# InstaShare™ Button

# User Manual

TWY31

V 6.0

# Copyright

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The illustrations and the images in this guide are for your reference.

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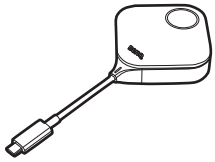
# Introduction

InstaShare Button Solution is a wireless screen sharing solution that allows users to display their notebooks or other personal devices to a presentation display without needing to install software or drivers.

Your product complies with local wireless regulations and the warranties are valid in the country/region where the product is purchased. Using the product outside the purchased country/region does not guarantee wireless functionality. Any modifications made to the product will void the warranties.

- Check which displays are compatible with InstaShare Button: Go to www.benq.com > search "TWY31"(model name) > check out the **Specifications** tab on the product page.
- Touch back is available on Windows & Mac.
- Transmission distance depends on many environmental factors. Stated transmission distance is based on direct line-of-sight.
- According to regulatory restrictions in different regions of the world, Wi-Fi channels cannot be used in countries outside the purchased region.

## Package contents



InstaShare Buttons

Type-C to Type-A USB Adapters

Quick Start Guide

Regulatory Statements

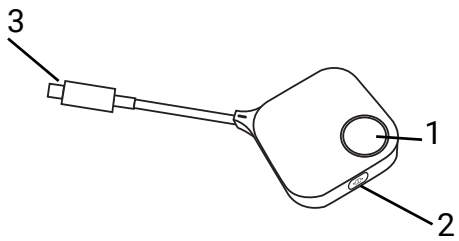
- Available accessories and the pictures shown here may differ from the actual contents and the product supplied for your region.
- Use original accessories to ensure compatibility.
- Always keep the product and accessories out of reach of children.

# Product specifications

| InstaShare Button (TWY31) | |
|---|---|
| Color | Silver |
| Wireless transmission frame rate (Casting mode) | Up to 60 FPS depending on environment (1080P 60FPS/4K 30FPS) |
| Wireless transmission frame rate (BYOM mode) | Up to 1080P 30 FPS depending on environment |
| Button input resolution (Casting mode) | Up to 4K 30 FPS |
| Button input resolution (BYOM mode) | Up to 720P 30 FPS |
| Audio rate | Stereo, Radio quality 16bits 48KHz |
| Wi-Fi standard | IEEE 802.11ac 5GHz, 2T2R MIMO |
| Authentication protocol | WiFi Standard |
| Wireless security (encryption) | WPA2 Personal (WPA2-PSK) |
| Wireless range | Max. 15m (between Button and IFP) |
| Temperature range | Operating: 0°C to +40°C (+32°F to +104°F) |
| | Storage: -10°C to +60°C (+14°F to +140°F) |
| Humidity range | Operating: 10% to 80% relative humidity |
| | Storage: 5% to 90% relative humidity (non-condensing) |
| Cable | USB Type-C |
| Power supply | DC 5V±10%, Minimum 0.9A |
| Power consumption | Max 4.5W Full Loading |
| Dimensions (WxHxD) | 67mm x 67mm x 24.1mm |

# Overview

## Button




1. **Present key with LED indicator**
   Press to start or stop presenting.
2. **Full-screen key**
   Press to toggle between enlarged view or regular view during split-screen presentations.
3. **USB Type-C connector**
   Connect to a computer or laptop.

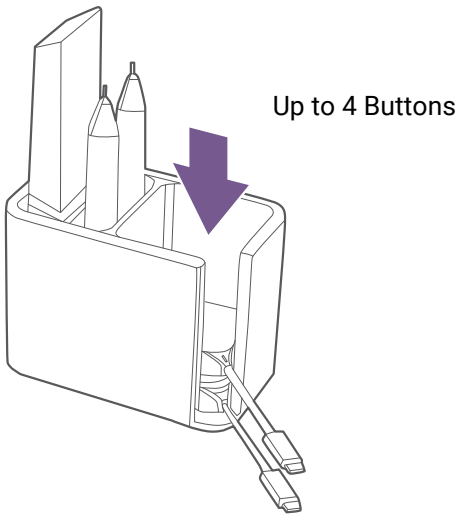
## LED indicator for the Button

Please refer to the table below for detailed indicator and status descriptions for the Button.

