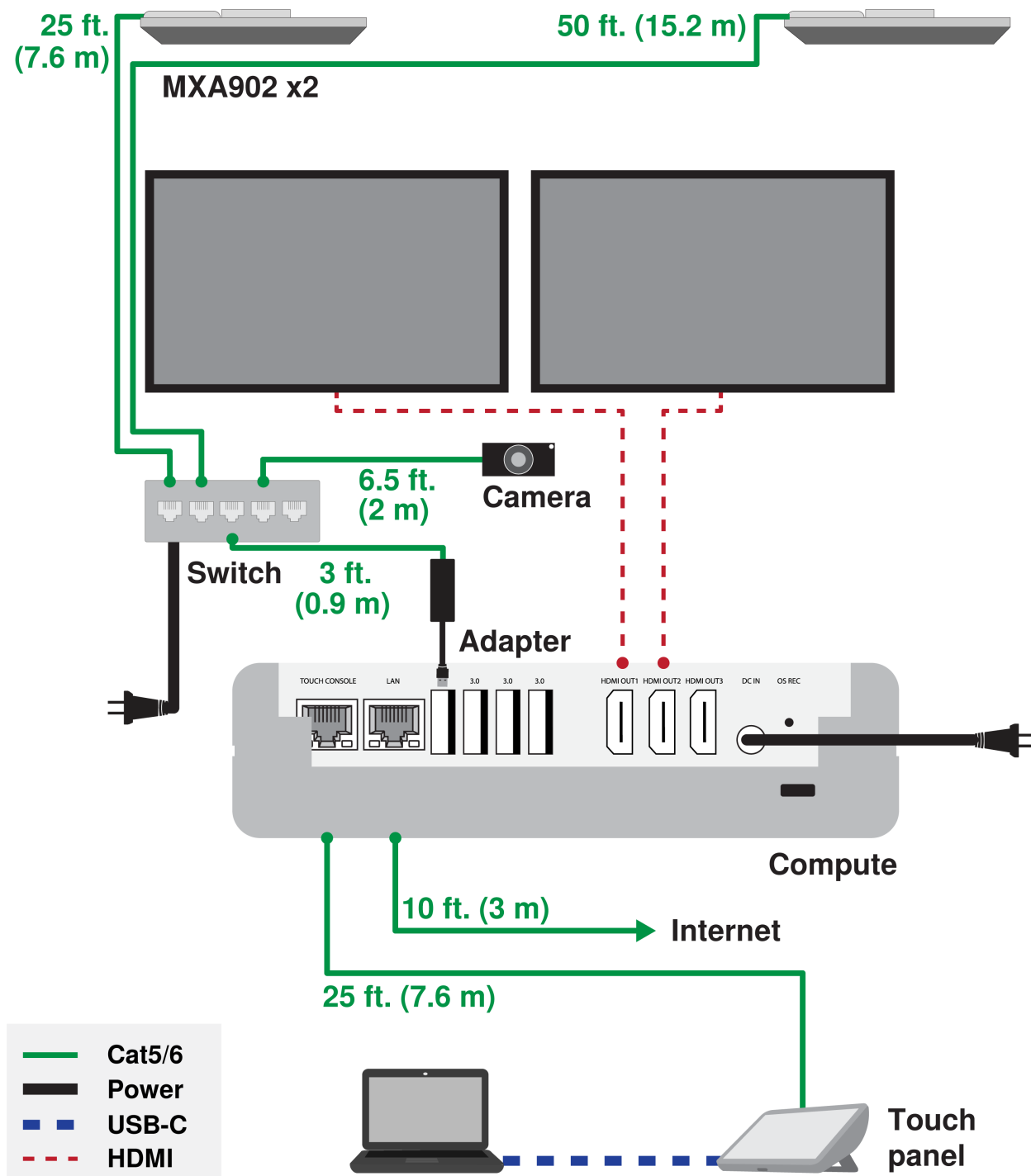
Note: The uplink port 5 on the network switch does not supply PoE+. Use ports 1-4 for the MXA902.

IntelliMix Room Kit 50 Connection Diagram



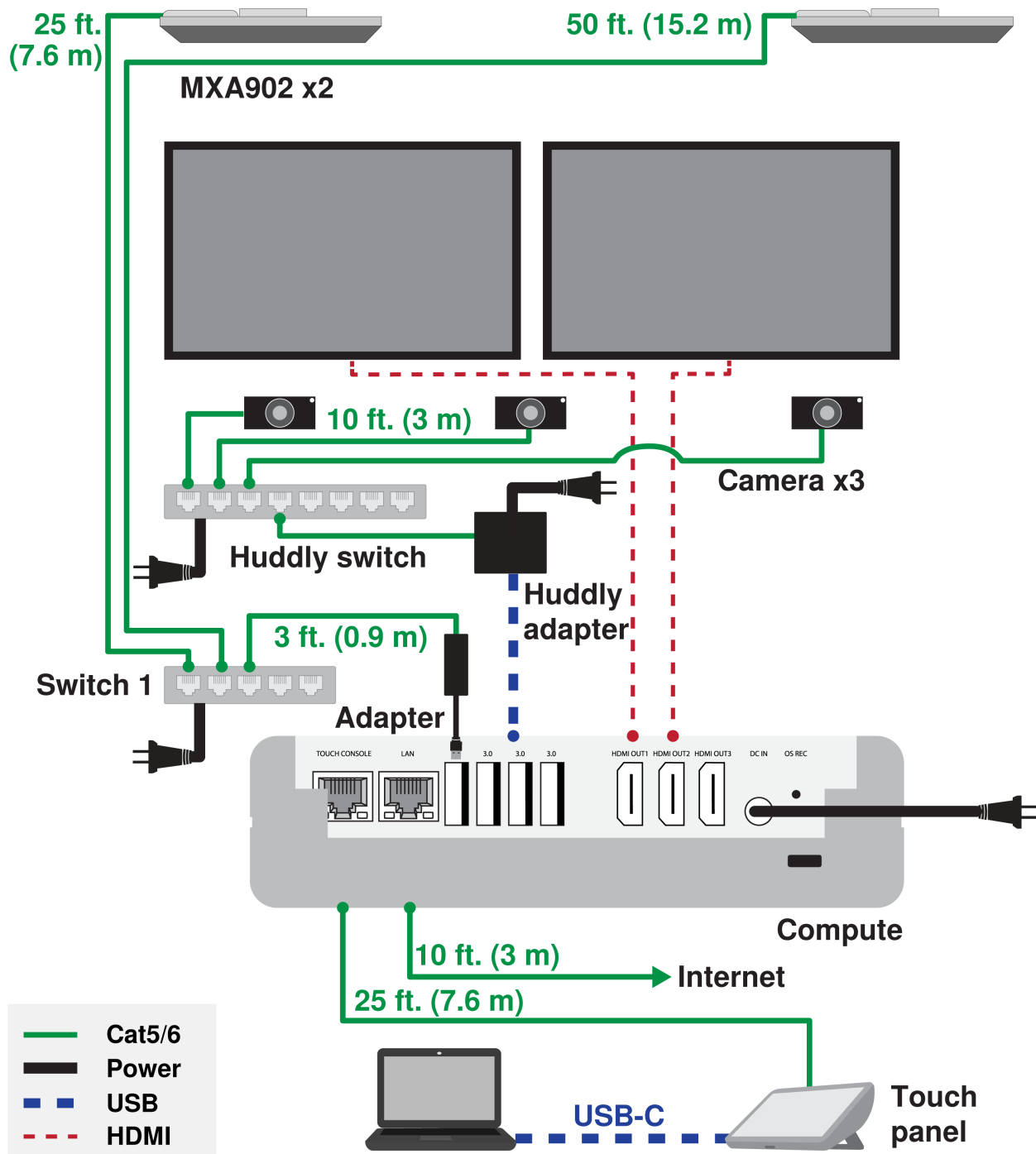
Note: The uplink port 5 on the network switch does not supply PoE+. Use ports 1-4 for MXA902 and camera connections.

