RTI
It's Under Control®

THREE DECADES OF SUCCESS

- Founded in 1992
- Leading control and automation innovator
- World-wide footprint:
  - Sold in over 90 countries
  - 6,000+ professional integrators
- Award-winning product line
- Markets Served:
  - Commercial, Hospitality, Marine, Education, MDU, Houses of Worship

RTI

INTRODUCTION TO THE KX4

- **Ultra-versatile product with a wide range of applications**

- **Flush-mount touch panel**

- **High resolution, 4" capacitive touch interface**

- **Built-in system control processor along with I/O connectivity onboard**

- **Operates as a stand-alone unit, or can be networked together to deploy multiple units across a project**

Powerful. Flexible. Capable. Problem Solving. KX4.

POPULAR APPLICATIONS

- **Conference Rooms / Huddle Spaces:**
  - Create one-touch on and off simplicity for clients
  - Control conference room switchers, BYOD devices
  - Projector(s), lifts, projection screens
  - TV power and source input switching
  - Environmentals: Lights, shades, thermostats, etc.

- **Additional Design Considerations:**
  - RTI has a wide range of DSP drivers for controlling larger conference rooms with microphone arrays
  - TAA Compliant

CONFERENCE

RTI

POPULAR APPLICATIONS

- **Clubhouses / Gyms / Common Rooms**
  - Create local or remote system management
  - Automate on/off scheduling and sync operations
  - Control common areas for background audio and video displays
  - Shared space control: Theaters, leasing office, outdoor grill areas, cabanas, etc.

- **Additional Design Considerations:**
  - Control popular 70-volt distributed audio systems such as Atlas Atmosphere for powerful integrated solutions

CLUBHOUSES+

POPULAR APPLICATIONS

- **Higher Education / House of Worship:**

  - Remotely control and manage operation or provide local capability

  - Provide simple 1-touch control of classroom AV functions

  - Control a single room or an entire campus

- **Additional Design Considerations:**

  - The KX4 is capable of simple, out of the box button controls with activities (Watch TV, Listen to Music, etc.)

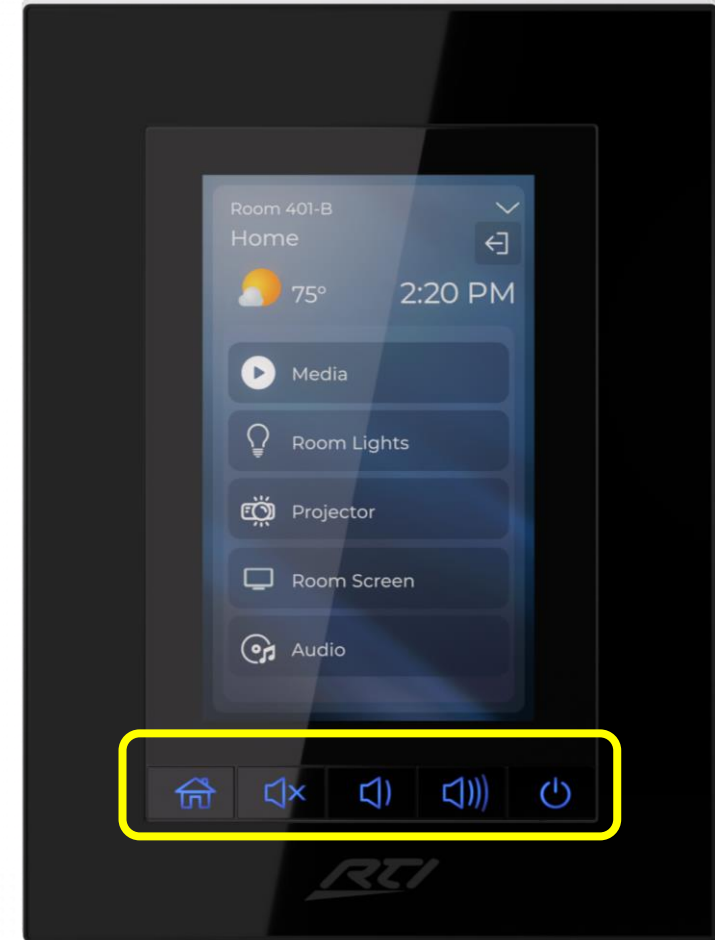 - Custom GUI programming is capable on the KX4 to tailor the system to specific project needs

