Quick Installation Guide

1. RXV200 Introduction

Thank you for purchasing AudioCodes **RXV200 Microsoft Teams Rooms on Android Compute Unit**! This guide shows how to quickly install RXV200. AudioCodes has created a range of Microsoft Teams Rooms bundles based on the RXV200 compute unit and RX-PAD Meeting Room Controller.

RXV200 connects multiple audio and video peripherals, as well as dual screens, and offers support for a wide range of AI capabilities. RX-PAD allows users to seamlessly orchestrate productive meeting experiences.



2. RXV200 Bundles

AudioCodes offers six comprehensive RXV200 bundles:

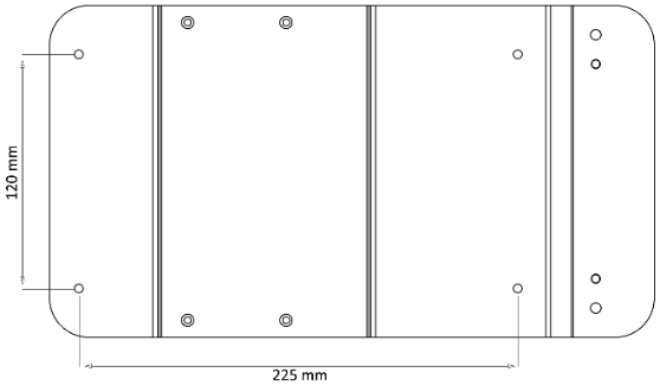
- ✓ **RXV200-B05 – for adding Teams to existing rooms**
  RXV200 + RX-PAD connecting to 3rd party equipment.
- ✓ **RXV200-B09 - for connecting the RXV200 to a Touch screen display**
  RXV200 + Touch Screen
- ✓ **RXV200-B20 - for small rooms of up to 10 participants**
  RXV200 + RX-PAD + RXVCam50M + RX15
- ✓ **RXV200-B40 - for medium size rooms of 6-12 participants**
  RXV200 + RX-PAD + RXVCam50M + RX40 (large room)
- ✓ **RXV200-B50 - for medium size rooms of 6-12 participants**
  RXV200 + RX-PAD + RXVCam50M + RX-HDL200
- ✓ **RXV200-B70 - for large rooms of 10-18 participants**
  RXV200 + RX-PAD + RXVCam70 + RX40 (large room)
- ✓ **RXV200-B360 - for small-medium size rooms of 2-8 participants**
  RXV200 + RX-PAD + RXVCam360

3. Wall Mounting RXV200

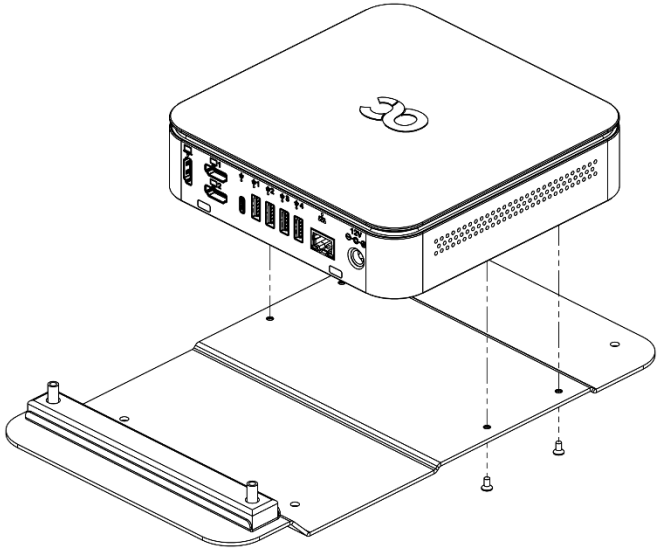
To wall-mount your RXV200, you can purchase a separate orderable wall-mount kit ("RXV-WALLMOUNT") from AudioCodes.