IntelliMix Room Kit 70 Connection Diagram



Note: The uplink port 5 on the network switch does not supply PoE+. Use ports 1-4 for MXA902 and camera connections.

IntelliMix Room Kit 80 Connection Diagram



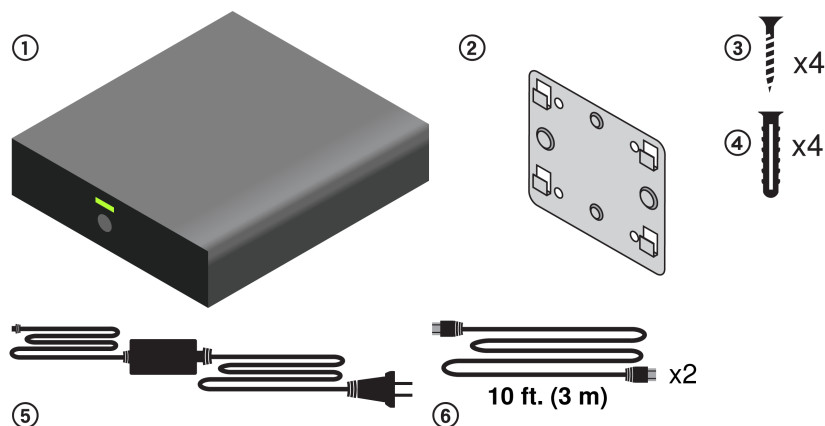
Note: The uplink port 5 on network switch 1 does not supply PoE+. Use ports 1-4 for MXA902 connections.

IntelliMix Foundation System Parts

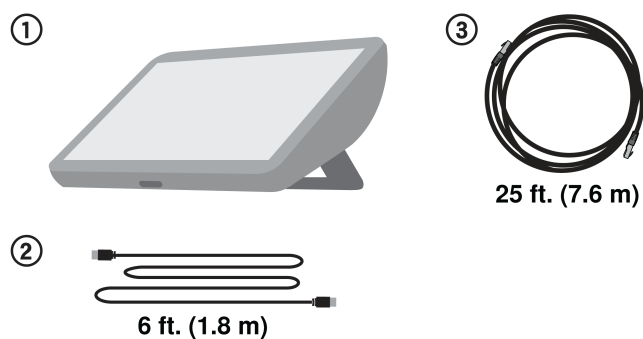
Each kit includes the IntelliMix Foundation System (IMXF5). Components include:

Compute:

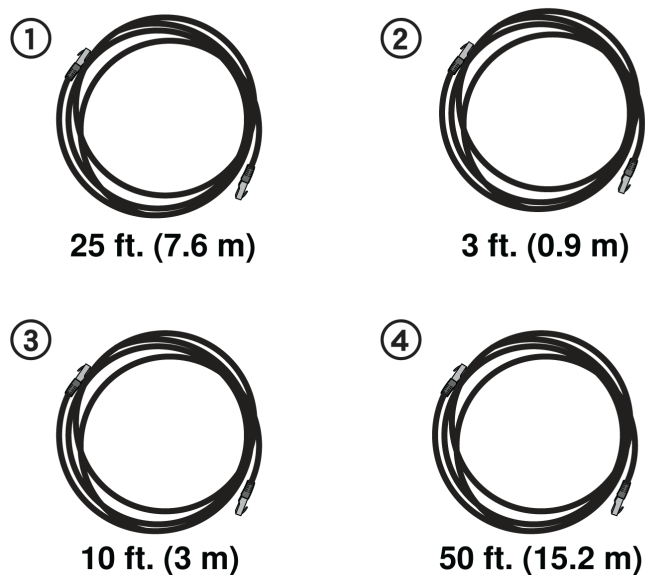
1. IntelliMix Foundation Compute
2. Wall bracket
3. Mounting screws for wall bracket (4 KA3 x 30)
4. Drywall/concrete anchors (4)
5. Power cords and FSP120-ABBN3 power supply for compute (included cords vary by region)
6. 10 ft. (3 m) HDMI cables to connect displays (2)

**Touch panel:**

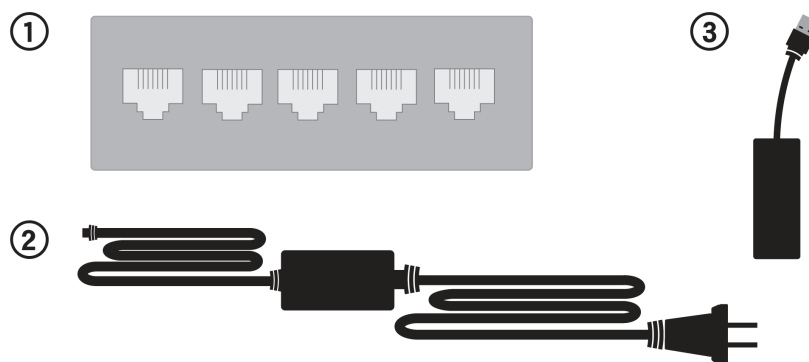
1. IntelliMix Touch Panel
2. 6 ft. (1.8 m) USB-C cable for in-room content sharing
3. 25 ft. (7.6 m) Ethernet cable to connect to compute

**Cables**

1. 25 ft. (7.6 m) Ethernet cable for MXA902
2. 3 ft. (0.9 m) Ethernet cable for USB-Ethernet adapter
3. 10 ft. (3 m) Ethernet cable to connect compute to internet
4. 50 ft. (15.2 m) Ethernet cable for second MXA902

**Network switch and USB-Ethernet adapter:**

1. PoE+ network switch
2. Network switch power cords and power supply (included cords vary by region)
3. USB-to-Ethernet adapter (USB 3.0 to gigabit Ethernet)



IntelliMix Room Kit 30 Included Components

- IntelliMix Foundation System
- MXA902 Ceiling Array Microphone + Loudspeaker
- Huddly IQ Camera



IntelliMix Room Kit 50 Included Components

- IntelliMix Foundation System
- MXA902 Ceiling Array Microphone + Loudspeaker
- Huddly L1 Camera



IntelliMix Room Kit 70 Included Components

- IntelliMix Foundation System
- (2x) MXA902 Ceiling Array Microphone + Loudspeaker
- Huddly L1 Camera

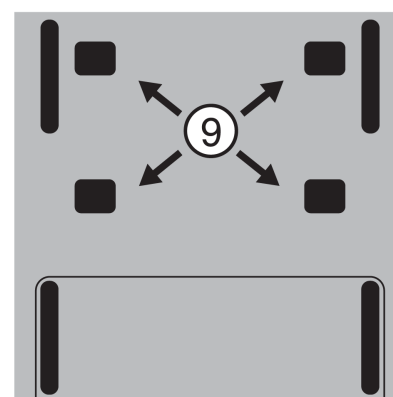
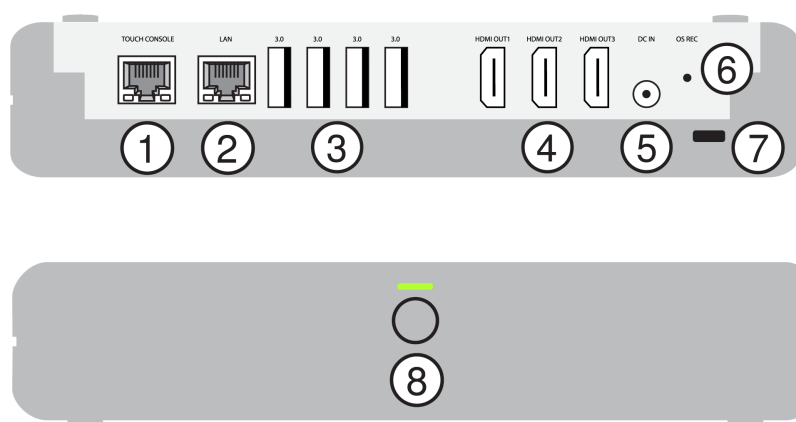


IntelliMix Room Kit 80 Included Components

- IntelliMix Foundation System
- (2x) MXA902 Ceiling Array Microphone + Loudspeaker
- Huddly Crew 3-Camera System



IntelliMix Foundation Compute Parts



1. RJ45 for connection to IntelliMix Touch Panel
2. RJ45 for connection to internet
3. USB-A 3.0 (x4)
4. HDMI out (x3)
5. DC IN: Power
6. OS recovery: Use to restore factory settings
7. Kensington lock slot
8. Power button
9. Mounting holes for wall bracket

Restore Factory Settings

If you need to restore the compute's factory settings, connect a keyboard.