| LED Behavior | Status description |
|---|---|
| Solid white | The Button is initializing. |
| Blinking green | The Button is connecting to the BenQ Board. |
| Solid green | • When pairing: The Button is ready for setup.<br>• When sharing: The Button is ready for sharing. |
| Solid blue | • When pairing: The Button setup is complete.<br>• When sharing: The Button is sharing your screen. |
| Blinking red | An error has occurred. Ensure the following:<br>• The InstaShare Button mode is enabled on the board.<br>• The Button is correctly paired with your board.<br>• The Button is within 15m (49ft) of the board. |

## Storing Buttons in the InstaShare Dock (purchased separately)

You can store up to four Buttons in the InstaShare Dock along with additional accessories such as styluses and remote control.



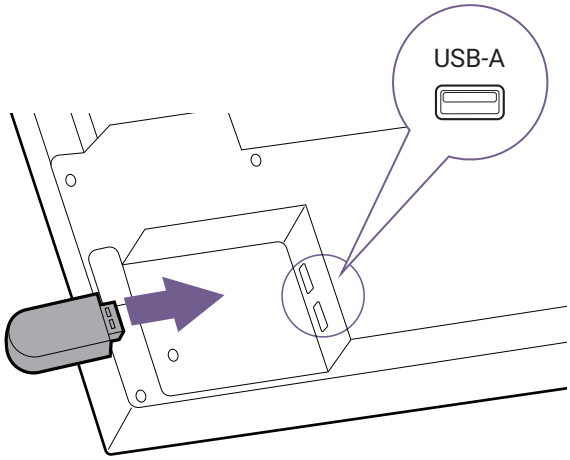
# Using InstaShare Button Solution

To share content to your BenQ Board from any laptop with InstaShare Button, follow the instructions below:

## Download InstaShare Button App for quick connection & BYOM mode

### Connecting the wireless adapter

To begin using InstaShare Button, you must first install the wireless adapter to a Wi-Fi slot USB port on your display. It is recommended that you use a USB-A 3.0 port.




The position of Wi-Fi slot USB port varies by model. Visit Support.BenQ.com to access the user manual under your BenQ Board model for instructions.

### Enabling InstaShare Button mode

Depending on the display model or firmware version, Button Mode may already be enabled by default.

1. On the BenQ Board, tap ⊞ > **BenQ App Store**.
2. Download and install the **InstaShare Button** app.

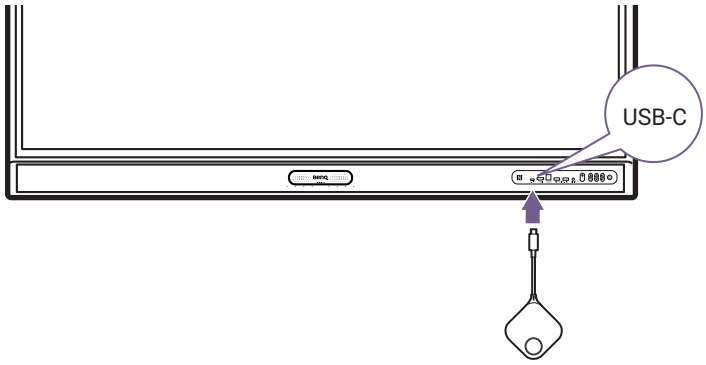
3. Tap ⚙ > **Device** > **Advanced Settings**.
4. Enable **InstaShare Button mode**.

