



# Stem Ecosystem x **Atlona AT-OME-MS42**

This guide will take you through how to connect the Atlona AT-OME-MS42 with Stem devices for an auto switching BYOD setup in your meeting room.

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**Category:** USB Extender and Matrix Switcher

## **What is the Atlona AT-OME-MS42?**

This is a USB and HDMI extender solution designed to extend USB connectivity over Cat5 cable. It is typically used where long cable runs of USB are impractical, such as a situation where a peripheral device is located on the opposite side of the room from the host computer, i.e. A Hub behind a display in a BYOD room that connects to the end user's laptop at the table. It also has multiple USB inputs and allows matrix switching so that multiple host computers can be used in a room, i.e., a host computer mounted behind a display for Zoom Rooms as well as BYOD connectivity.

\*Note: this device requires a separate USB receiver in order to have USB extension capabilities but does not require additional hardware for matrix switching.

## **Why we're testing this device**

We are testing compatibility with this extender and our audio endpoint devices to determine if it is a practical solution for user integrations that require USB extension capabilities and matrix switching for BYOD devices.

## **How we're testing this device**

We tested this with our Table by powering the device over PoE+, connecting the USB to the extender's receiver and connecting a computer to the transmitter, then attempting to send audio out to the speakers, and receive audio input from the microphones. We then added an additional computer to the matrix switcher to verify that it would automatically switch to BYOD device. We also tested a Table and Hub setup to ensure that audio passes over the network first, and then transmits via the USB extender.

**Price (MSRP):** \$1,300

**Outcome:** Success. This device passes audio correctly to all devices and switches to the most recently connected host computer.



# How It All Connects