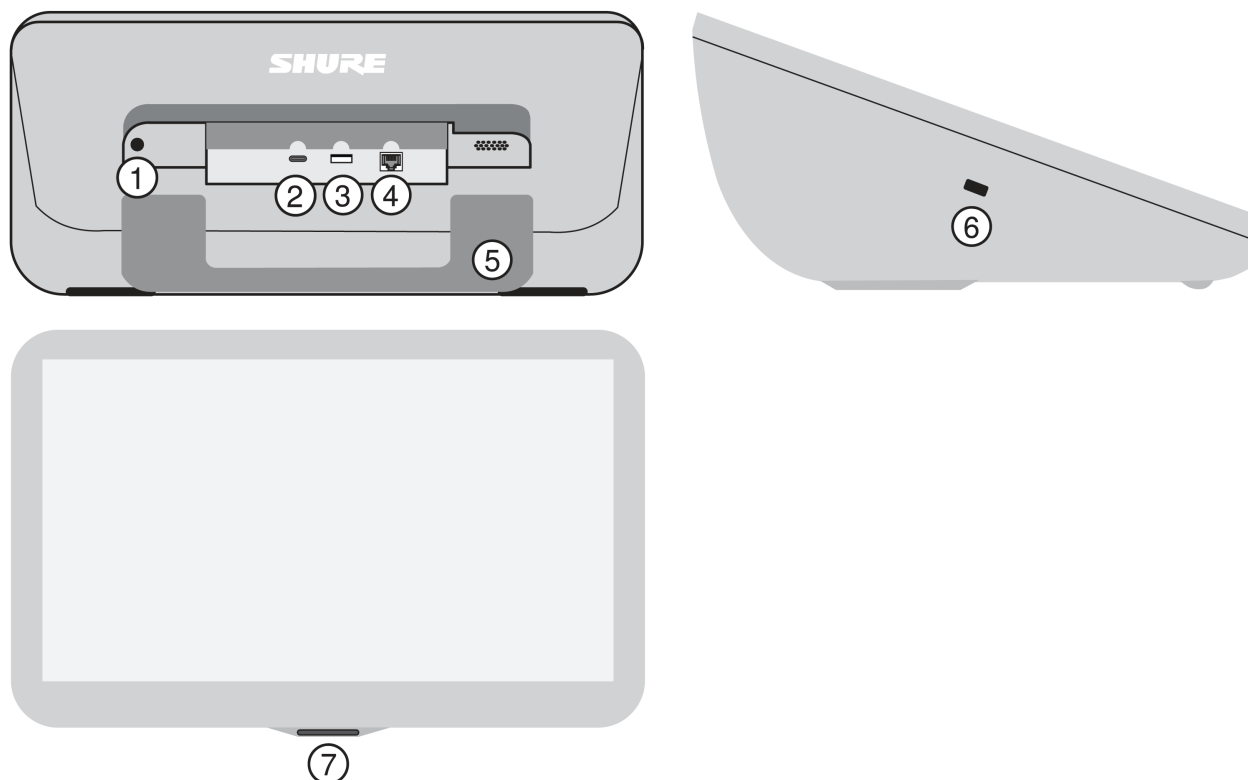
Caution: This process deletes all existing data and reloads the system image.

To restore factory settings:

1. Press F2 while turning on the compute to access the setup interface.
2. Select the Security interface and go to the Secure Boot option.
3. Change Secure Boot to Disable.
4. Press F10 to save and restart.
5. Repeat steps 1 and 2 to check that Secure Boot is set to Not Active.
6. Turn off the compute and disconnect it from power. Remove the back cover so that you can access all of the ports.
7. Use a paper clip or other tool to press and hold the OS REC button.
8. While holding the OS REC button, connect the power source and turn on the compute. The compute should restore the factory settings as it boots up.

IntelliMix Touch Panel Parts

Use the touch screen to join and start meetings. Touch the screen to wake the system.



1. 3.5 mm headphone jack
2. USB-C ingest for content sharing
3. USB-A
4. RJ45 for connection to IntelliMix Foundation Compute (DisplayLink over Cat5)
5. Movable kickstand

6. Kensington lock slot
7. Passive infrared sensor: The screen automatically turns on when a person is detected. The sensor works best when the kickstand is down.

Optional Accessories

- [A-IMXTP11-WB wall bracket for touch panel](#)

How to Share Content on the Displays

You can share content on the displays in a room with an IntelliMix Room Kit. To share content, use the included USB-C cable to connect a laptop to the touch panel's USB-C port.

These instructions work when you're in the room presenting or when you're using Microsoft Teams to make a call.

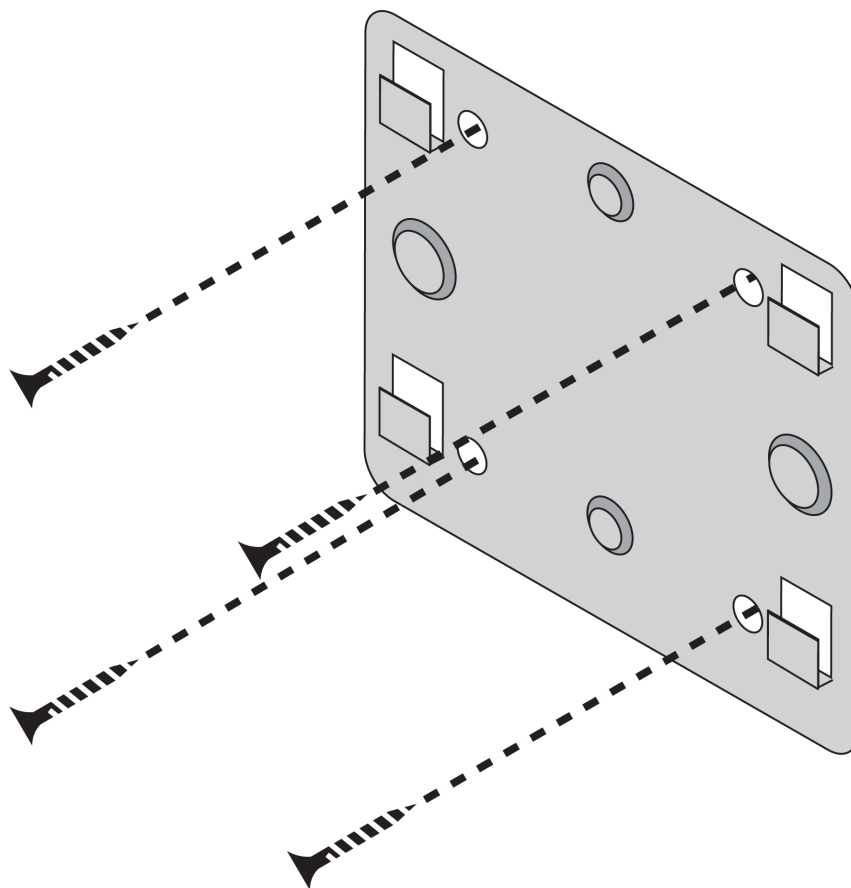
Installation Instructions

Install the Compute

Place the compute near the room's displays in a location with unrestricted airflow.

