



Monoprice™
ONE-CLICK USB-C® WIRELESS PRESENTER

P/N **45008**
User Manual

SAFETY WARNINGS AND GUIDELINES

Please read this entire manual before using the Monoprice™ One-Click USB-C® Wireless Presenter, paying extra attention to these safety warnings and guidelines. Please keep this manual in a safe place for future reference.

- This wireless presenter is intended for indoor use only.
- Do not expose the unit to water or moisture of any kind. Do not place drinks or other containers with moisture on or near the wireless extender. If moisture does get in or on the unit, immediately unplug it from the power source and allow it to fully dry before reapplying power.
- Do not touch the unit, the power adapter, or any other connected cables with wet hands.
- Do not expose this wireless presenter to excessively high temperatures. Do not place it in, on, or near heat sources, like a fireplace, stove, radiator, etc. Do not leave it in direct sunlight.
- Do not place or install this wireless presenter in an area where it can be exposed to excessive amounts of dust, humidity, oil, smoke, or combustible vapors.
- Before operation, check the unit and power adapter for physical damage. Do not use if physical damage has occurred.
- Before plugging the unit into a power outlet, ensure that the outlet provides the same type and level of power required by the unit.
- Unplug this wireless presenter from the power source when not in use.
- Take care to prevent damage to the power adapter. Do not allow it to become crimped, pinched, walked on, or become tangled with other cords. Ensure that the power cord does not present a tripping hazard.
- Never unplug the unit by pulling on the power adapter. Always grasp the connector head or adapter body.
- Ensure that power is turned off and disconnected before making any electrical connections.
- Do not use chemical cleaners or solvents to clean these mounts. Use only a soft cloth that's slightly moistened with warm water.
- This wireless presenter has no user-serviceable parts. Do not attempt to open, service, or modify it.

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FEATURES

- Plug and play, no additional drivers required.
- Supports single display mode and dual display mode.
- Supports DLNA®, Intel® WiDi, Miracast®, and AirPlay® technologies.
- Wireless transmission distance of up to 98 feet (unobstructed).
- Wi-Fi transmission frequency of 2.4/5 GHz
- With reverse-control function, allows control of the host device from the receiver end through the mouse or the USB touch panel (Only works for Duplicated Display MacOS is not supported)

PACKAGE CONTENTS

Take an inventory of the package contents to make sure you have all the items listed below. Please contact Monoprice Customer Service for a replacement if anything is missing or damaged.

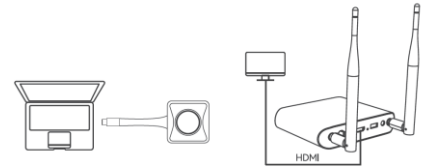
- 1x Receiver (Base Unit)
- 1x Adapter DC 12V / 1A
- 2x Transmitter (Button panel)
- 1x User Manual

INSTALLATION

A. INITIAL INSTALLATION

1. Take out the antenna and install it on the back of the receiver.
2. Connect the receiver to the display screen through the HDMI® cable, then start it after plugging the power supply, and the display terminal will display the standby screen of the product.
3. Plug the transmitter into the computer and it will automatically connect, the blue light will keep on after about 15 seconds, which means the connection is successful, then click the button to cast the screen.

NOTE: The receiver and transmitter are paired by default when leaving the factory. If the screen cannot be successfully projected, please pair the receiver and transmitter manually.



B. PAIRING

Insert the transmitter into the USB port of the receiver and the red light should flash quickly. After a few seconds, the transmitter shows that the light is always on, which means the pairing is successful.

C. APPLICATION

While the receiver base unit can be used on its own, it also needs to cooperate with the software in the mobile phone or computer—different operating systems have different settings. Please follow the instructions below to set the screen sharing.



1. iPad® /iPhone® Mobile Device Users

Select the “WIRELESS _xxx” device in the wireless LAN to establish a network connection.