5. Tap **Restart**.

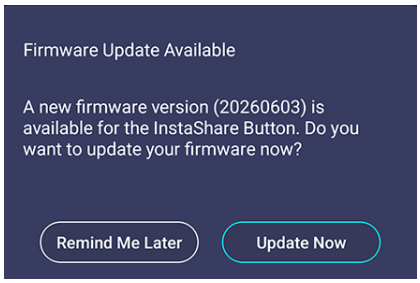
## Pairing your InstaShare Button

1. On the BenQ Board, tap ⇧ > **InstaShare Button**.

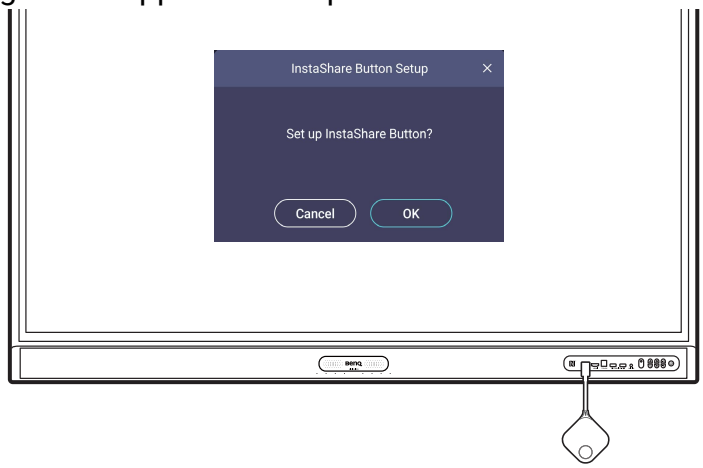
2. Connect the InstaShare Button to your BenQ Board's front USB-C port.



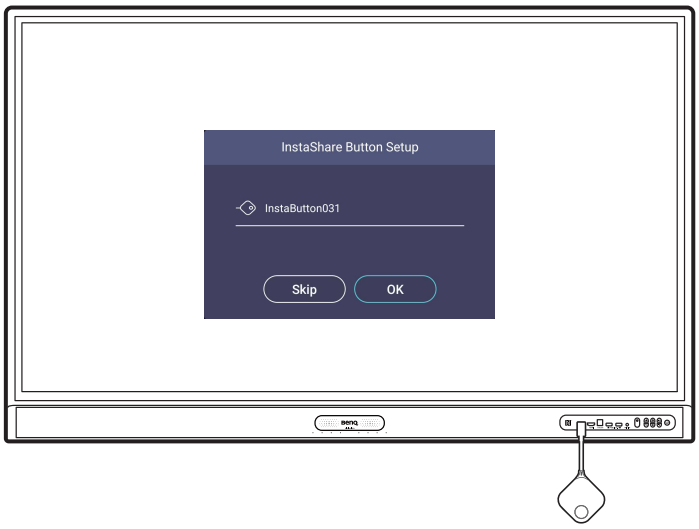

If a new firmware version is available, you will receive a notification. Follow the steps on screen to update the firmware.




3. Wait for the dialog box to appear then tap **OK**.



4. Enter a Button name then tap **OK** > **Close**.




5. Remove the Button after successful setup.

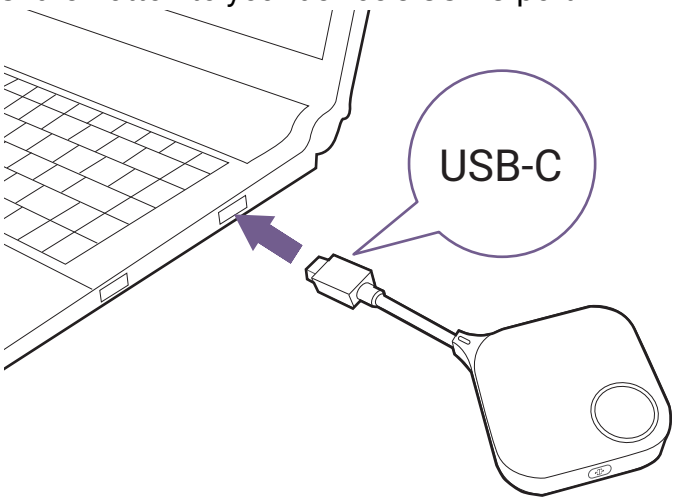
6. Repeat the process for additional Buttons. The board can remember up to nine Buttons for easy connection.