To wall-mount RXV200:

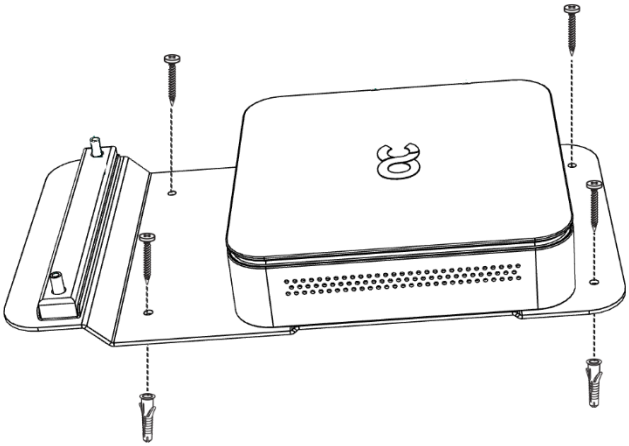
1. Mark the locations on the wall where you want to drill the four wall-mounting holes. You can use the physical wall-mount plate as a template or refer to the dimensions below:



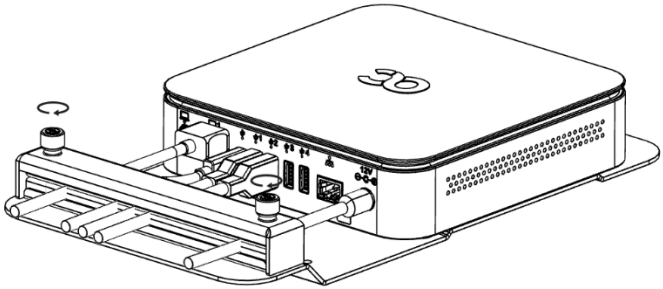
2. Drill holes into the wall according to your markings.
3. Insert the four screw anchors (supplied) into the drilled holes.
4. Attach RXV200 to the wall-mount plate using the four screws (supplied). Make sure that you insert the screws from the back of the plate, as shown below:



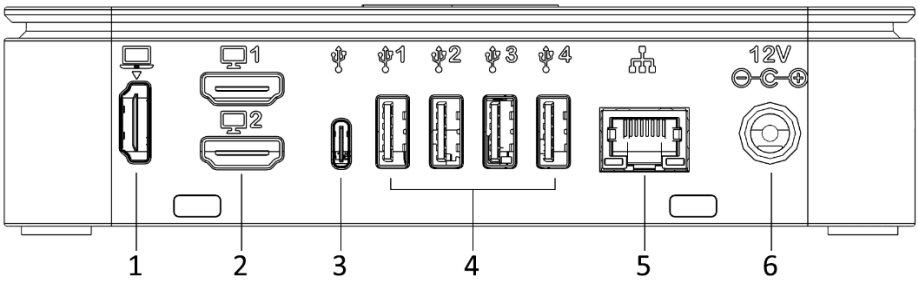
5. Mount the plate to the wall using the four wall-mounting screws (supplied):



6. Connect the required cables to RXV200.
7. Run the cables over the rubber cushion of the cable-retention clamp area.
8. Attach the cable-retention clamp cover (which provides cable strain relief and keeps cables secure), by tightening the integrated thumbscrews:



4. RXV200 Interface



#	Port	Description
1	HDMI Input types	HDMI 2.0 Input (including audio)
2	HDMI Outputs	2 x HDMI 1.4 Outputs to external screens
3	USB-C 3.0	Connects camera, audio peripherals
4	USB-A 3.0 (x4)	Connects camera, audio peripherals
5	LAN RJ-45	Connects RXV200 to the network
6	DC IN 12V 3A	Connects to 12V adapter

Meeting Room Cabling - HDMI

In a new installation, connect the main display to HDMI output port #1.

When connecting to HDMI output ports, always use the main port (port #1) first. Use port #2 only if there are two displays in the meeting room.

HDMI cable quality and length can affect signal stability and resolution.