CLASSROOMS

FEATURES & SPECIFICATIONS

All-in-One Solution for Control & Processing

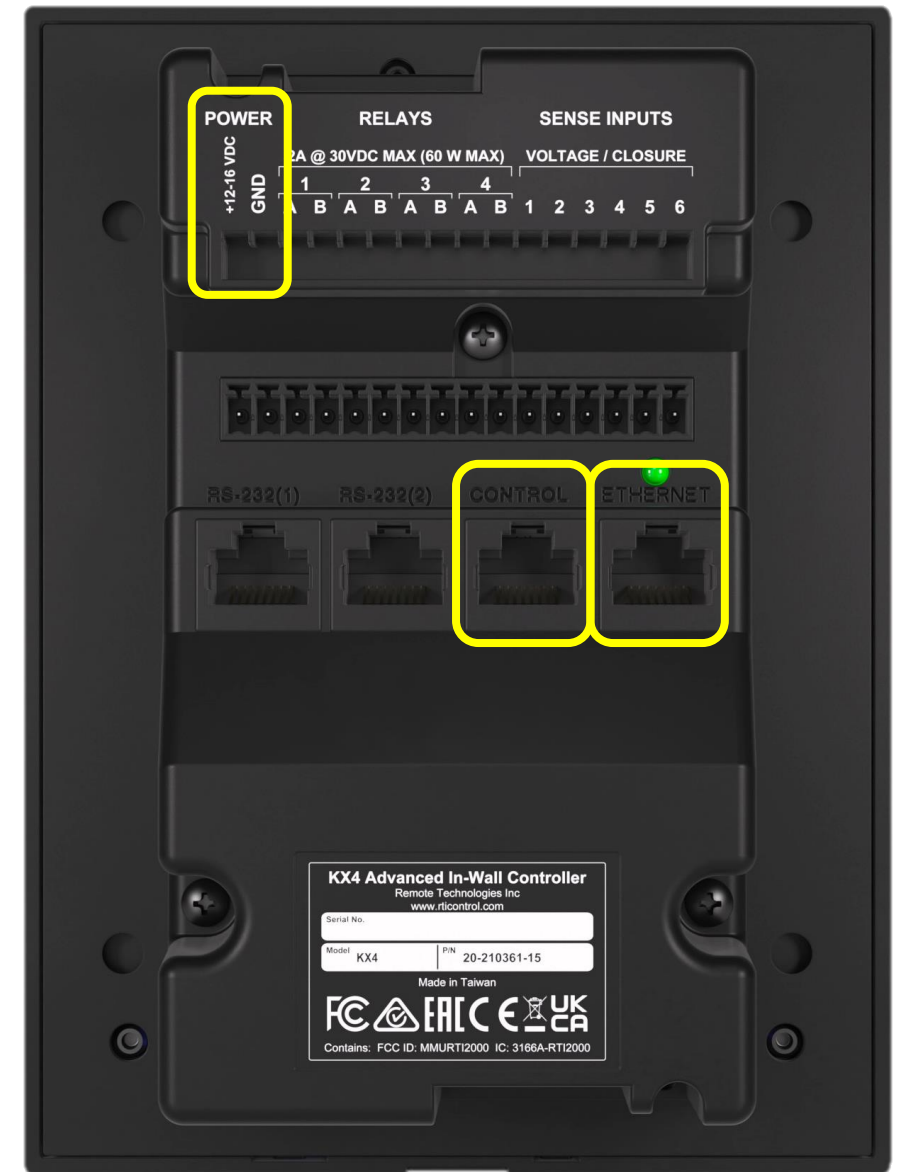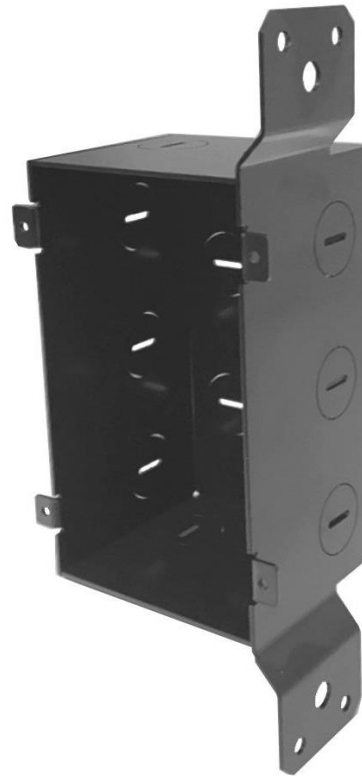# USER EXPERIENCE & FEATURES