## Sharing your screen

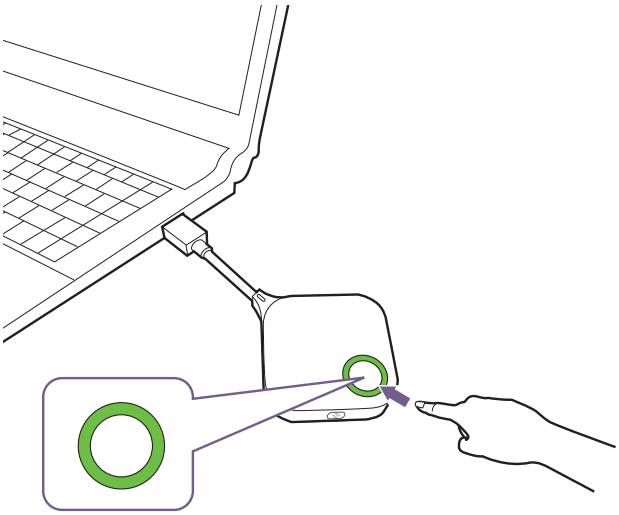
Ensure that your laptop supports video output and power delivery via USB Type-C port (Display Port Alternate Mode on USB Type-C).

1. On the BenQ Board, tap > **InstaShare Button**.

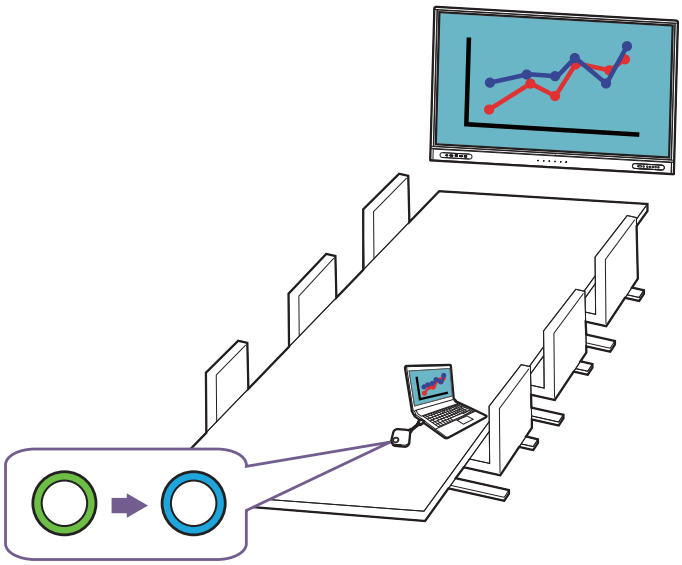
2. Connect the InstaShare Button to your device's USB-C port.




