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## HT-VOYAGER2

4K USB Type-C Wireless Conference Dongle

### USER MANUAL

November 25, 2024



# Important Safety Instructions



1. Do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.



2. Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure the unit is well ventilated.



3. To prevent risk of electric shock or fire hazard due to overheating, do not obstruct the unit's ventilation openings with newspapers, tablecloths, curtains, and similar items.



4. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.



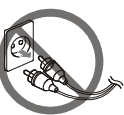
5. Do not place sources of naked flames, such as lighted candles, on the unit.



6. Clean this apparatus only with dry cloth.



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



8. Protect the power cord from being walked on or pinched particularly at plugs.



9. Only use attachments / accessories specified by the manufacturer.



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# Introduction

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## OVERVIEW

HT-VOYAGER2 is a 4K USB Type-C wireless dongle. It supports wireless conferencing that can wirelessly receive video from a USB camera and audio from a USB microphone connected to the HT-RANGER2. It also supports USB HID back-control laptop from touch panel or IFP. With simple plug-and-play users can simply click the button and content is ready to be shared.

## FEATURES

- Support up to 4K@30Hz wireless video
- Plug and play, no installation of any driver for wireless presentation
- Supports touch screen control through USB HID touchback
- Support wireless conferencing feature via desktop application
- Desktop application supports Windows and Mac OS
- Supports up to 2.4G/5G frequency band dual mode

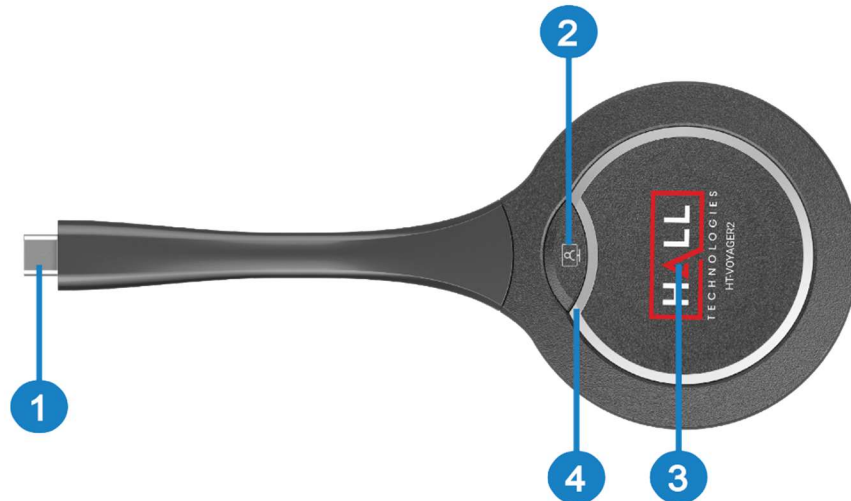
## Package Contents

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- 1 x USB Dongle

# Panel Description

## TOP VIEW



No.	Name	Description
1	USB Type-C	Connect to HT-RANGER2 for pairing and then to laptop for source wireless presentation.
2	Wireless Conference Button	Pressing this wireless conference button pairs the connected USB peripheral devices connected to the HT-RANGER2. The indicator light below the button, when activated, illuminates green.
3	Projecting Button	After successfully pairing with the HT-RANGER2, connect the HT-VOYAGER2 to a source, such as a laptop: <ul style="list-style-type: none"><li>• Press button once to wirelessly cast to the display.</li><li>• Press button once more to disconnect the wireless casting to the display.</li><li>• Press button twice within 1s to freeze image on the display.</li><li>• Press button once in frozen status to return to wireless casting.</li><li>• When in multiple screen mode, press and hold button for 3s to enter full-screen mode.</li></ul>
4	LED	<ul style="list-style-type: none"><li>• <b>Racing Lights (Blue, counterclockwise):</b> The HT-VOYAGER2 is starting up or pairing with the HT-RANGER2.</li><li>• <b>Solid Light Blue:</b> The HT-VOYAGER2 is paired successfully with the HT-RANGER2 and is ready for wirelessly casting to the display.</li><li>• <b>Solid Dark Blue:</b> The HT-VOYAGER2 is wirelessly casting to the display.</li><li>• <b>Blinking 2 Times (Blue):</b> The HT-VOYAGER2 is in the process of getting an update.</li><li>• <b>Solid Red:</b> The HT-VOYAGER2 has failed to pair with the HT-RANGER2 or has failed to upgrade the firmware or is an indication that the USB-C port of the source does not support transmitting video.</li></ul>

# Key Functions

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## PAIRING THE HT-VOYAGER2

1. Connect the HT-VOYAGER2 to the PAIRING port of the HT-RANGER2 for pairing. The “Pairing...” overlay will appear on the display screen connected to the HT-RANGER2. The LED on the HT-VOYAGER2 will be in a counterclockwise racing-mode in blue.
2. Once paired, “Pairing Successful” will appear on the display and the HT-VOYAGER2 will be a solid light blue color.

## WIRELESS CASTING

1. Press the main projecting button of the HT-VOYAGER2 once to wirelessly cast to the HT-RANGER2. Once casting the LED will illuminate dark blue.
2. **Enter full screen mode:** When there are multiple screens displayed on the HT-RANGER2, press and hold the main projecting button for 3 seconds to display the casting source in full screen.
3. **Freeze/Unfreeze the Display:** When wirelessly casting to the HT-RANGER2, press the main projecting button twice in 1 second to freeze the image on the display. If there is audio from the source and the image is frozen, the audio will also be paused. Press the button once more to return to live casting.
4. **Disconnect Casting:** When wirelessly casting to the display, press the main projecting button one time to disconnect the casting.

# Specifications

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Video	
Max Resolution	3840 x 2160p @ 30fps
Terminal Type	1 x Type-C (Support DP Alt mode)
Frequency	5GHz (default) and 2.4GHz

USB	
Operating System	Windows 10/11, Mac OS
USB Cable	Integrated

General	
Input Voltage	5V (power over USB)
Operating Temperature	0 to +42°C (32 to + 104°F)
Storage Temperature	-20 to +70°C (-4 to + 158°F)
Humidity	10% to 90%, non-condensing
ESD Protection	Human-body Model: ±8kV (Air-gap discharge)/ ±4kV (Contact discharge)
Device Dimension (WxHx D)	2.72" x 0.55" x 2.72" (69mm x 14mm x 69mm)
Net Weight	0.15lbs. (0.07kg)



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