- **4" High Resolution Display featuring Capacitive Touch**

- **Five Programmable Hard Buttons**
  - Custom engravable with RTI LaserShark! service

- **Interchangeable Bezels**
  - White is standard, Black optional

- **Proximity & Ambient Light Sensor**

- **Fully Customizable Interface**
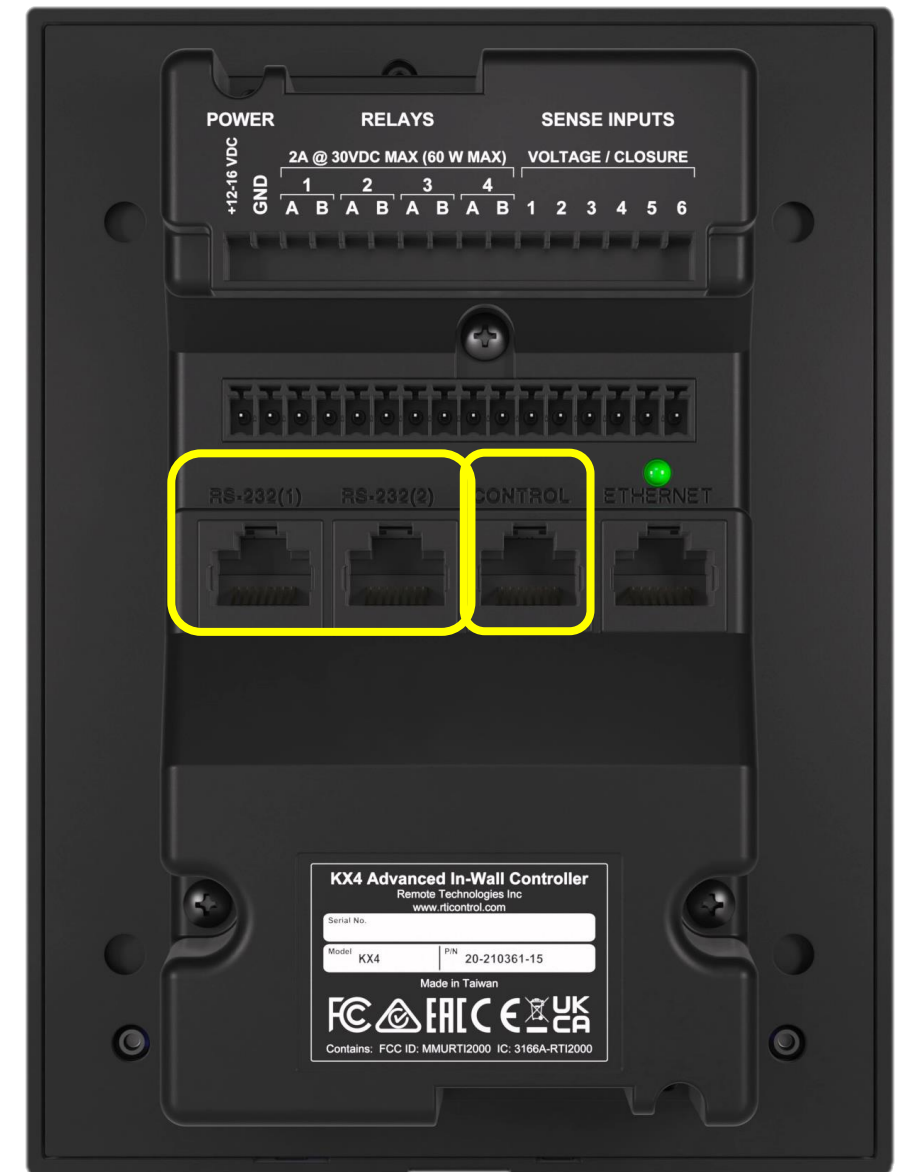 - Program the display as the project and client require!