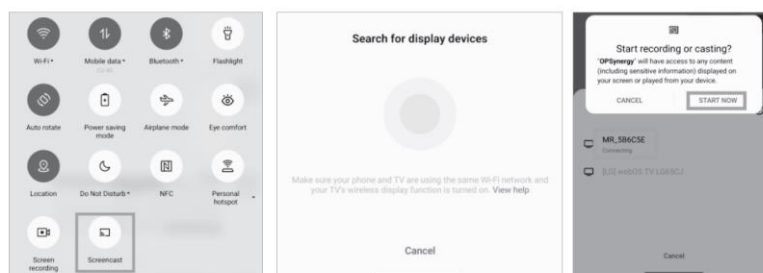
Slide the screen to enter the Apple Device Control Center → Click Airplay → Check and Select the WIRELESS xxx device -Click to display the screen. **NOTE:** The initial password is: 12345678

2. Android™ Mobile Device Users

There are two ways to share screens on Android devices. Android phones/tablets can be projected through Miracast without the need for Wi-Fi emitted from the receiver. (Miracast may have different names on different-branded phones)

3. Android™ Mobile Device Screen Sharing via Miracast®

Slide down menu → Wireless screen cast → Select target receiver → Enable screen sharing



NOTE: Here are different brand screen casting function paths for reference:

- HUAWEI: Setting → Smart Assist Multi-Screen Interactive

- Xiaomi: Settings → Connect and Share → Cast Screen
- VIVO: Settings → Other Connection Methods → Smart Screen
- OPPO: Settings → Other Connection Methods → Smart Screen
- MEIZU Setting → Display Projection Screen
- Lenovo: Setting Display → Wireless Display
- SAMSUNG: Phone from Top to Bottom → Smart View

Some Android devices do not support the wireless screen projection feature.

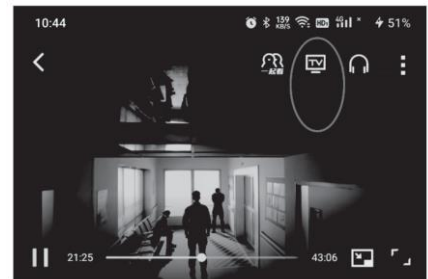
For more information, please consult the customer service of your Android™ phone/tablet.

4. Android™ Mobile Device Screen Sharing via the app
 - a. Scan the QR code to download and install the Wireless cast app—MR
 - b. Connect to the Wi-Fi hotspot of the receiver, default password: 12345678
 - c. Enter the MR app to start screen sharing.



D. DLNA CONNECTION

1. Check your device and network – Make sure that your phone, tablet, or computer is connected to the Wi-Fi (WIRELESS_ xxxx) of the receiver, and make sure its wireless network strength is sufficient. Otherwise, there may be unstable screen projection.
2. Select a DLNA application – Many applications can support DLNA and transfer digital media files to a TV, (such as Plex, and Bubble UPnP). These can be downloaded via your device's app store.
3. Connect DLNA – Open the DLNA application of your choice and find the movie, TV program, or music you want to screen. On the player control bar, you should be able to find a "screen casting" or "TV" icon. Click on it and the application agent will scan the network for devices that support DLNA. And you will find "WIRELESS_ xxxx" in the list, select it and enjoy the DLNA connection.



NOTE: If your DLNA app requires an internet connection, please refer to the sections under CONFIGURATION below to enable WIRED NETWORK BRIDGING or WIRELESS BRIDGING before configuring the DLNA.

CONFIGURATION

A. CONNECTING TO THE SSID

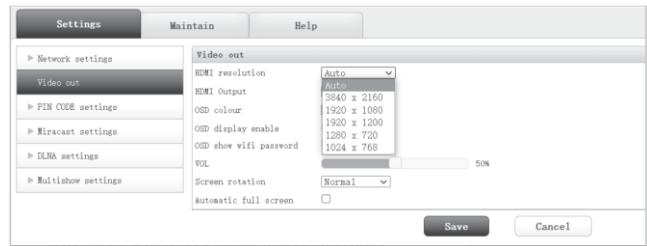
1. Connect to the Wi-Fi SSID of the receiver via your PC or mobile device, the IP (192.168.118.1 as default) is displayed in the upper left corner of the standby screen.
2. Enter the IP address in the browser (Chrome recommended).
3. Enter the account and password to the login interface.
4. Enter for setting configuration.

Account : admin
Password: admin

NOTE: After logging into the WEB server, you can make relevant settings for the device, view its operating status, etc.

B. MODIFYING THE RESOLUTION

The output resolution can be modified. After modification, click the share button to disconnect and click the share button again to take the modification into effect.



NOTE: You can modify the Wi-Fi account password and other network settings.