If wall mounting, use the included mounting bracket:

1. Use the included screws to attach the bracket to the wall with the mounting hooks facing up. If you're not installing on a stud, use the included anchors.
2. The compute slides onto the wall bracket. When installed, the cables come out the top end of the compute. It's easiest to make all required connections to the compute, attach the cable cover, and then slide it on to the wall bracket.



Important: Make all network and power connections before turning on the IntelliMix Foundation Compute. Otherwise, auto setup will not run correctly and the system may not have sound. Auto setup can be started manually later.

Install the Touch Panel

Place on a table or install on a wall using the optional [A-IMXTP11-WB wall bracket](#) (sold separately).

Note: The PIR sensor doesn't work when mounted on a wall.

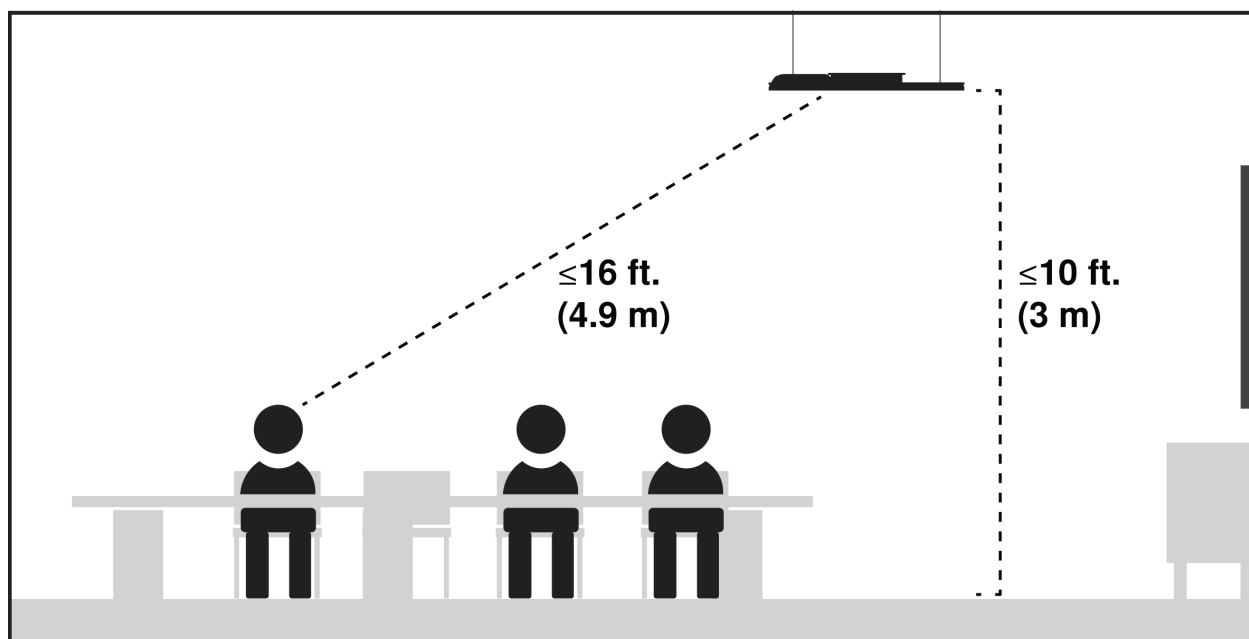
IntelliMix Room Kit Placement Guidelines for MXA902

The MXA902 ceiling array microphone + loudspeaker is an extremely flexible device for many types of rooms. For a seamless deployment, you should measure and plan for coverage before installation.

Install the MXA902 in a tile grid, suspended from the ceiling, or with other mounting accessories. [Refer to the MXA902 user guide](#) for complete installation instructions.

Coverage Overview

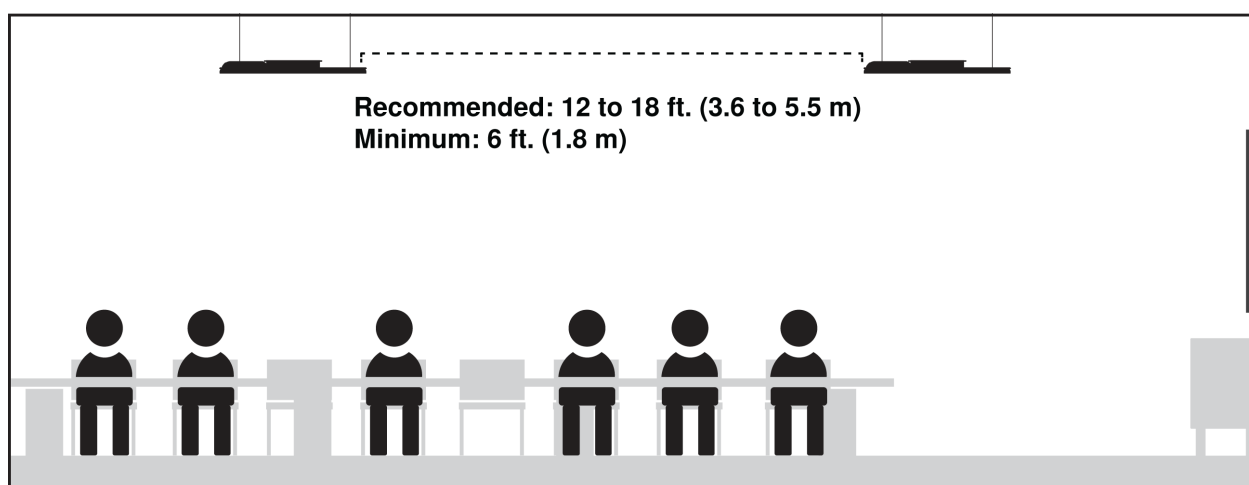
- Recommended maximum mounting height: 10 feet (3 m)
- Recommended maximum distance from microphone to talker: 16 feet (4.9 m)
- Install toward the front of the room near the display.
- The default coverage area is a 20 x 20-foot square (6.1 x 6.1 m) centered under the device.
 - For most installations, all you need to do is install the MXA902. There is a way to move the coverage area [in the device's control software](#), but you shouldn't need to do this for most installations.
- Don't place the MXA902 behind obstructions.



Tips for Installing 2 MXA902s

Use 2 MXA902s to cover a room larger than 20 x 20 ft. (6.1 x 6.1 m). Install one MXA902 near the front of the room and the other near the middle of the room. It's OK if some of each device's full coverage area goes unused.

- Recommended space between MXA902s: 12 to 18 ft. (3.6 to 5.5 m). Best performance in this range.
- Minimum space between MXA902s: 6 ft. (1.8 m). For rooms where 12 ft. spacing isn't possible.
- The size of the total coverage area depends on how close the 2 MXA902s are to each other.



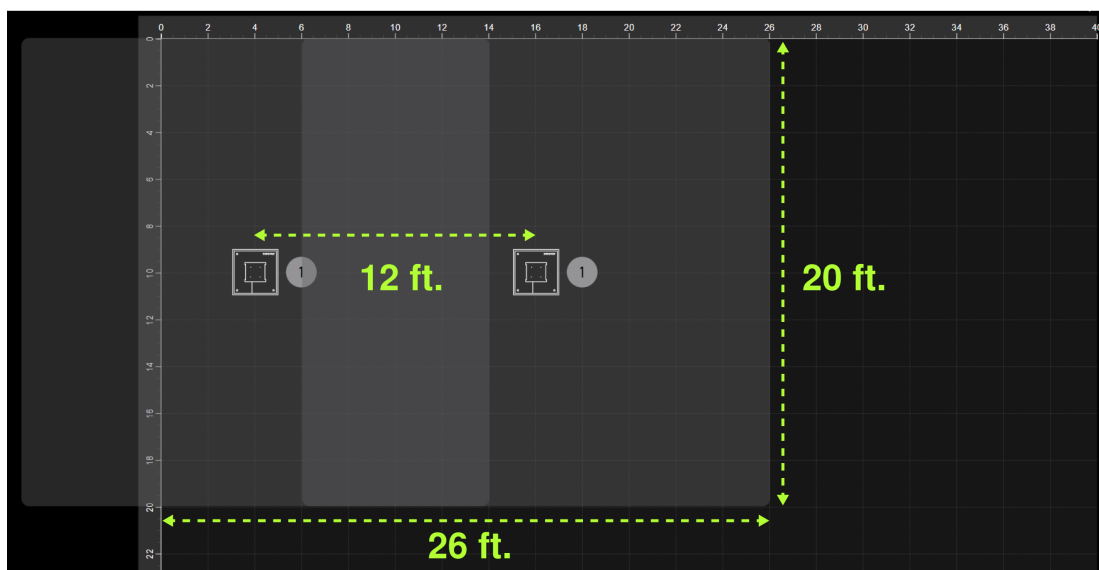
Note: Distances assume a mounting height of 9 ft. (2.7 m).