- For 4K displays, passive cables should not exceed 7.5 meters in length.
- If longer distances are required, use HDMI over Cat cable solutions (up to 40m).
- Limited flexibility and large connectors of standard HDMI cables can complicate wiring.

5. RXV200-B05 Bundle

RXV200 + RX-PAD + existing meeting room equipment
RXV200-B05 leverages RXPAD to enable integration of an existing conference room AV system with Microsoft Teams.

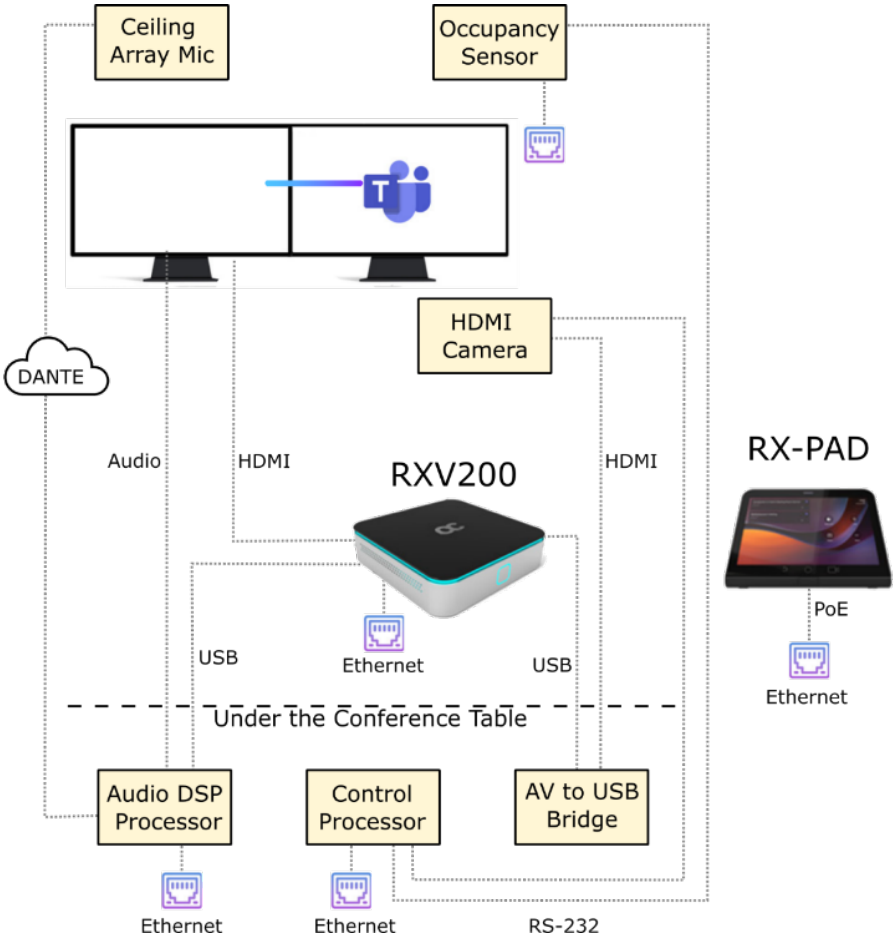
Package Contents

Make sure you received the following items in the shipped box:

- ✓ RXV200
- ✓ RX-PAD
- ✓ 12V 3A Power Adapter (100-240V)
- ✓ Ethernet Cable

IMPORTANT! Use the original cables provided in the box for the installation.

Connection Diagram for RXV200-B05



6. RXV200-B09 Bundle

RXV200 + existing Touch Screen
RXV200-B09 integrates with the client's touch screens without the need for an RX-PAD.

Package Contents

Make sure you received the following items in the shipped box:

- ✓ RXV200
- ✓ 12V 3A Power Adapter (100-240V)
- ✓ Ethernet Cable

IMPORTANT!

- Use the original cables provided in the box for the installation.
- Make sure to connect the USB from RXV200 to the screen.

