

Installation & Operation Guide

RTI Intelligent Meetings

UC-MXT - Media Xchange™ Transmitter



Introduction

The Media Xchange™ Transmitter enables wireless connectivity to the Intelligent Video Bar. The result is a seamless bring-your-own-device (BYOD) experience for meetings of all sizes.

The Media Xchange™ Transmitter conveniently plugs into the USB-C port on laptops and mobile devices and shares the signal to the video screen with an ultra-low latency 1080p 30Hz video transmission. Sharing is as simple as tapping the Media Xchange™ button. The Privacy button enables screen pausing or blocking.

This plug-and-play device supports MAC OS, Windows 7/10/11, and Android devices with USB-C ports, and operates at both 2.4GHz and 5GHz wireless bands..

Features

Perfect Companion

- Supports up to 2 Media Xchange™ wireless transmitters with each UC-IVB-50.

Hassle-Free VYOD

- USB-C connectivity for mobile devices and laptops. Privacy.
- Privacy button for quick access to screen pausing or blocking.

HD Transmission

- Ultra-low latency 1080p 30Hz video transmission.

Touchscreen Back Channel

- HID USB routing from HID touch-capable display back to source (Touchback).

2.4 and 5GHz

- 2.4 and 5GHz wireless bands support.

DisplayPort Alt Mode

- Operates by using USB-C DisplayPort Alt mode.

Plug-and-Play

- MAC OS, Windows 7/10/11, and Android supported.

Package Contents

1x UC-MXT Media Xchange™ Transmitter



Specifications

Technical

Max Resolution.....	1080p @ 30Hz
Terminal Type.....	1 x USB Type C
Frequency	5GHz (default) and 2.4GHz
Wireless Transmission Protocol.....	IEEE 802.11 a/b/g/n, IEEE 802.11ac
Authentication Protocol	WPA2-PSK or IEEE 802.1x

USB	
Operating System	Windows 7/8/10, Mac OS, Android
USB Port.....	Type-C DisplayPort Alt mode)

General	
Power Consumption.....	2.14W
ESD Protection.....	Human-body Model: ±8kV (Air-gap discharge) / ±4kV (Contact discharge)
Input Voltage	5V (Power over USB)
Dimensions (ØxHxL).....	2.72" x 0.65" x 6.50" / 68.98mm x 16.4mm x 165.19mm
Product Weight.....	0.134lb / 60g
Operating Temperature	+32 to + 104°F / 0 to + 40°C
Storage Temperature	-4 to + 140°F / -20 to + 60°C
Humidity.....	10% to 90%, non-condensing
Warranty	Three Years (Parts & Labor)

All features and specifications subject to change without notice

Panel Description



No.	Name	Description
1	USB Type-C	<ul style="list-style-type: none"> Connects to the UV-IVB-50 for pairing. Connects with a laptop or mobile device for media sharing.
2	Pause/Un-pause Button	<p>Press this button to Pause/Un-pause the shared media screen. The source device is unaffected by this action.</p> <p>Note: Audio streaming is synchronized with video and will be paused/un-paused in parallel with video.</p>
3	Media Xchange™ Button	<p>Short Press: Short pressing this button when linked to a UC-IVB-50 will begin/end media sharing.</p> <p>Long Press (~3 seconds): When using the Split Screen mode and displaying 2 sources on the UC-IVB-50, the mode will switch to Single Screen and the media from the UC-MXT will be displayed in full screen.</p>
4	LED Indicator Ring	<p>Blinking White - Bright:</p> <ul style="list-style-type: none"> When connected to a UC-IVB-50 for pairing: The UC-MXT is in the process of pairing. When connected to a laptop or mobile device: The UC-MXT is establishing a link with the UC-IVB-50 that it is paired to. <p>Blinking White - Dim: The UC-MXT is currently media sharing.</p> <p>Solid White:</p> <ul style="list-style-type: none"> When connected to the UC-IVB-50 for pairing: The UC-MXT has successfully completed the pairing process. When connected to a laptop or mobile device: The UC-MXT is successfully linked to the UC-IVB-50. Media sharing is now possible.

Safety Suggestions

Read and Follow Instructions

Read all safety and operating instructions before operating the unit.

Retain Instructions

Keep the safety and operating instructions for future reference.

Heed Warnings

Adhere to all warnings on the unit and in the operating instructions.

Accessories

Only use attachments/accessories specified by the manufacturer.

Heat

Keep the unit away from heat sources such as radiators, heat registers, stoves, etc., including amplifiers that produce heat.

Power

Unplug this apparatus during lightning storms or when unused for long periods of time.

Power Sources

Connect the unit only to a power supply of the type described in the operating instructions, or as marked on the unit.

Power Sources

Connect the unit only to a power supply of the type described in the operating instructions, or as marked on the unit.

Power Cord Protection

Route power supply cords so that they are not likely to be walked on or pinched by items placed on or against them, paying particular attention to the cord plugs at power receptacles and at the point at which they exit from the unit.