Coverage Examples

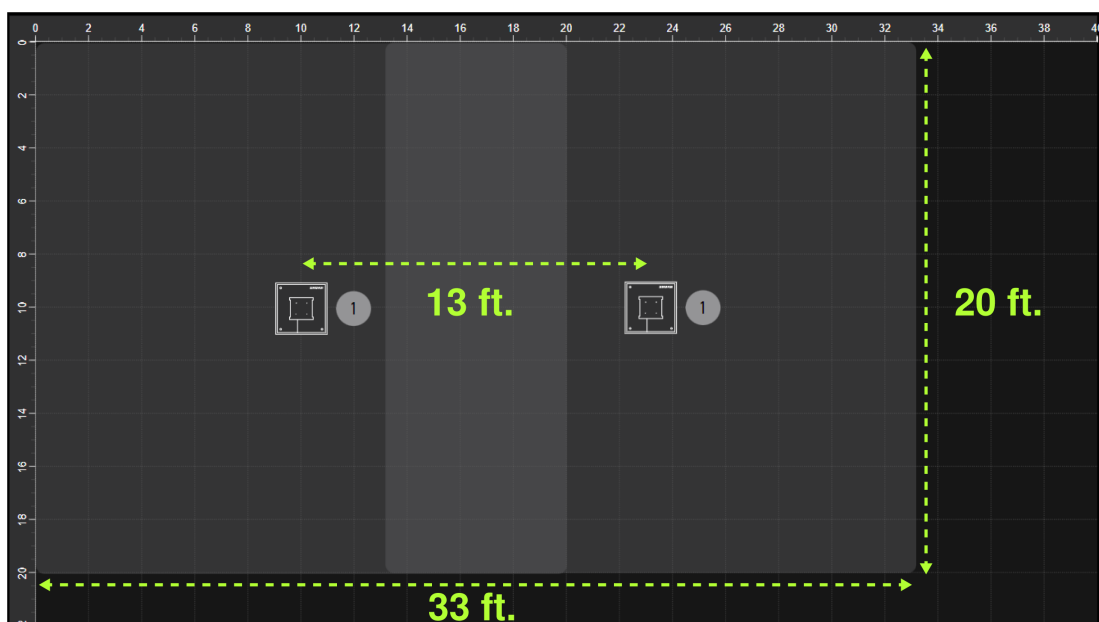
All examples use a mounting height of 9 ft. (2.7 m).

20 x 26-ft. Coverage:

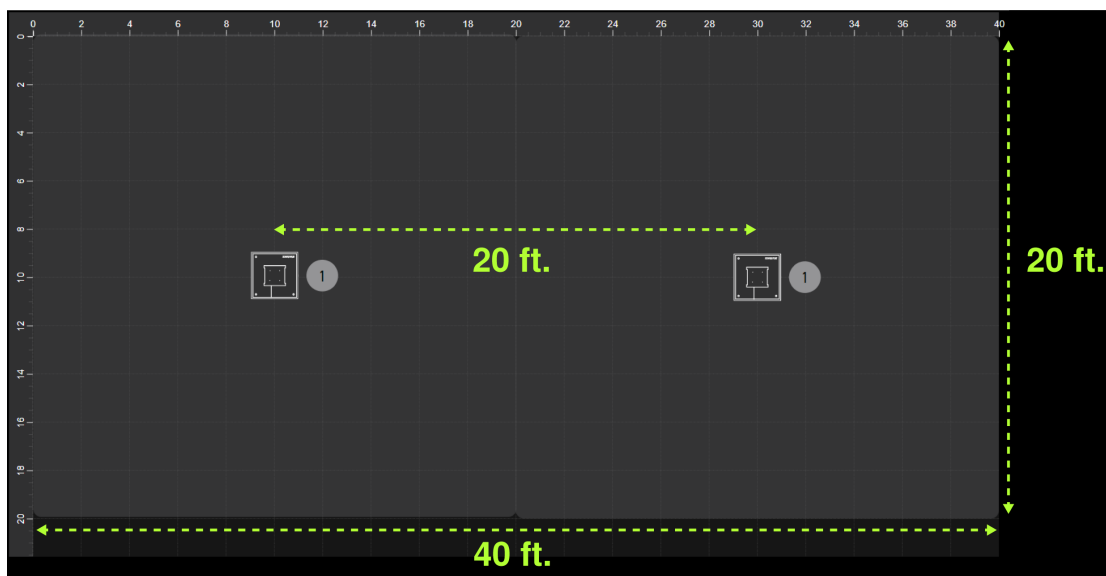
- 12 ft. (3.7 m) between MXA902s
- MXA902 on left is near the front of room. Some of its 20 x 20-ft. coverage area is unused, and this is OK.

**20 x 33-ft. Coverage:**

- 13 ft. (3.9 m) between MXA902s

**20 x 40-ft. Coverage:**

- 20 ft. (6.1 m) between MXA902s



Install Huddly Cameras

Install Huddly cameras as close to eye level as possible, either above or below the screen. For more details, visit Huddly's website:

- [Huddly IQ](#)
- [Huddly L1](#)
- [Huddly Crew](#)

How to Start Auto Setup

Follow these steps to run IntelliMix Room software's auto setup process on an IntelliMix Foundation Compute:

1. Sign in to the compute's [administrator account](#).
2. Right-click (long tap) the IntelliMix Room icon in the system tray and choose Auto setup.
3. Auto setup runs. You'll see a message that tells you if auto setup was successful or not.

You shouldn't need to run auto setup manually for most room kit deployments. When the compute starts for the first time, auto setup runs to create audio routes and optimize audio settings for the room.

You may need to run auto setup manually if:

- You [can't hear the far end](#) and they can't hear you during a test call
- You [added an MXA902 to the room](#)
- You [turned on the compute before connecting all devices](#)

Versions of IntelliMix Room Software

The IntelliMix Foundation Compute runs a custom version of Shure IntelliMix Room DSP software designed for the compute. This version is different from standard IntelliMix Room software available from Shure.

IntelliMix Room DSP Software Comparison

Feature	IMX Room Software for Room Kits	Standard IMX Room Software
Can be installed on IntelliMix Foundation Compute	Yes, comes installed on compute from factory.	No
Available to purchase separately	No	Yes. Visit shure.com/imxroom
Channels of IntelliMix DSP	8	8 or 16, depending on purchased license
Auto setup feature	Yes	No. Has similar room setup feature that can be started manually.

How to Add or Move an MXA902

Follow this procedure to do any of the following:

- Add a second MXA902 to an existing room kit installation
- Move a previously used MXA902 to a different room

Note: This procedure also works if you have a compute that was previously set up and then later reimaged.