7. RXV200-B20 Bundle

RXV200 + RX-PAD + RXVCam50M + RX15
RXV200-B20 with its HD wide-angle camera and table-mounted speaker is ideal for small and medium rooms.

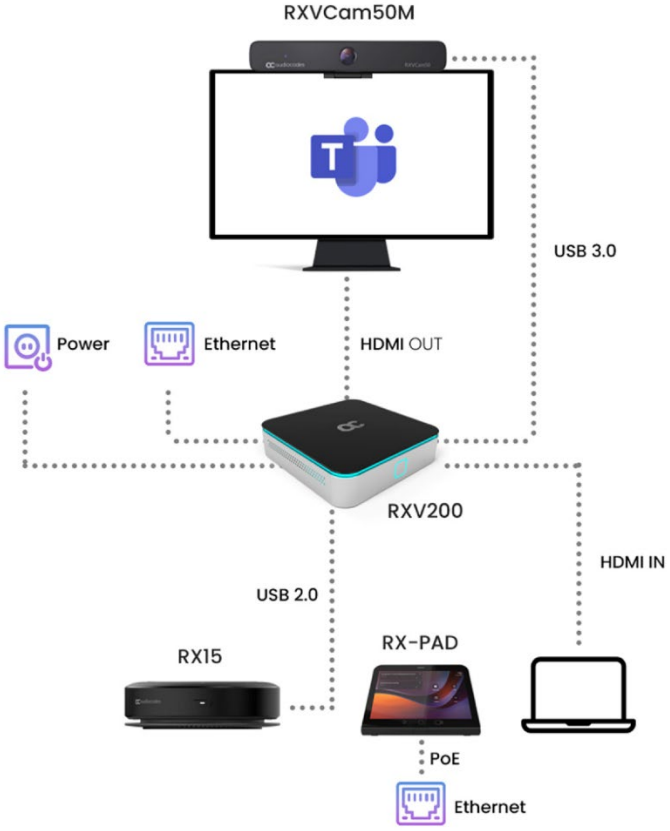
Package Contents

Make sure you receive the following items in the shipped box:

- ✓ RXV200
- ✓ RX15 Speakerphone (2.5m pickup radius)
- ✓ RX-PAD
- ✓ RXVCam50 Camera
- ✓ 12V 3A Power Adapter (100-240V)
- ✓ USB Type C cable
- ✓ Ethernet cable

IMPORTANT! Use the original cables provided in the box for the installation.

Connection Diagram for RXV200-B20



8. RXV200-B40 Bundle

RXV200 + RX-PAD + RXVCam50M + RX40

RXV200-B40 with its HD wide-angle camera and a powerful audio bar with two 10W speakers and satellite microphones is ideal for medium rooms.