KX4 INSTALLATION OPTIONS

- **Mounting Options**
  - Retrofit Friendly – Dog Ears
  - Pre-Wire Option - Backbox
- **Power Options**
  - PoE (12v=2.64W, 16v=2.72W)
  - Or Direct Wire, 12-16vdc 1 amp
  - Or CB-8 Connecting Block

KX4 CONNECTIVITY

- **Two RS-232 Ports**
  - One-way or Two-way capable
  - 568B Termination
  - Two RJ45 to DB-9 Adapters included
  - Max wire length 50ft (16m)*
  - See manual for pinouts
- **Control Port**
  - (1) IR Connection
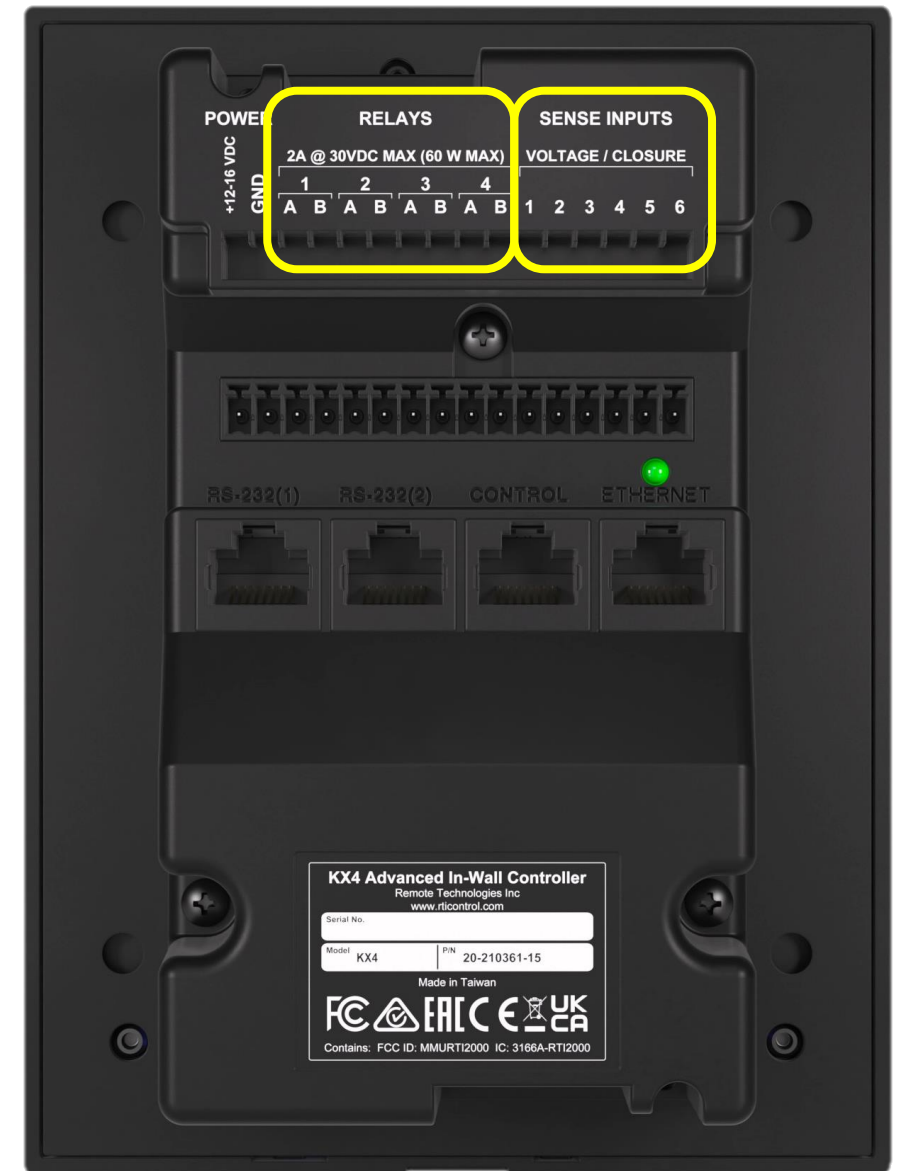 - Alternate method for power & 485 control