To add an MXA902:

1. Check the second MXA902's firmware version.
 - **New MXA902:** The packaging lists the installed firmware version.
 - **Previously used MXA902:** Connect the MXA902 to PoE+ on a network switch. Open [Shure Update Utility](#) on a computer connected to the same network and subnet as the device. The Current version column shows the device's installed firmware.
2. If needed, update the MXA902's firmware to version 6.2.50 or newer using Shure Update Utility.
3. For a previously used MXA902, [reset to factory settings](#). If your MXA902 is new, you don't need to factory reset the device.
4. Install the MXA902 in the room with the other room kit devices. Connect it to the same switch as the other room kit devices. If your MXA902 was previously connected to another IntelliMix Room Kit, wait 30 seconds before continuing to step 5.
5. Restart the compute.
6. [Run the auto setup process](#) on the compute. After auto setup finishes, the room is ready to use.

View Room Kits in ShureCloud

Use [ShureCloud](#) to remotely view information about supported IntelliMix Room Kit devices.

Supported Devices

Device	Supported Features
MXA902 in room kit	View device information

Device	Supported Features
IntelliMix Room software installed on compute	View software information

Refer to the ShureCloud user guide to learn [how to add devices to your ShureCloud account](#).

Adjust Huddly Camera Settings

If needed, [use the Huddly App](#) to make changes to camera settings. The Huddly App is already installed on the IntelliMix Foundation Compute.

The Huddly App allows you to enable features like Huddly Director, Group Framing, or Gallery View. You can also adjust the camera's field of view using pan, tilt, and zoom.

Troubleshooting

IntelliMix Room Kit Troubleshooting

Problem	Solution
Can't hear far end talker and they can't hear me	First, check that Teams is using the correct devices: Microphone and speaker: IntelliMix Room Echo Cancelling Speakerphone Camera: Huddly camera If this doesn't solve the problem, check MXA902 firmware and connections: 1. Check that the MXA902 is connected to a PoE+ port on the switch. 2. Update the MXA902's firmware to version 6.2.50 or newer using Shure Update Utility. 3. Reset the MXA902 to factory settings. 4. Check that all other devices are connected according to the diagrams and have power. Check that the compute has an internet connection. Finally, restart the compute to run the auto setup process again. If needed, follow these steps to start auto setup manually: 1. Sign in to the compute's administrator account. 2. Right-click (long tap) the IntelliMix Room icon in the system tray and choose Auto setup. You'll see a message that tells you if the process was successful or not.

Problem	Solution
	If you continue to receive a failure message, contact Shure support.
I turned on the IntelliMix Foundation Compute before connecting other devices and auto setup didn't create audio routes	Run IntelliMix Room software's auto setup process again: 1. Connect all devices according to the diagrams. 2. Restart the compute to run auto setup again. See step 3 if you want to start auto setup manually. 3. Sign in to the compute's administrator account. Right-click (long tap) the IntelliMix Room icon in the system tray and choose Auto setup.
I used my own network switch or USB-Ethernet adapter and auto setup didn't work properly	Auto setup is only tested to work with the supplied network switch and USB-Ethernet adapter.
I changed the IntelliMix Foundation Compute device name and have stopped hearing far end audio from the MXA902's loudspeaker	1. Sign in to the compute's administrator account. 2. Right-click (long tap) the IntelliMix Room icon in the system tray and choose Auto setup. Auto setup fixes broken audio routes.
No sound from MXA902's loudspeaker	Check that MXA902 is connected to a PoE+ port on the switch. When connected to a PoE source, the MXA902 powers on, but the loudspeaker will not work. Check cables.
Auto setup keeps displaying a failure message	Check MXA902 firmware and connections: 1. Check that MXA902 is connected to a PoE+ port on the switch. 2. Update the MXA902's firmware to version 6.2.50 or newer using Shure Update Utility. 3. Reset the MXA902 to factory settings. 4. Check that all other devices are connected according to the diagrams and have power. Check that the compute has an internet connection. 5. Restart the compute to run auto setup again or start auto setup manually. If you continue to receive a failure message, contact Shure support.
Display doesn't turn on when the touch panel wakes the system	Adjust your display's settings.

Additional Resources

- [Shure Knowledge Base FAQs](#)
- [Command strings for Shure devices](#)
- [Shure API documentation](#)
- [Shure Enterprise Networking Troubleshooting Checklist](#)
- [Training from the Shure Audio Institute](#)
- [Shure Systems YouTube channel](#)

Download Shure Software

- [Shure Designer](#)
- [Shure Update Utility](#)
- [Shure Web Device Discovery](#)
- [Software and firmware archive](#)

IntelliMix Foundation System Specifications

General

Operating Temperature Range

0°C (32°F) to 40°C (104°F)

Storage Temperature Range

–20°C (–4°F) to 60°C (140°F)

IntelliMix Foundation Compute

CPU

12th generation Intel Core i5 processor

Memory

16 GB DDR4

Storage

256 GB

Graphics

Intel UHD Graphics for 12th generation Intel processors

Operating System

Windows 11 IoT Enterprise

Software

Microsoft Teams Rooms, IntelliMix Room (8-channel), and Huddly Connect

Inputs and Outputs

RJ45 (LAN)	1
RJ45 (To touch console)	1
USB-A 3.0	4
HDMI out	3
Power (DC IN)	1

Bluetooth Frequency Range

2402 MHz to 2480 MHz

Bluetooth Output Power

Bluetooth	20 dBm EIRP maximum
BLE	10 dBm EIRP maximum

WLAN Frequency Bands

2.4 GHz and 5 GHz

WLAN Output Power

Country-dependent

Antenna Type

Integral

Power Supply

FSP120-ABBN3

Power Consumption

120 W maximum

IntelliMix Touch Panel

Resolution

1920 x 1080

Frequency Refresh Rate

60 Hz

Touch System

Type	Capacitive touch
Surface Treatment	Anti-fingerprint, anti-glare

Motion Sensor

PIR sensor for automatic wake-up

Inputs and Outputs

Audio out (3.5 mm)	1
USB-C (Content sharing)	1
USB-A 2.0	1
RJ45 (To compute)	1

Input Power

Delivered by DisplayLink over Cat5

52V DC (0.49 A)