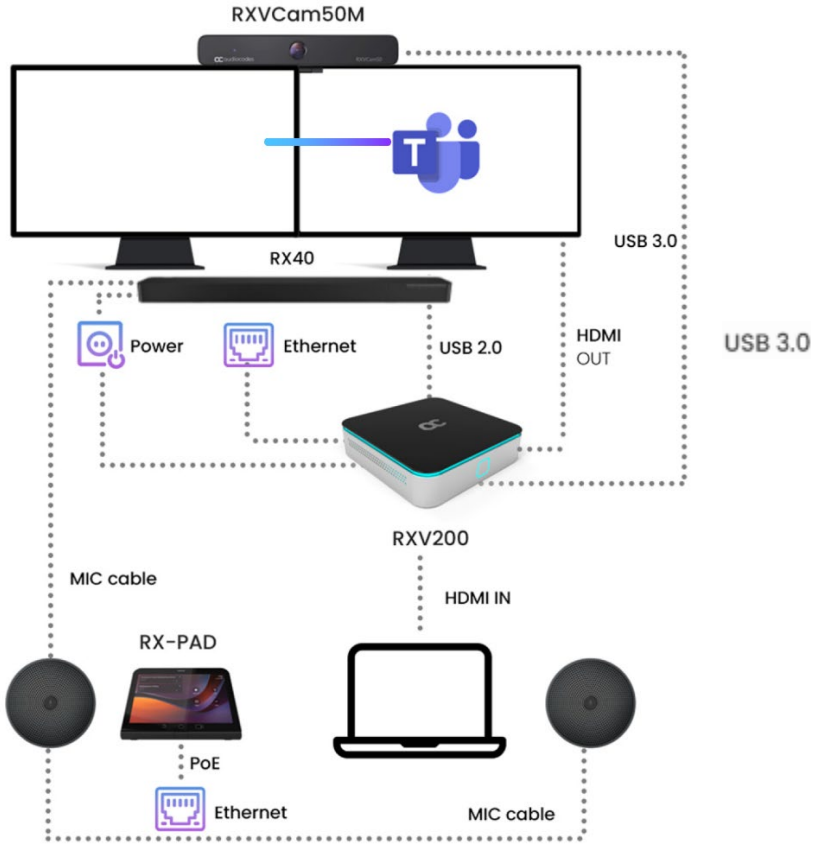
Package Contents

Make sure you receive the following items in the shipped box:

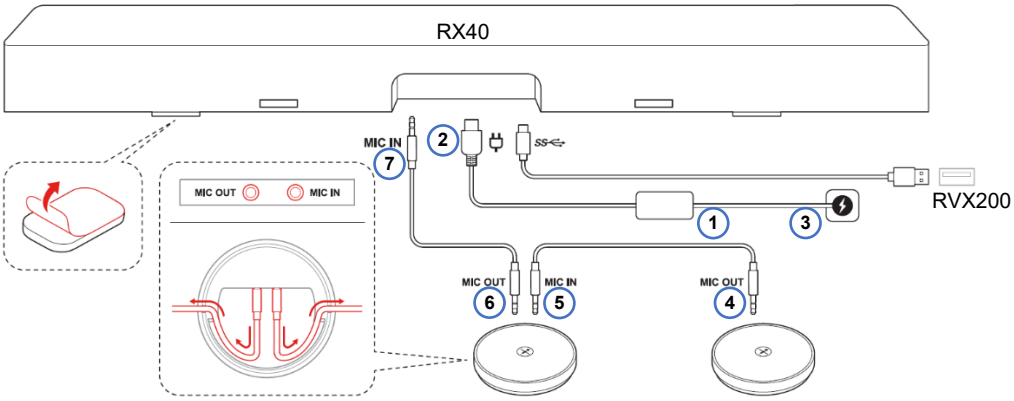
- ✓ RXV200
- ✓ RX40 Soundbar and Satellite Mics (8m pickup radius)
- ✓ RX-PAD
- ✓ RXVCam50 Camera
- ✓ 12V 3A Power Adapter (100-240V)
- ✓ USB Type C cable
- ✓ Ethernet cable

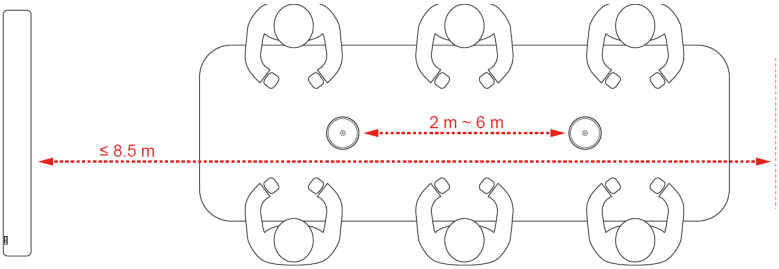
IMPORTANT! Power up RX40 when the USB is *not* connected.

Connection Diagram for RXV200-B40



RX40 Satellite mics Connection Diagram for RVX200-B40





9. RXV200-B50 Bundle

RXV200 + RX-PAD + RXVCam50M + RX-HDL200
RXV200-B50 with its HD wide-angle camera and a powerful audio bar with two 20W speakers is ideal for medium-sized rooms.