KX4 CONNECTIVITY

- **Relay Control**
  - (4) Onboard, programmable relays
  - Rated up to 30vdc, 2-amp max current
  - Normally Open (programmable)
  - Uses: Trigger projection screens, raise/lower lifts, amplifiers on/off, shades, etc.

- **Sense Input**
  - (6) Sensing inputs
  - Dry Contact Closure or 3-24vdc Sensing
  - Uses: Occupancy sensors, determine device status/position, etc.
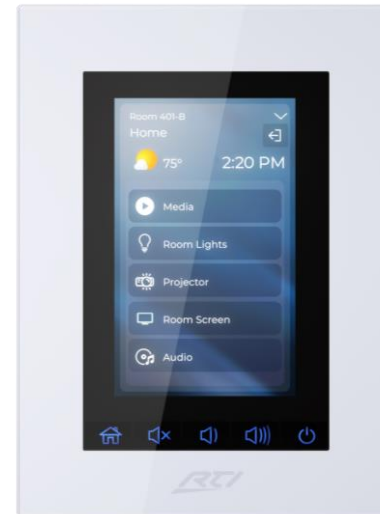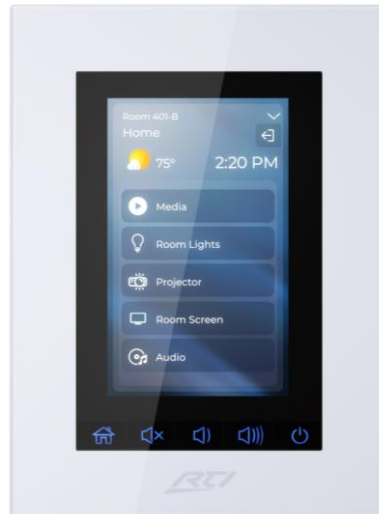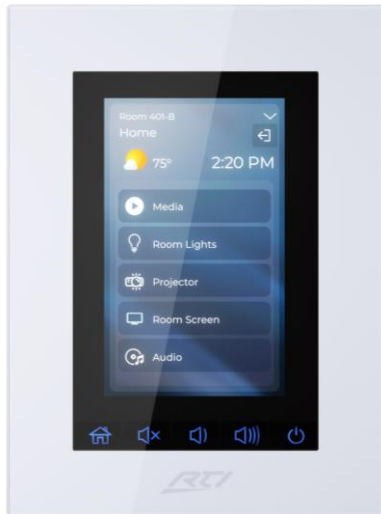
KX4 CONNECTIVITY

- **Expansion Accessories**
  - Compatible with a wide range of RTI system expansion devices including:

  - ESC-2+: Ethernet to RS232

  - PCM-4: 4-Port MPIO Module

  - RCM-4: Relay Module

  - IPE-4: 4-Port IR Expander

PROJECT FLEXIBILITY

Independent Processor or
Expansion Processor via Network

Lighting
Climate
Security
Access
and More!

RTI Intelligent Meetings

Benefits of an RTI Intelligent Meeting

Scales Easily

Simplify Workflow

Multiple Collaboration Options

Integrated RTI Control

Benefits

Features

Ecosystem

Make every meeting an in-person meeting.

Features

Intuitive Meetings

Clear instructions for all presenters, with Wi-Fi connectivity information for guests, and customizable to your client's needs.

Wireless BYOD Connectivity

Connect a device with Media Xhange™, AirPlay®, and Miracast® means that meetings can get started quickly and without all the cable hassles.

Wired BYOM Connectivity

Connect a local PC using HDMI and USB—or a single USB-C cable—for an easy BYOM (Bring Your Own Meeting) experience.

Conferencing Platform Ready

Compatible with your favorite platforms.

