

PureLink™

Connect. Control. Complete.

ECOH Plus

Wireless Presentation system



User Manual v1.0

PureLink™

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For technical support, please contact us at support@purelinkav.com

Chapter 1. Introduction

1.1 Safety Precautions

- All safety instructions should be read and understood before the unit is operated.
- The owner's manual and safety instructions should be retained for future reference.
- Unplug this unit from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth only.
- Keep away from wet, magnetic, and flammable surfaces or substances.
- Always use the correct external power supply (indicated on the product label) when operating this unit.
- This unit may be equipped with a 3 wire grounding-type plug - a plug having a third (grounding) pin. This pin will only fit in to a grounding type power outlet. If you are unable to insert the plug in to the outlet, contact your electrician to replace your obsolete outlet.
- Air vents should be kept clean and unobstructed at all times.
- Please refrain from using frayed power cords and damaged wall outlets.
- Do not place any heavy objects or equipment on top of the unit.
- To prevent electrical damage, TURN OFF the power to this unit before inserting or removing INPUT/OUTPUT slot cards.

If your product is malfunctioning or for assistance operating your product, please contact our technical support team.

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1.2 Declaration of Conformity

According to Council Directive 73/23/EEC (February 19, 1973) on the Harmonization of the Laws of Member States relating to Electrical Equipment; Council Directive 89/336/EEC (May 3, 1989) on Electromagnetic Compatibility; Council Directive 93/68/EEC (July 22, 1993)-Amending Directives 89/336/EEC (MC) and 73/23/EEC (Low Voltage Equipment Safety), and/or CPU Boards and Power Supplies used Council Directive 93/68/EEC with Matrix, Dtrovision LLC, 535 E Crescent Ave Ramsey, NJ 07446 201-488-3232, declares under sole responsibility, that the product identifies with 93/66/EEC of the Council Directive Low Voltage Equipment Safety. Each product marketed is identical to the representative unit tested and found to be compliant with the standards.

1.3 What's in the Box

- 1× ECOH Plus Base unit (Receiver)
- 1× ECOH Plus Link (Dongle)
- 1× Micro USB cable
- 1× DC5V/2A power adapter
- 1× User manual

1.4 Product Introduction

The **ECOH Plus Collaboration Hub** allows users to wirelessly extend a PC/Mac or HDMI source via the **ECOH Plus Link** connector to a single display for easy connectivity and screen-sharing. The ECOH Plus supports up to eight connections and a single user on screen. Together with its plug and play design, the ECOH Plus offers effortless setup and operation (no app or software) for a convenient, no hassle meeting room solution. **Installation Guidelines**

The following installation settings are recommended for optimal performance.

- Operational temperature should be 30° C or below
- Operational humidity should be 60% or below
- Operational environment should be dust-free and well ventilated
- Stabilized AC input power (AVR-based power supply) is highly advised

Chapter 2. Product Features

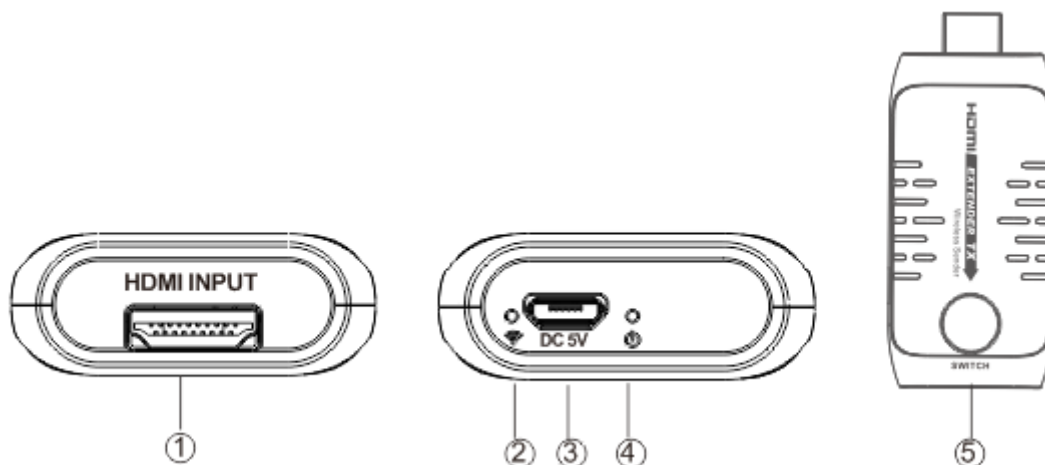
2.1 Features

- Supports up to 8 total users (single user on screen)
- Full HD/1080p media streaming
- Supports transmission distances up to 20 m. (line-of-sight)
- Plug and Play – switch between users with a simple button press
- Wirelessly extend any HDMI source (Blu-ray player, gaming console, streaming device, etc.)
- ECOH Plus Link Connector powered through HDMI port