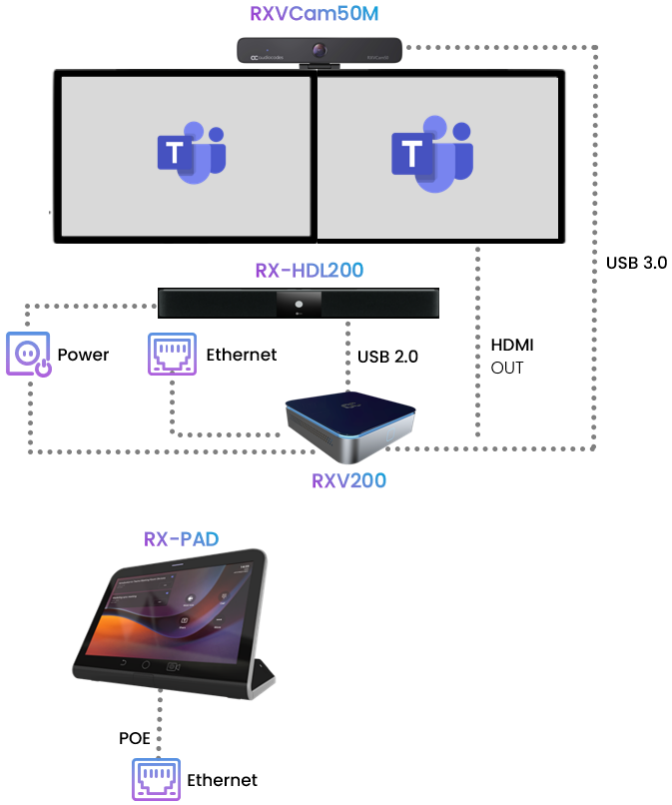
Package Contents

Make sure you receive the following items in the shipped box:

- ✓ RXV200
- ✓ RX-HDL200 Soundbar (5.5m pickup radius)
- ✓ RX-PAD
- ✓ RXVCam50 Camera
- ✓ 12V 3A Power Adapter (100-240V)
- ✓ USB Type C cable
- ✓ Ethernet cable

IMPORTANT! Power up RX-HDL200 when the USB is *not* connected.

Connection Diagram for RXV200-B50



10. RXV200-B70 Bundle

RXV200 + RX-PAD + RXVCam70 + RX40

RXV200-B70 includes the AI-powered RXVCam70 dual-lens PTZ camera and provides an ideal solution for a truly immersive meeting experience in large rooms.

Package Contents

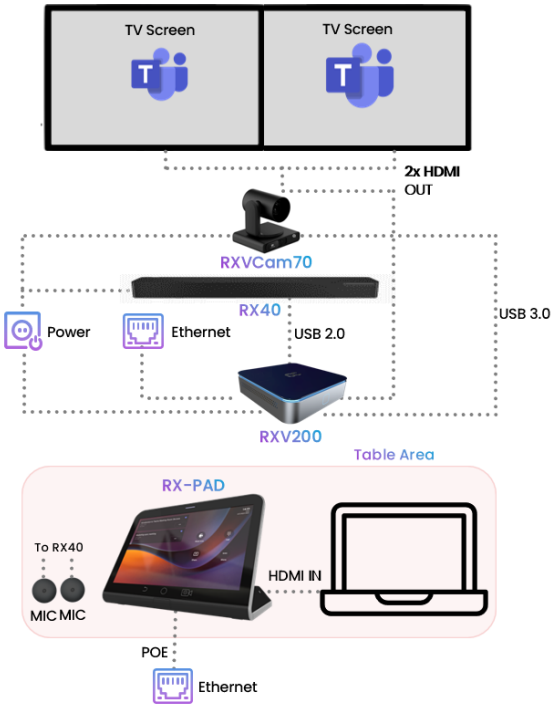
Make sure you received the following items in the shipped box:

- ✓ RXV200
- ✓ RX40 Soundbar and Satellite Mics (8m pickup radius)
- ✓ RX-PAD
- ✓ RXCam70 Camera (calibrated using the RCU)
- ✓ 12V 3A Power Adapter (100-240V)
- ✓ USB Type C cable
- ✓ Ethernet cable

IMPORTANT!