Ecosystem Overview

Intelligent Video Bar

UC-IVB-50

The centerpiece of Intelligent Meetings

IVB Expansion Microphone

UC-IVB-EXM

Expand the size of any room

Media Xchange™ Transmitter

UC-MXT

Wireless presenting made simple

MEDIA XCHANGE

Intelligent Video Bar

The centerpiece of Intelligent Meetings

- Crystal-clear 4K camera with 120° Field-of-View (FOV) with integrated AI software.

- An integrated advanced DSP enables the clearest audio to all participants.

- 2 full range 8-Watt speakers ensures full presence and clarity.

- 4-MEMS linear microphone array 180° audio coverage up to 5m.

IVB Expansion Microphone

- Scale the RTI Intelligent Meeting system with the UC-IVB-EXM

- Omnidirectional (360°) Microphone Array with pickup range of 3-5 meters

- Connect up to 5 UC-IVB-EXM up to 30m and 3 up to 50m over CAT cable.
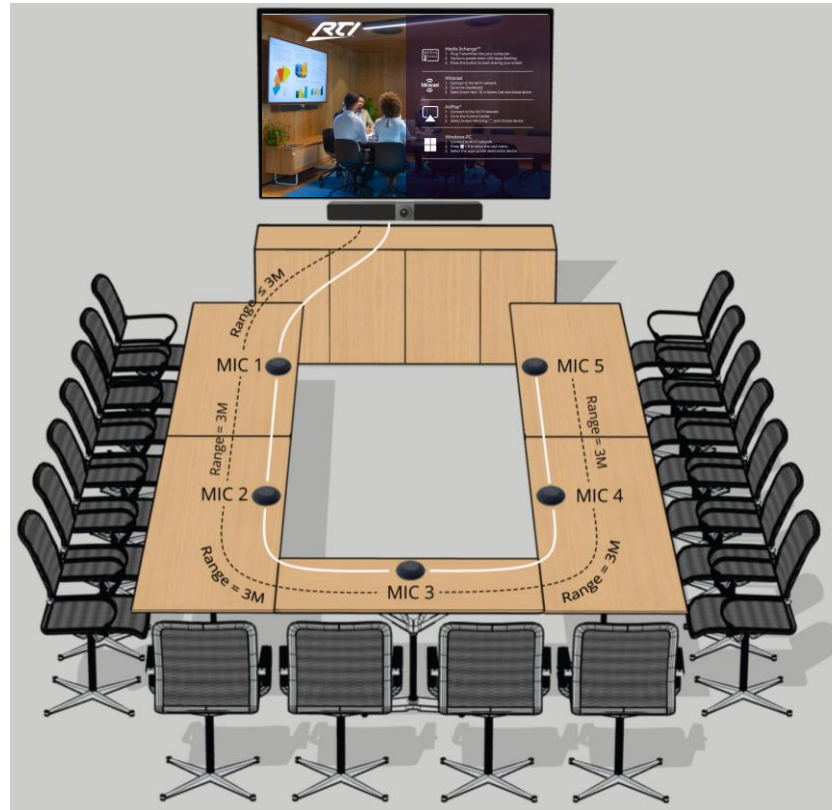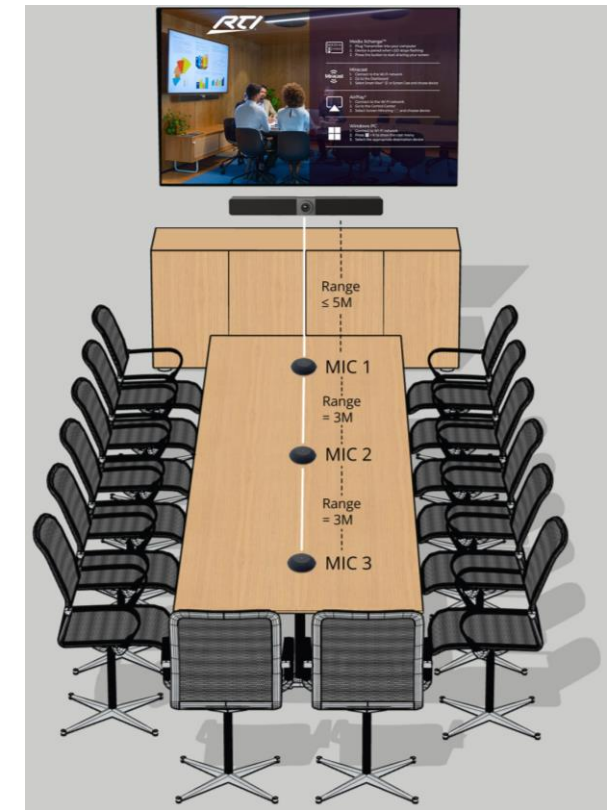
IVB Expansion Microphone