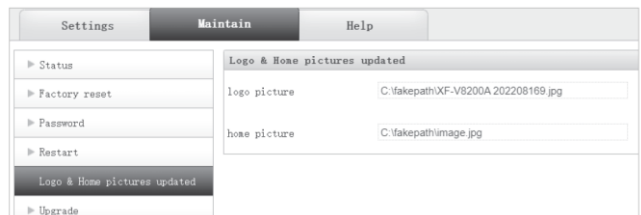
C. UPDATING THE STARTUP/STANDBY SCREEN

Startup screen requirements:

1. Image Format: JPG
2. Image Name (lowercase): logo
3. Image Resolution: 1280 x 720
4. Image Size: less than 512 KB

Standby screen requirements:

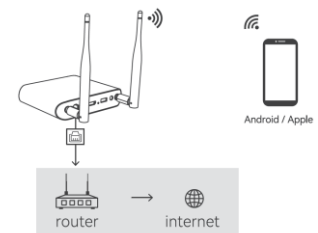
1. Image Format: JPG
2. Image Name (lowercase): home
3. Image Resolution: up to 3840x2160
4. Image Size: less than 4 MB



D. WIRED NETWORK BRIDGING

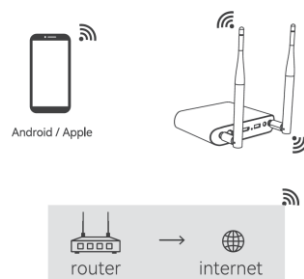
As shown in the figure on the right, connect the network port to the router and reboot the unit. The router will dynamically assign LAN IP to the unit. You can check the LAN IP on the left-top of the standby interface.

Now, a phone/tablet can achieve both streaming video/audio and access the internet by connecting to the Wi-Fi hotspot of the receiver.



E. WIRELESS BRIDGING

Before doing the Wireless Bridging setting, make sure that the network cable is unplugged and the unit is rebooted.



1. Login Web interface → Network setting → Miracast Settings → Disable Miracast → Save setting.
2. Refresh the browser.
3. Log in to the web again → Enter the router SSID & password → Click Connect (the connection status will indicate that it is connected) → Click Save.

- Reboot the unit and connect your phone to the “WIRELESS_xxx” Wi-Fi → Enjoy the convenience of wireless bridging.



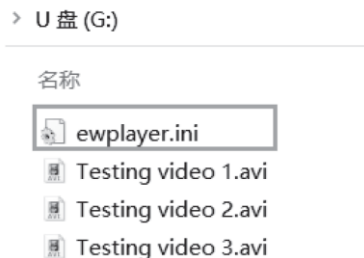
F. MULTIMEDIA PLAYBACK

When the unit is idle (no video connection) and there is an attached USB disk to the USB port, it will automatically support looping videos and images from the USB disk.

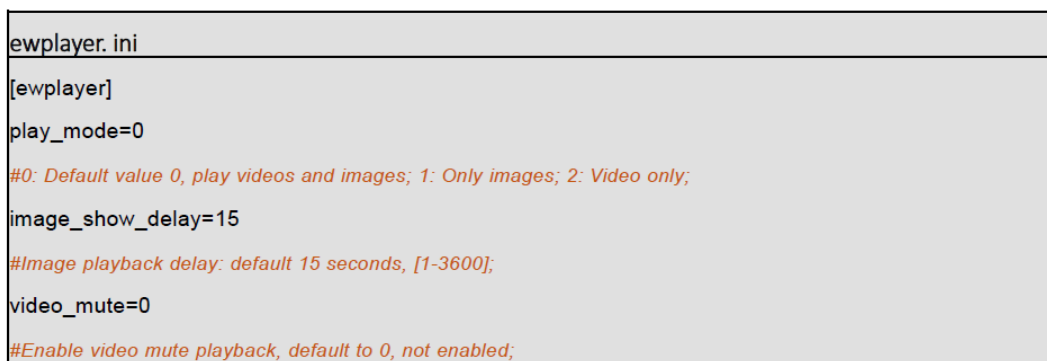
You can edit the playback parameters (ewplayer.ini) to adjust the playback parameters and copy it to the root directory of the USB drive to take it into effect.

RESTRICTIONS

- Only supports FAT32 format USB disks. Video and image files need to be placed in the root directory.