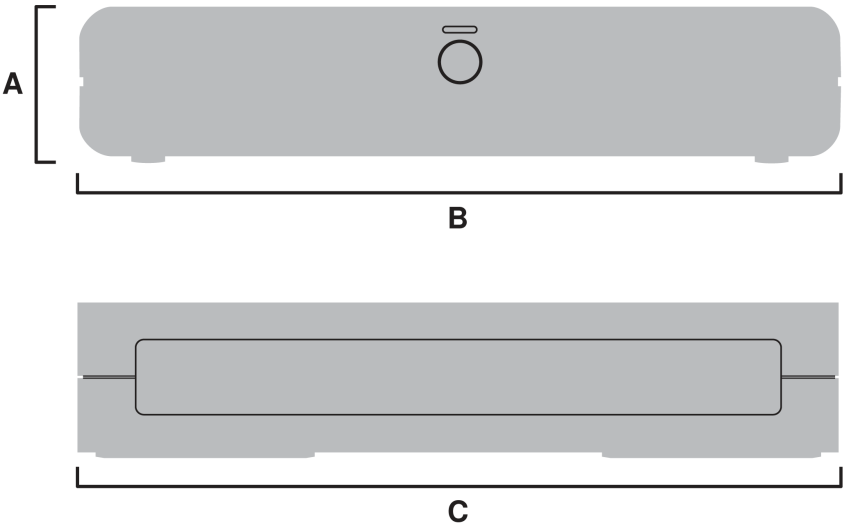
Power Consumption

13 W maximum

Dimensions

IntelliMix Foundation Compute

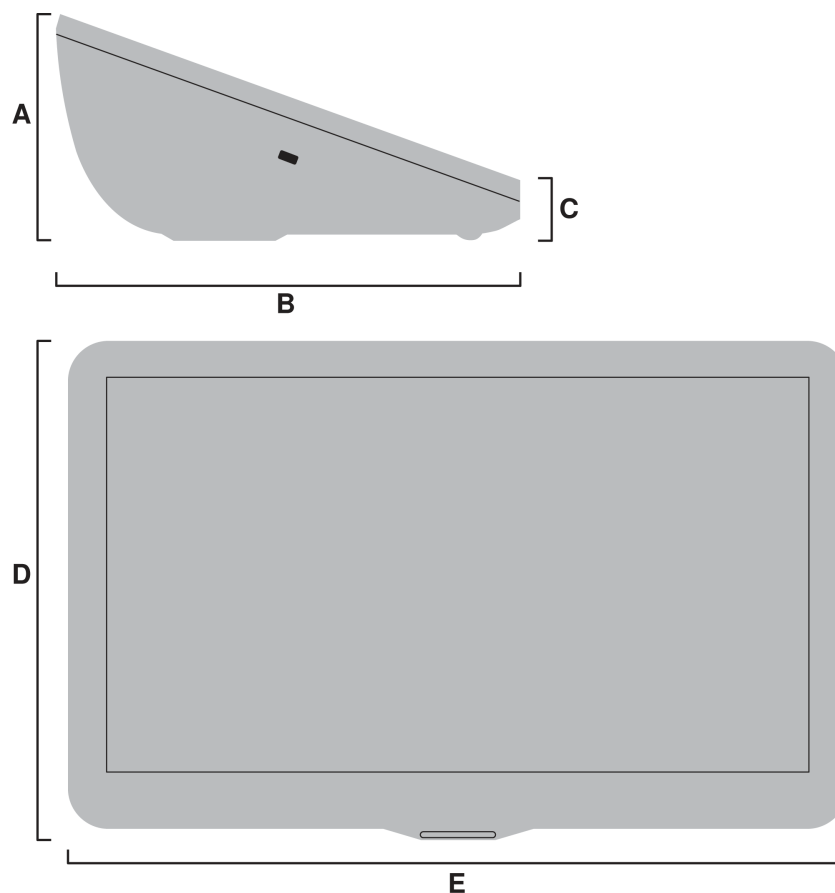
- A: 1.6 in. (40.17 mm)
- B: 7.7 in. (196 mm)
- C: 7.7 in. (196 mm)



Weight: 2.4 lb. (1.1 kg)

IntelliMix Touch Panel

- A: 3.2 in. (82.33 mm)
- B: 6.7 in. (169.63 mm)
- C: 0.8 in. (21.21 mm)
- D: 7.2 in. (183.25 mm)
- E: 11.2 in. (284.51 mm)



Weight: 2.8 lb. (1.3 kg)

Other Room Kit Device Specifications

- MXA902: [shure.com/en-US/docs/guide/mxa902](https://www.shure.com/en-US/docs/guide/mxa902)
- Huddly cameras: [huddly.com](https://www.huddly.com)
- H3C network switch: [h3c.com](https://www.h3c.com)
- USB-Ethernet adapter: [tp-link.com](https://www.tp-link.com)

Important Safety Instructions

	This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit.
	This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

1. READ these instructions.
2. KEEP these instructions.
3. HEED all warnings.
4. FOLLOW all instructions.
5. DO NOT use this apparatus near water.
6. CLEAN ONLY with dry cloth.

7. DO NOT block any ventilation openings. Allow sufficient distances for adequate ventilation and install in accordance with the manufacturer's instructions.
8. DO NOT install near any heat sources such as open flames, radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat. Do not place any open flame sources on the product.
9. DO NOT defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wider blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. PROTECT the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. ONLY USE attachments/accessories specified by the manufacturer.
12. USE only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



13. UNPLUG this apparatus during lightning storms or when unused for long periods of time.
14. REFER all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. DO NOT expose the apparatus to dripping and splashing. DO NOT put objects filled with liquids, such as vases, on the apparatus.
16. The MAINS plug or an appliance coupler shall remain readily operable.
17. The airborne noise of the Apparatus does not exceed 70dB (A).
18. Apparatus with CLASS I construction shall be connected to a MAINS socket outlet with a protective earthing connection.
19. To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
20. Do not attempt to modify this product. Doing so could result in personal injury and/or product failure.
21. Operate this product within its specified operating temperature range.
22. Follow local regulations and consult qualified personnel if the product installation or relocation requires construction work. Choose mounting hardware and an installation location that can support the weight of the product. Avoid locations subject to constant vibration. Use the required tools to install the product properly. Inspect the product periodically.

WARNING:

- Voltages in this equipment are hazardous to life. No user-serviceable parts inside. Refer all servicing to qualified service personnel. The safety certifications do not apply when the operating voltage is changed from the factory setting.
 - If water or other foreign objects enter the inside of the device, fire or electric shock may result.
1. Use only AC adapter that is provided with your product.
 2. If this product is powered by an AC adapter other than the AC adapter that comes with your product, it could result in personal injury and/or product failure.

Important Product Regulatory Information

EMC conformance testing is based on the use of supplied and recommended cable types. The use of other cable types may degrade EMC performance.

CE Notice

Hereby, Shure Incorporated declares that this product with CE Marking has been determined to be in compliance with European Union requirements.

The full text of the EU declaration of conformity is available at the following site: <https://www.shure.com/en-EU/support/declarations-of-conformity>.

UKCA Notice

Hereby, Shure Incorporated declares that this product with UKCA Marking has been determined to be in compliance with UK-CA requirements.

The full text of the UK declaration of conformity is available at the following site: <https://www.shure.com/en-GB/support/declarations-of-conformity>.

UK Cybersecurity

UK SI 2023 NO. 1007 STATEMENT OF COMPLIANCE

Product Type: Relevant connectable products as defined by The Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023.

Manufacturer Statement: We, Shure Incorporated, certify and declare as manufacturer under our sole responsibility, that the above mentioned product(s) conform(s) to Schedule 2 of the essential requirements of the listed applicable United Kingdom Statutory Instruments (including their amendments) and the associated norms.

Information on how to report security issues: The latest version of Shure's Disclosure policy can be found at the following link: <https://www.shure.com/en-GB/about-us/security>

Security update periods: Shure provides support regarding hardware and software updates that continue the integral cyber security safety of Shure products up to 24 months after end of life (AEOL). For the full statement regarding Shure's product support policy, and information regarding products end of life status information can be found at the following link: <https://www.shure.com/en-GB/about-us/security>

Manufacturer:

Shure Incorporated 5800 Touhy Avenue
Niles, Illinois, 60714-4608 U.S.A.
Website: www.Shure.com.

Technical documentation is kept at:

Shure Incorporated, Corporate Global Compliance Engineering Division

UK Importer/Representative:

Shure UK Limited
Unit 2, The IO Centre, Lea Road, Waltham Abbey, Essex, EN9 1AS, U.K.
Phone: +44 (0)1992 - 703058
Email: EMEAsupport@shure.de

On behalf of Manufacturer:

Chad Ayers

01 February 2024 Niles, Illinois
Senior Director, Global Compliance

FCC Notice

This equipment has been tested and found to comply with the limits for a Class B 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 residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference with radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference with radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the antenna of the radio/television receiver.
- Increase the separation between this equipment and the radio/television receiver.
- Plug the equipment into a different outlet so that the equipment and the radio/television receiver are on different power mains branch circuits.
- Consult a representative of Shure or an experienced radio/television technician for additional suggestions.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Notice: The FCC regulations provide that changes or modifications not expressly approved by Shure Incorporated could void your authority to operate this equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

For information regarding responsible party and other matters relating to FCC compliance, please contact Shure Incorporated, 5800 W. Touhy Avenue, Niles, Illinois 60714-4608 U.S.A. [shure.com/contact](https://www.shure.com/contact)

Canada, ISED Notice

Notice: The Industry Canada regulations provide that changes or modifications not expressly approved by Shure Inc. could void your authority to operate this equipment.

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The antenna(s) must be installed such that a minimum separation distance of 20 cm is maintained between the radiator (antenna) and all persons at all times.