5 UC-IVB-EXM up to 25m

3 UC-IVB-EXM up to 50m

Media Xchange™ Transmitter

UC-IVB-50

UC-IVB-EXM

UC-MXT

UC-IVB-TM

Applications

Perfect Companion
Pair up to 2 Media Xchange wireless transmitters with an UC-IVB-50 Video Bar for fast and easy content sharing with just the click of a button.

Plug-and-Play BYOD
Simply connect the USB-C to a compatible laptop or mobile device to get started, all without the need for any additional software or configuration.

Privacy Mode
Quickly enabled at the push of a button with options to either freeze the currently shared content or block it entirely by covering the content with a built-in privacy image.

IVB TV Mount

Mount the UC-IVB-50 directly to the back of the room's display.

- Great for when the TV is mounted on a stand or cart.
- Works with displays that have a VESA width of 200 to 600mm.

Use Cases

UC-MXT

UC-IVB-TM

Applications

Making Connections

Guide Screens

Conference Rooms
From huddle spaces to large conference rooms, RTI Intelligent Meetings enables the audio, video, and collaboration needed in today's hybrid work environment with various connectivity options, allowing users to join meetings using different devices and platforms.

Classrooms
Facilitate hybrid learning environments by connecting in-person and remote students. Allowing remote students to actively participate in class discussions, ask questions, and collaborate with their peers.

Telehealth
Utilize the intelligent tracking features to ensure the 4K camera focuses on the health professional, facilitating effective communication and accurate assessments during virtual consultations.

Training Rooms
Seamlessly integrate with virtual collaboration platforms, allowing remote participants to engage in discussions, share screens, and actively participate in training exercises.
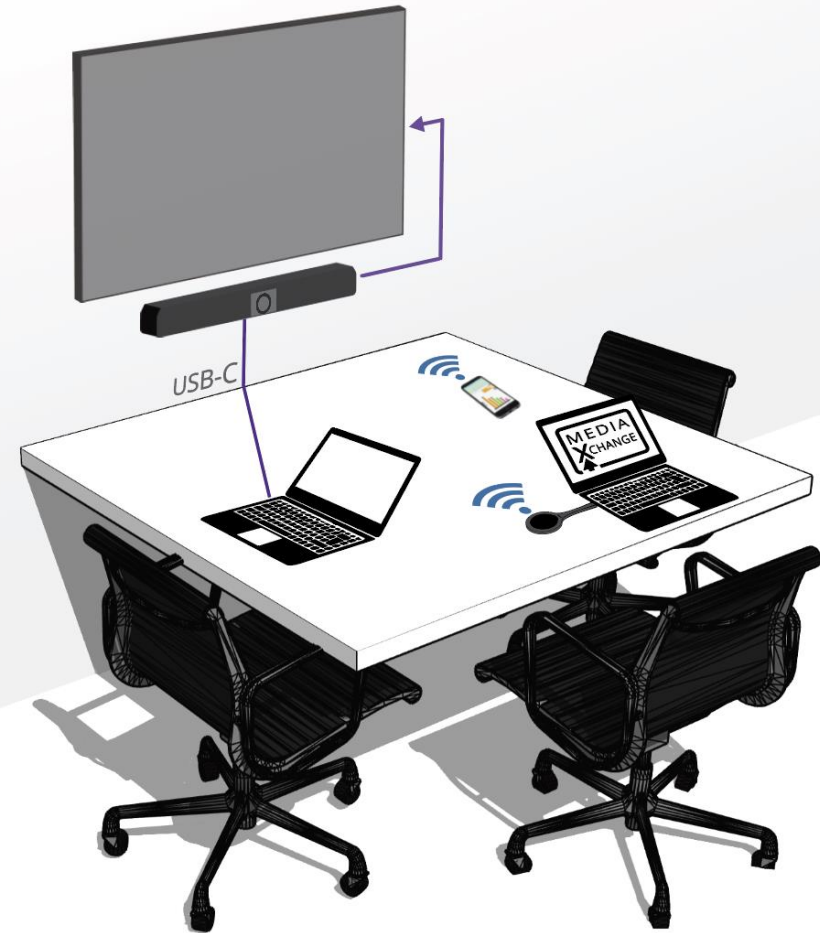
Huddle Spaces