- Use the original cables provided in the box for the installation.
- If no USB connection is detected on the RX40 for more than 8 minutes, the unit is automatically powered off.
- Make sure to calibrate the RXCam70. For details, refer to the RXVCam70PTZ Camera Quick Guide, 'Calibrating Camera' section.

Connection Diagram for RXV200-B70



11. RXV200-B360 Bundle

RXV200 + RX-PAD + RXVCam360

RXV200-B360 includes the center-of-room RXVCam360 panoramic video camera with built-in speakers and microphones and is ideal for small/medium rooms with participants seated around a round table.

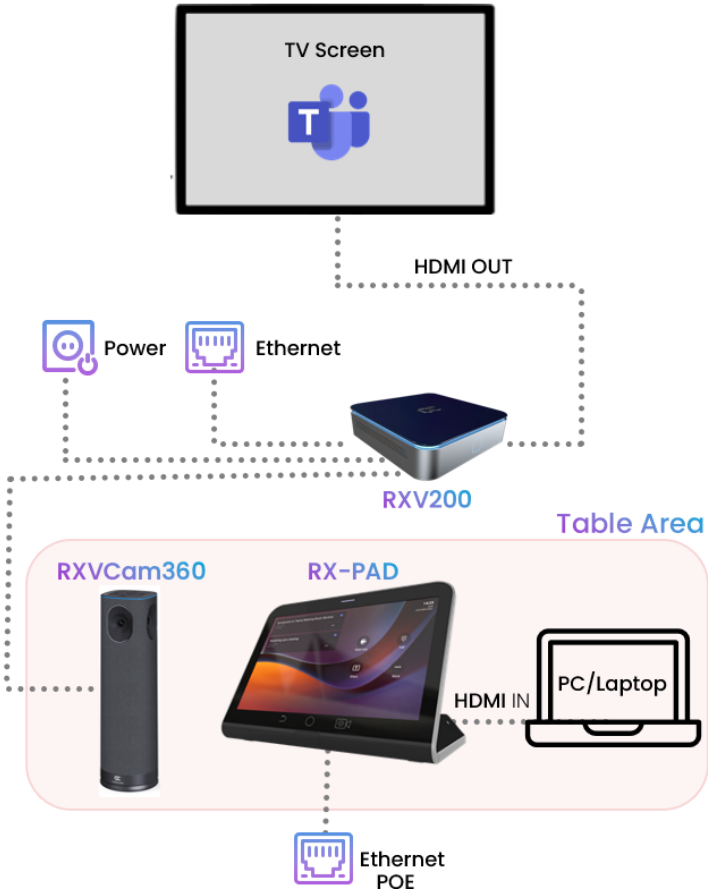
Package Contents

Make sure you receive the following items in the shipped box:

- ✓ RXV200
- ✓ RXVCAM360
- ✓ RX-PAD
- ✓ 12V 3A Power Adapter (100-240V)
- ✓ USB Type C cable
- ✓ Ethernet Cable

IMPORTANT! Use the original cables provided in the box for the installation.