- Only supports MP4, MKV, TS, and AVI video files; image: supports jpg, png, and bmp formats.
- Video encoding supports h264/h265; audio encoding supports MP3/AAC.
- When you enable any screen sharing, the automatic playback function will automatically turn off.



FREQUENTLY ASKED QUESTIONS

Issue	Workaround
How do you use the button on the transmitter panel?	Short press the button, the red light will light up, and start to share screen.
	Short press the button, the blue light will light up, and the sharing will exit.
	When there are multiple transmitters streaming to the receiver, long press and hold one of the transmitter buttons, and the red light will light up and start to share, then other hosts will exit.
What's the logic of sound sharing?	When the receiver receives multi-sharing from a different host/transmitter, there will be no mixing. You will only hear the sound of the last shared host on the display.
	When the receiver receives multi-sharing from a different host/transmitter, the sound of the previous sharing will auto-return to the display after the last shared host exits.
When and how do you pair the transmitter to the receiver?	The host's pairing identification code is unique as the factory default. But when any of the following situations occur, it is necessary to pair the keys with the host again: • Software upgrade • Web settings change • Add a new transmitter to the connection
	Pairing method: Insert the key into the USB-C® port of the host. Pairing is successful when the key's red light remains on.
The transmitter cannot connect to the receiver.	If the computer is connected to a transmitter, then the blue light flashes for a long time, and a dialog box that is currently being connected appears on the screen (but the image/sound cannot be displayed correctly), just plug the button into the host's USB port and pair it again.
What happens if the computer is in standby mode?	When the computer enters standby/sleep mode, it cannot project the screen and the button display light is blue.
What to do if there is sound lag or video lag during transmission?	When there are many wireless devices on the site and interference is severe, you can enter the web and modify the channel to avoid interference (as explained under the Configuration section).

TECHNICAL SPECIFICATIONS (RECEIVER)

General Information	P/N	45008
	Dimensions	5.58" x 4.26" x 1.18" (141.72 mm x 108.3 mm x 30 mm)
	Product Weight	0.74 lbs (333.8 g)
	Enclosure	Aluminum Alloy, Deep Grey
	Power	DC 12V, 1A
	Power Consumption	Full load ≤ 5W
	Standby Consumption	< 3W
General Information	Storage Temperature	-20°C ~ 45°C
	Operating Temperature:	0°C ~ 40°C
	Storage Humidity	0 to 90% relative humidity, non-condensing
	Operating Humidity	0 to 85% relative humidity, non-condensing
	ESD Protection Contact Discharge	± 14 kV
	Air Discharge	± 8 kV
	Compatible System	Windows 10 or later, 32-bit & 64-bit Mac OS 10.14 or later Android 9 or later iOS 11 or later
Technical Characteristics	HDMI OUT	3840 x 2166p60 / 1920 x 1200p60 / 1920 x 1080p60 / 1280 x 720p60 / 1024 x 768Pp60
	Audio OUT	1x 3.5 mm AUX port 1x HDMI: 44.1 kHz / 16 bit PCM 2.0
	USB-C®	1x USB-C®, for pairing Tx
	USB-A	2x USB-A (Connect to touch panel/mouse to control Host) NOTE: MacOS is not supported; keyboard is not supported
		Multi-media play (Only available for U-disk FAT32/FAT) • Image: jpg/png/bmp • Video: MP4/MKV/TS/AVI • Audio:MP3/AAC
	LED	1. Booting up: Blue LED lights up for few seconds. 2. Blue flashing: power-on is completed, waiting for connection. 3. Blue LED static ON: Connection between Tx and Rx is established and ready to cast screen. 4. Red LED static ON: Screen casting is established.
	Reset	Long press for 5S to reset the device
	Driver	Driverless on Windows/macOS/Linux/iOS
	AirPlay	iOS 9.0 or later, MacOS 10.14 or layer
	Miracast	Android 5.0 or later
	Multi-Connection	2
	Simultaneous Connections	1 Receiver can pair with 16 transmitters for switching
	Video Latency	150 ms
	RJ45	100 Mbps, LAN interface
	Antenna	Receiving Sensitivity: -70 dBm

Technical Characteristics	Transmission Protocol:	IEEE 802.11ac/802.11n
	Encryption Protocol	WPA2-PSK
	Frequency Band	2.4/5 GHz
	Connection Range	98 ft / 30 M
	Coding/Decoding	H.264, H.265