3. Wait for the LED to turn solid green then press the present key.



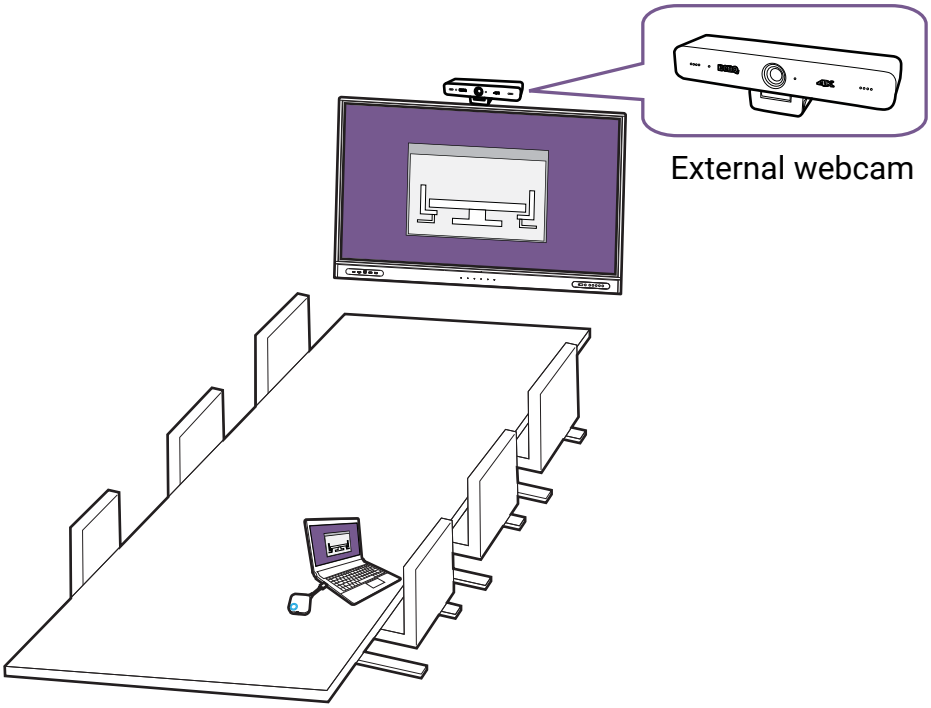
4. The LED turns blue, and your laptop screen is shared on the BenQ Board.



Press on the side of the InstaShare Button to toggle between the full-screen and split-screen modes.

## Bring your own meeting (BYOM): Using the webcam, speakers and microphone of your BenQ Board

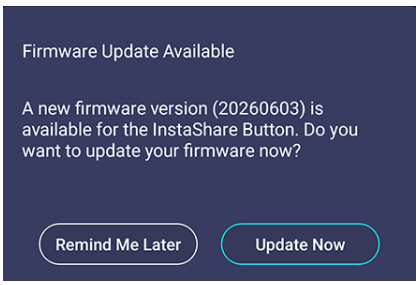
When a Button is connected to a device and presenting, the device will also be able to make use of any combination of the display's speakers, microphone, or webcam (connected externally). Users can switch between the audio/video channels of either their device or BenQ Board based on what is suitable for their setting.



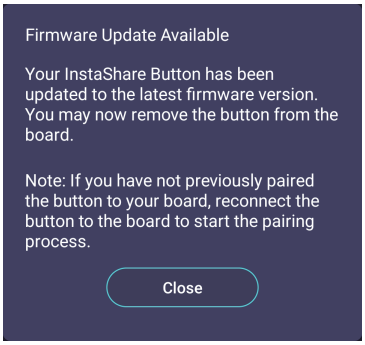
## Updating InstaShare Button firmware through BenQ Board

If a new firmware version is available, you will receive a notification when you connect the button to your BenQ Board.

1. On the BenQ Board, tap > **InstaShare Button**.
2. Connect the InstaShare Button to your BenQ Board's front USB-C port.
3. Tap **Update Now**. The BenQ Board installs the update then displays a confirmation message.




4. Tap **Close**.




You can also run the firmware upgrade tool on a Windows device. See Upgrading InstaShare Button firmware on Windows device on page 17 for details.

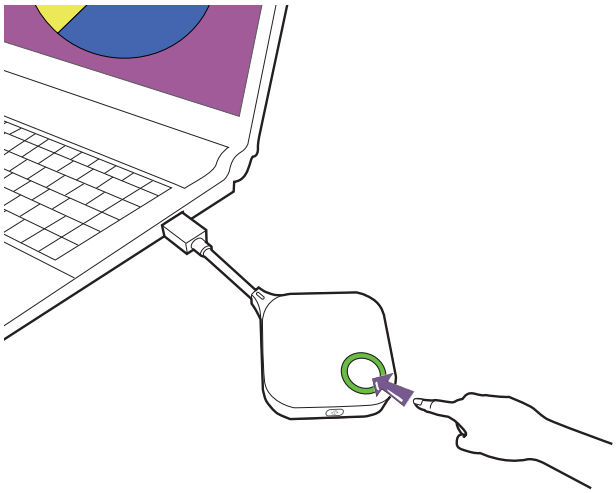
# Split-screen presentations

The product allows up to nine users to present simultaneously in a split-screen mode. (*Availability varies by model.)