UC-MXT

UC-IVB-TM

Applications

Making
Connections

Guide Screens

Bill of Materials
1 UC-IVB-50
1 UC-IVB-MXT

USB-C

MEDIA XCHANGE

Small Conference Rooms

- UC-MXT
- UC-IVB-TM
- Applications
- Making Connections
- Guide Screens

LAN

Behind TV

CAT under table

Bill of Materials
1 UC-IVB-50
1 UC-IVB-MXT
1 UC-IVB-EXM
1 XP-3
1 KA11

Large Conference Rooms

UC-MXT

UC-IVB-TM
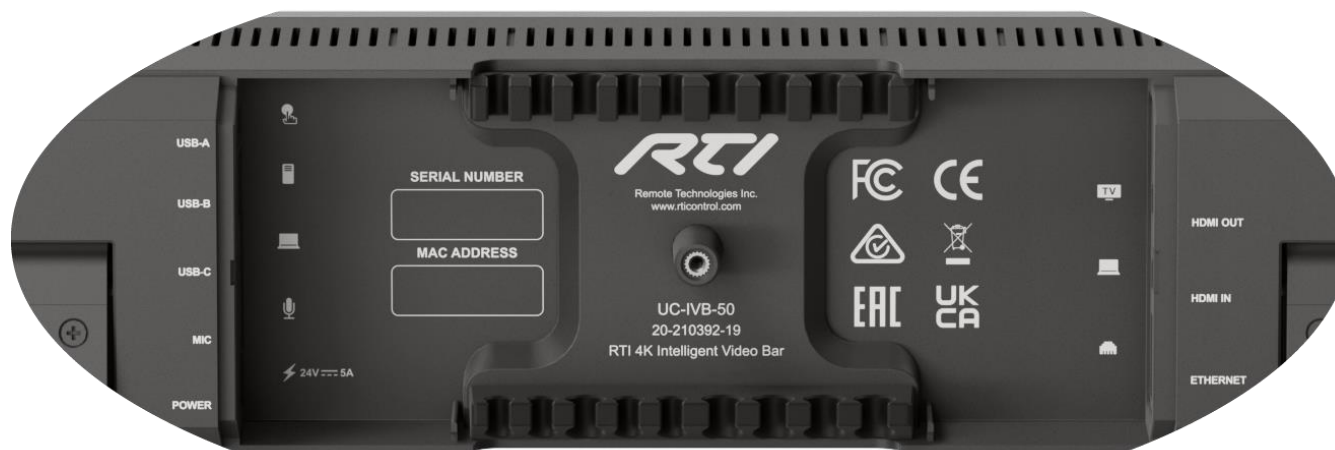
Applications

Making Connections

Guide Screens

In-wall KX4 Touchpanel plus Processor

LAN

PC In Cabinet

KA8 Touchpanel

LAN

CAT under table

MEDIA XCHANGE

MEDIA XCHANGE

Bill of Materials
1 UC-IVB-50
2 UC-MXT
2 UC-IVB-EXM
1 KX4
1 KA11

Making Connections

USB-A 3.0 – Connect to a USB device such as a touch screen

USB-B 3.0 – Connect to a room PC

USB-C 3.0 – Connect and charge a laptop with 60W max power delivery

MIC – Connect multiple UC-IVB-EXM

HDMI Out – Connect to a display or capture card

HDMI In – Connect to a laptop or PC

Guide Screens

Paused Screens

RTI

Demo

www.rticontrol.com