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. L'utilisateur final doit suivre les instructions spécifiques pour satisfaire les normes. Cet émetteur ne doit pas être co-implanté ou fonctionner en conjonction avec toute autre antenne ou transmetteur. La ou les antennes doivent être installées de telle façon qu'une distance de séparation minimum de 20 cm soit maintenue entre le radiateur (antenne) et toute personne à tout moment.

Industry Canada (IC) Notices

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

Additional Canadian information on RF exposure also can be found at the following Web address: <http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08792.html>

NBTC Notice

เครื่องโทรคมนาคมและอุปกรณ์นี้มีความสอดคล้องตามมาตรฐานหรือข้อกำหนดทางเทคนิคของ กสทช.

ACMA Notice

WARNING: This device operates under an ACMA class license and must comply with all conditions of that license including operating frequencies.

SRRC Notice

- (一) 本产品符合“微功率短距离无线电发射设备目录和技术要求”的具体条款和使用场景；
- (二) 不得擅自改变使用场景或使用条件、扩大发射频率范围、加大发射功率（包括额外加装射频功率放大器），不得擅自更改发射天线；
- (三) 不得对其他合法的无线电台（站）产生有害干扰，也不得提出免受有害干扰保护；
- (四) 应当承受辐射射频能量的工业、科学及医疗（ISM）应用设备的干扰或其他合法的无线电台（站）干扰；
- (五) 如对其他合法的无线电台（站）产生有害干扰时，应立即停止使用，并采取措施消除干扰后方可继续使用；
- (六) 在航空器内和依据法律法规、国家有关规定、标准划设的射电天文台、气象雷达站、卫星地球站（含测控、测距、接收、导航站）等军民用无线电台（站）、机场等的电磁环境保护区域内使用微功率设备，应当遵守电磁环境保护及相关行业主管部门的规定。

IFETEL Notice

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

ANATEL Notice

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados. Para maiores informações, consulte o site da ANATEL – <http://www.anatel.gov.br>.

WARNING:

This device is restricted to indoor use only.

WARNING:

- the device for operation in the band 5150–5250 MHz 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 as appropriate; and

- users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

NCC Notice

1. 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。
2. 應避免影響附近雷達系統之操作。
3. 高增益指向性天線只得應用於固定式點對點系統。

MIC Notice

運用に際しての注意

この機器の使用周波数帯では、電子レンジ等の産業・科学・医療用機器のほか工場の製造ライン等で使用されている移動体識別用の構内無線局（免許を要する無線局）及び特定小電力無線局（免許を要しない無線局）並びにアマチュア無線局（免許を要する無線局）が運用されています。

1. この機器を使用する前に、近くで移動体識別用の構内無線局及び特定小電力無線局並びにアマチュア無線局が運用されていないことを確認して下さい。
2. 万一、この機器から移動体識別用の構内無線局に対して有害な電波干渉の事例が発生した場合には、速やかに使用周波数を変更するか又は電波の発射を停止した上、下記連絡先にご連絡頂き、混信回避のための処置等（例えば、パーティションの設置など）についてご相談して下さい。
3. その他、この機器から移動体識別用の特定小電力無線局あるいはアマチュア無線局に対して有害な電波干渉の事例が発生した場合など何かお困りのことが起きたときは、保証書に記載の販売代理店または購入店へお問い合わせください。代理店および販売店情報は Shure 日本語ウェブサイト <http://www.shure.co.jp> でもご覧いただけます。

日本の電波法および電気通信事業法準拠。本デバイスは日本の電波法および電気通信事業法に基づく認証を受けています。本デバイスを改造しないでください（改造すると認証番号は無効になります）。

本製品が 5GHz 帯で使用するチャンネルは、下記の W52、W53、W56 の 3 タイプです。

タイプ	チャンネル番号	周波数
W52	36	5,180 MHz
	40	5,200 MHz
	44	5,220 MHz
	48	5,240 MHz
W53	52	5,260 MHz
	56	5,280 MHz
	60	5,300 MHz
	64	5,320 MHz
W56	100	5,500 MHz
	104	5,520 MHz
	108	5,540 MHz

	112	5,560 MHz
	116	5,580 MHz
	120	5,600 MHz
	124	5,620 MHz
	128	5,640 MHz
	132	5,660 MHz
	136	5,680 MHz
	140	5,700 MHz

W52 と W53 の帯域の電波は屋内でのみ使用可能です。

現品表示記号について

2.4 OF 4

現品表示記号は、以下のことを表しています。この無線機器は 2.4GHz 帯の電波を使用し、変調方式は「DS-SS」方式および「FH-SS」方式、想定与干渉距離は 40m です。2,400MHz ~ 2,483.5MHz の全帯域を使用し、移動体識別装置の帯域を回避することはできません。

現品表示記号について

2.4 FH 1

現品表示記号は、以下のことを表しています。この無線機器は 2.4GHz 帯の電波を使用し、変調方式は「FH-SS」方式、想定与干渉距離は 10m です。2,400MHz ~ 2,483.5MHz の全帯域を使用し、移動体識別装置の帯域を回避することはできません。

Waste Electrical and Electronic Equipment (WEEE) Directive



In the European Union and the United Kingdom, this label indicates that this product should not be disposed of with household waste. It should be deposited at an appropriate facility to enable recovery and recycling.

Registration, Evaluation, Authorization of Chemicals (REACH) Directive

REACH (Registration, Evaluation, Authorization of Chemicals) is the European Union (EU) and the United Kingdom (UK) chemical substances regulatory framework. Information on substances of very high concern contained in Shure products in a concentration above 0.1% weight over weight (w/w) is available upon request.

US California Perchlorate (for Coin Cell Battery)

This product's coin cell battery may contain perchlorate and may require special handling when recycled or disposed. See www.dtsc.ca.gov/hazardouswaste/perchlorate.

Recycling Information

Please consider the environment, electric products and packaging are part of regional recycling schemes and do not belong to regular household waste.

中国 RoHS

部件名称	有害物质									
	Pb	Cd	Hg	Cr(VI)	PBB	PBDE	DBP	BBP	DIBP	DEHP
电路模块	X	○	○	○	○	○	○	○	○	○
金属模块	X	○	○	○	○	○	○	○	○	○
线缆及其组件	X	○	○	○	○	○	○	○	○	○
电源适配器*	X	○	○	○	○	○	○	○	○	○
锂电池组*	X	○	○	○	○	○	○	○	○	○
本表格依据 SJ/T11364 的规定编制。 O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T26572 规定的限量要求以下。 X: 表示该有害物质至少在该部件某一均质材料中的含量超出 GB/T26572 规定的限量要求。 注 1: 本产品大部分的部件采用无害的环保材料制造, 含有有害物质的部件皆因全球技术发展水平的限制而无法实现有害物质的替代。 注 2: 以上未列出的部分,表明其有害物质含量均满足电器电子产品有害物质限制使用国家标准要求 *:表示如果包含部分										

臺灣 RoHS

限用物質含有情況標示聲明

設備名稱：微型計算機 型號（型式）：IMXCPU5						
單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛 Lead (Pb)	汞 Mercury (Hg)	鎘 Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr+6)	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
塑膠外殼	○	○	○	○	○	○
PC主機板	-	○	○	○	○	○
硬盤	○	○	○	○	○	○
風扇	○	○	○	○	○	○
電源適配器	-	○	○	○	○	○
電源線	○	○	○	○	○	○
其他線材	○	○	○	○	○	○
附件	○	○	○	○	○	○
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。Note 1: "Exceeding 0.1 wt %" and "exceed 0.01 wt %" indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition. 備考 2：「○」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。 Note 2: "○" indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence. 備考 3：「-」係指該項限用物質為排除項目。 Note 3: The "-" indicates that the restricted substance corresponds to the exemption.						

FCC / IC ID

Contains FCC ID: PD9AX210NG

Contains IC: 1000M-AX210NG