## Sharing multiple screens

Ensure that all Buttons have already been paired to the wireless adapter connected to the display. See Pairing your InstaShare Button on page 8 for more information.

1. Launch the **InstaShare Button** app on the display.
2. Press the present key on the Button to start sharing your screen..



3. Repeat step 1 for addition screens to be shared. **InstaShare Button** will automatically switch to split-screen mode.

The layout of the split-screen presentation will be dictated by the amount of users in the presentation.

## Maximize one window in split-screen mode

Users can maximize their screen by pressing the full-screen key on the Button.

To return to the split-screen presentation, press the full-screen key again.

## Touch back

To use touchback, simply tap on the BenQ smart display to control the connected PC.

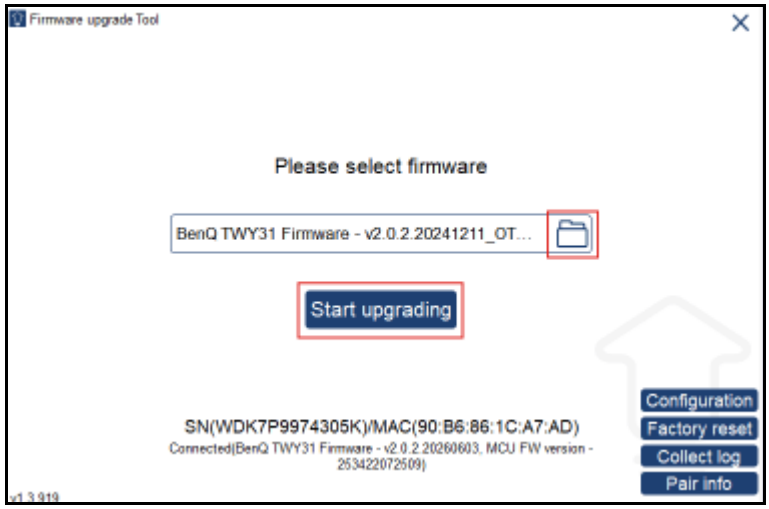
Touchback is only available on Mac & Windows PCs and is not supported during multi-screen sharing.

# Upgrading InstaShare Button firmware on Windows device

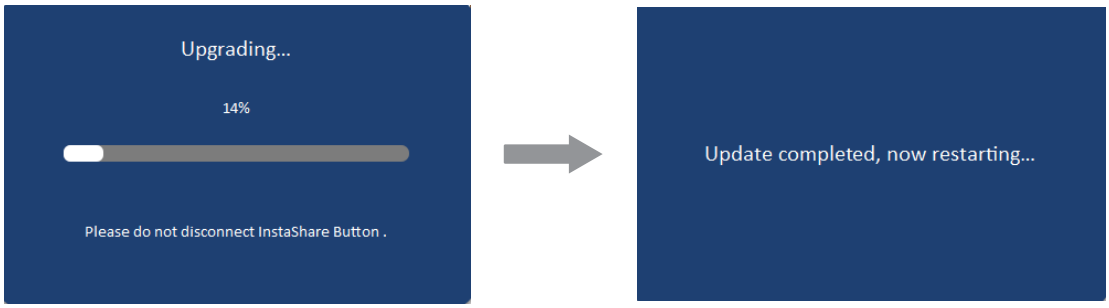
Users may contact BenQ support to get the latest firmware upgrade tool and firmware package.

1. Run the firmware upgrade tool (TWY31 V1 UpdateTool-1.3.919-signed.exe) on a Windows device.
2. Insert the Button into the laptop's USB Type-C port. A message with the button's current firmware version will appear.

3. Select the firmware package (do not unzip) and click **Start upgrading**.




4. A window will appear stating that the firmware has successfully updated and will not restart.




5. Remove and re-connect the Button to your laptop to verify the updated firmware version.