Connection Diagram for RXV200-B360

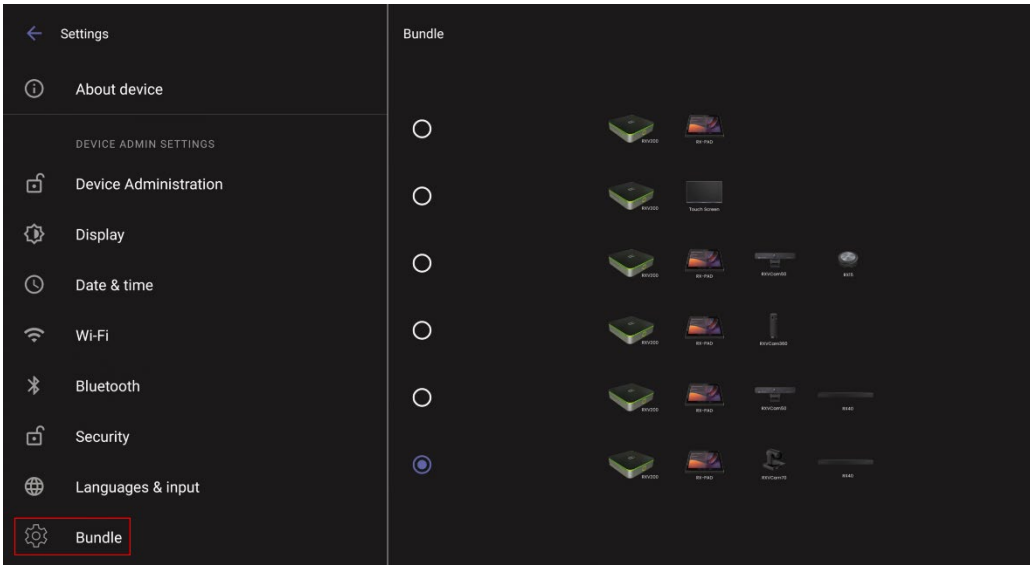


12. Configuring a Bundle

Customers will receive the RXV200 with the ordered bundle preconfigured. This section shows how to change the preconfigured bundle to another.

To change the preconfigured bundle:

1. Open the Bundle page on the RXV200 (**Settings** > **Bundle**).



2. The preceding figure shows RXV200 + RX-PAD as the selected bundle. See the preceding sections for more information about available bundles.

13. Pairing RX-PAD with RXV200

To pair RX-PAD with RXV200, see the RX-PAD Pairing Guide.

- When pairing RX-PAD with RXV200 *over an ETH connection*:
  - The RXV-Pair process is for initial Bluetooth pairing.
  - After pairing, RX-PAD's admin password and additional settings from RX-PAD are inherited to RXV200.
- When pairing RX-PAD with RXV200 *over a Wi-Fi connection*:
  - Before pairing, use a USB mouse connected to RXV200 to enable Wi-Fi (Settings > Wi-Fi). **Using a USB mouse is *mandatory* when establishing a Wi-Fi setup**.
  - After that, *always* use RX-PAD's Remote Keyboard function.
  - After pairing, RX-PAD admin password and additional settings from RX-PAD are inherited to RXV200.

Pairing Prerequisites

- ✓ Make sure that RXV200 and RX-PAD are both ES variants (with MDEP) or both standard devices. You cannot pair an ES device with a non-ES device.
- ✓ Make sure both devices are running the latest AudioCodes firmware version. This version should support AOSP Device Management (click here for details).
- ✓ Make sure both devices are connected to the same network (subnet).
- ✓ Make sure that UDP port 9999 and TCP port 9999 are open in both directions inside the network.
- ✓ For Wi-Fi connectivity, you must use a power supply adapter (not supplied, ordered separately).
- ✓ Make sure that the distance between the pairing devices is close enough for uninterrupted Bluetooth connectivity.

14. Technical Documentation

Topic	Reference
RXV200 setup guide	RX-PAD Pairing Guide
RXV200 technical specification	RXV200 Datasheet
RXV200 user & administrator manual	RXV200 MTRA User's and Administrator' Manual
RX-PAD technical specification	RX-PAD Room Meeting Controller Datasheet
RXVCam50 camera technical specification	RXVCam50 Video Camera Datasheet
RXVCam70 PTZ camera technical specification	RXVCam70PTZ Camera Quick Guide
RXVCam360 camera technical specification	RXVCam360 Video Conferencing Camera Quick Guide
RX15 speakerphone technical specification	RX15 Speakerphone Datasheet

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FCC WARNING

Prior to operating this device, refer to the device's Regulatory Information and FCC warnings.

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Date Published: September-23-2026

Document #: LTRT-18302