TECHNICAL SPECIFICATIONS (TRANSMITTER)

General Information	Dimensions	6.26" x 2.44" x 0.66" (159 mm x 62 mm x 16.7 mm)
	Product Weight	0.15 lbs (67.1 g)
	Enclosure	PC+ABS black
	Power	DC 5V/ 1A (USB-C)
	Power Consumption	Full load $\leq$ 2.5W
	Standby Consumption	< 1.8W
	Storage Temperature	-20°C ~ 45°C
	Operating Temperature:	0°C ~ 40°C
	Storage Humidity	0 to 90% relative humidity, non-condensing
	Operating Humidity	0 to 85% relative humidity, non-condensing
	ESD Protection Contact Discharge	$\pm$ 4 kV
	Air Discharge	$\pm$ 8 kV
	Compatible System	No requirement for the system and the USB-C® interface is required to support the DP video output function
Technical Characteristics	Input Resolution	3840 x 2160 @ 30 Hz / 2560 x 1600 @ 30 Hz / 1920 x 1200 @ 30 Hz / 1920 x 1080 @ 60 Hz / 1366 x 768 @ 60 Hz / 1280 x 800 @ 60 Hz / 1280 x 720 @ 60 Hz / 1024 x 768 @ 60 Hz
	Audio	44.1 kHz / 48 kHz / 16-bit PCM 2.0
	USB-C	Power supply, audio/video transmission, pairing, and feedback control signals
	Driver/System	Driverless on Windows / MacOS / iOS / Linux No requirement for the system and the USB-C interface is required to support the DP video output function
	LED	1. Booting up: The purple light flashes once, then the blue light remains on for few seconds 2. Blue LED flashing: power-on is completed, waiting for connection. 3. Blue LED static ON: Connection between Tx and Rx is established and ready to cast screen. 4. Red LED static ON: Screen casting is established. Fault: The purple light is constantly on or flashing. If the TYPEC DP signal is not present, the purple light will flash.

Technical Characteristics	Video Latency	150ms
	Connection Range	98 ft / 30 m
	Encryption Protocol	WPA2-PSK
	Coding/Decoding	H.264, H.265
	Antenna Receiving Sensitivity	70dBm
	Transmission Protocol	IEEE 802.11ac/802.11n
	Frequency Band	2.4 / 5 GHz (default)

CUSTOMER SERVICE

The Monoprice Customer Service department is dedicated to ensuring that your ordering, purchasing, and delivery experience is second to none. If you have any problems with your order, please allow us to make it right. You can contact a Monoprice Customer Service representative through the Live Chat link on our website **www.monoprice.com** or via email at **support@monoprice.com**. Check the website for support times and links.

TECHNICAL SUPPORT

Monoprice™ is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website **www.monoprice.com** or through email by sending a message to **tech@monoprice.com**. Check the website for support times and links.

To download the latest drivers, firmware, manuals, etc., go to **www.monoprice.com** and type **45008** into the search bar. If available, support files are linked at the bottom of the product page.

REGULATORY COMPLIANCE

NOTICE FOR FCC



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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Modifying the equipment without Monoprice's authorization may result in the equipment no longer complying with FCC requirements for Class B digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

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. 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 to 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.

RADIO NOTICE FOR FCC

Caution

This FCC Part 15 radio device operates on a non-interference basis with other devices operating at this frequency. Any changes or modifications to said product not expressly approved by Monoprice, including the use of non-approved antennas, could void the user's authority to operate this device.

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RADIO NOTICE FOR ISED CANADA

This device complies with ISED Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'ISDE Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

RADIO FREQUENCY EXPOSURE

This device meets the ISED Canada requirements for exposure to radio waves and is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy. To comply with Canada RF exposure compliance requirements, this device must not be co-located or operating in conjunction with any other antenna or transmitter.

NOTICE FOR ISED CANADA

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

DISPOSAL AND RECYCLING INFORMATION



The symbol indicates that this product should be disposed of separately from regular household waste streams. It is your responsibility to dispose of this and other electrical and electronic products via designated collection facilities appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. For more detailed information about the disposal of your unwanted product, please contact your local authorities, waste disposal service, or the shop where you purchased the product.

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TECHNOLOGY AT PRICES THAT MAKE SENSE

www.monoprice.com

Need Help? We're here for you!

Contact us: www.monoprice.com/contactus

Product pictures are for reference only.

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