Water and Moisture

Do not use the unit near water—for example, near a sink, in a wet basement, near a swimming pool, near an open window, etc.

Object and Liquid Entry

Do not allow objects to fall or liquids to be spilled into the enclosure through openings.

Servicing

Do not attempt any service beyond that described in the operating instructions. Refer all other service needs to qualified service personnel.

Damage Requiring Service

The unit should be serviced by qualified service personnel when:

- The power supply cord or the plug has been damaged.
- Objects have fallen or liquid has been spilled into the unit.
- The unit has been exposed to rain.
- The unit does not appear to operate normally or exhibits a marked change in performance.
- The unit has been dropped or the enclosure has been damaged.

Cleaning

To clean this product, lightly dampen a lint-free cloth with plain water or a mild detergent and wipe the outer surfaces.

NOTE: Do not use harsh chemicals as damage to the unit may occur.

Federal Communications Commission 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 in a residential installation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the device.

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 to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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.

Industry Canada Compliance Statement

This device complies with Industry Canada license-exempt RSS standard(s). 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.

Cet appareil est conforme avec Industrie Canada exempts de licence standard RSS (s). Son fonctionnement est soumis aux deux conditions suivantes:

1. Ce dispositif ne peut causer des interférences nuisibles.
2. Cet appareil doit accepter toute interférence reçue y compris des interférences qui peuvent provoquer un fonctionnement indésirable.



Declaration of Conformity (DoC)

The Declaration of Conformity for this product can be found on the RTI website at:
www.rticontrol.com/declaration-of-conformity

Contacting RTI

For news about the latest updates, new product information, and new accessories, please visit our web site at: www.rticontrol.com

For general information, you can contact RTI at:

Remote Technologies Incorporated
5775 12th Ave. E Suite 180
Shakopee, MN 55379
Tel. +1 (952) 253-3100
info@rticontrol.com

Service & Support

If you are encountering any problems or have a question about your RTI product, please contact RTI Technical Support for assistance (see the Contacting RTI section of this guide for contact details).

RTI provides technical support by telephone or e-mail. For the highest quality service, please have the following information ready:

- Your Name
- Company Name
- Telephone Number
- E-mail Address
- Product model and serial number (if applicable)

If you are having a problem with hardware, please note the equipment in your system, a description of the problem, and any troubleshooting you have already tried.

Please do not return products to RTI without return authorization.

Limited Warranty

RTI warrants new products for a period of three (3) years (excluding consumables such as rechargeable batteries which are warranted for one (1) year) from the date of purchase by the original purchaser (end user) directly from RTI / Pro Control (herein referred to as "RTI"), or an authorized RTI dealer.

Warranty claims may be initiated by an authorized RTI dealer using the original dated sales receipt or other proof of warranty coverage. In the absence of the receipt of purchase from the original dealer, RTI will provide warranty coverage extension of six (6) months from the date code of the product. Note: RTI warranty is limited to the provisions set forth in this policy and does not preclude any other warranties offered by third parties who are solely responsible for those other warranties.

Except as specified below, this warranty covers defects in product material and workmanship. The following are not covered by the warranty:

- Product purchased via unauthorized sellers or internet sites will not be serviced- regardless of purchase date.
- Damages caused by accident, misuse, abuse, neglect or acts of God.
- Cosmetic damage, including, but not limited to, scratches, dents and normal wear and tear.
- Failure to follow instructions contained in the Product Installation Guide.

- Damages due to products used in an application or environment other than that for which it was intended, improper installation procedures or adverse environmental factors such as incorrect line voltages, improper wiring, or insufficient ventilation.
- Repair or attempted repair by anyone other than RTI and Pro Control or authorized service partners.
- Failure to perform recommended periodic maintenance.
- Causes other than product defects, including lack of skill, competence or experience of user.
- Damage due to shipment of this product (claims must be made to the carrier).
- Altered unit or altered serial number: defaced, modified or removed.

RTI Control is also not liable for:

- Damages caused by its products or for failure of its products to perform, including any labor costs, lost profits, lost savings, incidental damages, or consequential damages.
- Damages based upon inconvenience, loss of use of the product, loss of time, interrupted operation, commercial loss, any claim made by a third party or made on behalf of a third party.
- Loss of, or damage to, data, computer systems or computer programs.

RTI's liability for any defective product is limited to repair or replacement of the product, at the sole discretion of RTI. In cases where the warranty policy conflicts with local laws, the local laws will be adopted.

Disclaimer

All rights are reserved. No part of this document may be photocopied, reproduced, or translated without the prior written notice of Remote Technologies Incorporated.

The information contained in this document is subject to change without notice. Remote Technologies Incorporated shall not be liable for errors or omissions contained herein or for consequential damages in connection with the furnishing, performance, or use of this guide.

Integration Designer, and the RTI logo are registered trademarks of Remote Technologies Incorporated.

Other brands and their products are trademarks or registered trademarks of their respective holders.



Remote Technologies Incorporated
5775 12th Avenue East, Suite 180
Shakopee, MN 55379
Tel: 952-253-3100
www.rticontrol.com