Chapter 3. Operational guidelines

3.1 Main Menu User Guide

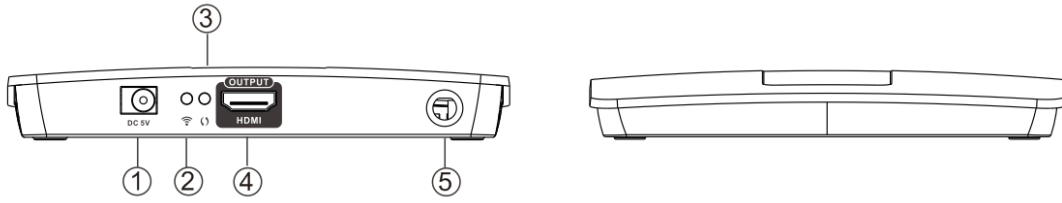
ECOH Plus Link:



| | | |
|---|--------------------------------|--|
| ① | HDMI input | Connect with HDMI source device |
| ② | Wireless connections indicator | Led keeps on when there is HDMI input, blinks slowly when it is successfully connected, blinks fast when it is transmitting data |
| ③ | Power input | Connect with Micro USB power cable (optional) |
| ④ | Power indicator | LED indicator turn on when power on |
| ⑤ | Switch button | To select transmitter input (many to one connection use only) |

NOTE : This device can be powered from the HDMI source device (which with HDMI input port). However, when the transmission/connection is not stable, or the output is not fluent, please connect Micro USB cable to the DC5V port for power supply.

ECOH Plus Base:



| | | |
|---|--------------------------------|--|
| ① | Power input | Connect with DC5V/2A power adapter |
| ② | Wireless connections indicator | Led keeps on when power on, blinks when it is successfully connected |
| ③ | Data transmission led | It keeps on when it is transmitting data, other wise, it's off |
| ④ | HDMI output | Connect with HDMI display device |
| ⑤ | Antenna | Connect the antenna |

Specification:

| Items | | Specification |
|------------------------------------|---|--|
| Power supply | Voltage/Current | TX:powered by input sources through HDMI port, RX:DC5V/2A |
| | Power consumption | TX < 2.5W RX < 5W |
| HDMI performance and interface | HDMI compliance | HDMI1.3 |
| | HDCP compliance | HDCP1.2 |
| | HDMI resolution supported | 480p@60Hz、 576p@50Hz、 720p@50/60Hz、 1080p@50/60Hz |
| | Maximum transfer rate | 4.95Gbps |
| | Input and output TMDS signal | 0.7 ~ 1.2Vp-p(TMDS) |
| | Input and output DDC signal | 5Vp-p(TTL) |
| Wireless performance and interface | Transfer method | 5G Wireless transmission |
| | Transmission distance | 15 Meters |
| | Latency | ≤200 ms |
| Protection level | Electrostatic protection of the whole machine | 1a Contact discharge level 3 |
| | | 1b Air discharge level 3 |
| | | Standard: IEC61000-4-2 |
| Operating environment | Working temperature | 0 ~ 50°C |
| | Storage temperature | -10 ~ 70°C |
| | Humidity (no condensation) | 0 ~ 90% |
| Body properties | Dimension | TX: 38.92(W) x 88.75(D) x15.26(H)mm RX: 85.58(W) x 138.11(D) x 19.18(H)mm |
| | Material | Plastic |
| | Finishing | Grit blast |
| | Weight | TX : 20g , RX : 120g |

Chapter 4. Additional Information

4.1 Manufacturer's Warranty (5-Year) Warranty

Dtrovision, LLC. (hereinafter "PureLink") warrants its HDTools and PureStream™ branded products (hereinafter "Product") purchased directly from PureLink or Dealer shall be free from defects in workmanship and materials, under normal use and service, for a period of five (5) years on parts and five (5) years on labor. Any repaired or replaced equipment related to Product shall be covered only under the remaining portion of the warranty. This warranty has no relationship to and exists independently of any warranty offered by Dealer. This warranty is a limited warranty and gives you specific legal rights. You may also have other rights which vary from state to state.

TERMS & CONDITIONS

PureLink shall repair or replace the Product if it develops a material fault during the period of warranty, on condition that i) the Product has only been subject to normal use in a domestic or commercial environment in a manner consistent with its specification and functionality, ii) the Product has been cared for reasonably and only subjected to reasonable wear and tear, iii) the defect has not been caused by willful or negligent abuse or neglect, or any accident or improper installation procedure, iv) the serial number of the Product has not been altered or removed. This warranty only applies to the original purchaser, and shall be the exclusive remedy to the original purchaser. PureLink shall not be liable for any damages whatsoever caused by Product or the failure of Product to perform, including incidental or consequential damages. PureLink shall not be liable for any claim made by a third party or made by the purchaser for a third party. Except as expressly set forth in this warranty, PureLink makes no other warranties, expressed or implied, including any implied warranties of merchantability and fitness for a particular purpose. PureLink expressly disclaims all warranties not satisfied in this limited warranty. Any implied warranties that may be imposed by law are limited to the terms of this limited warranty. This warranty statement supersedes all previous warranties.

WARRANTY RETURNS/REPAIRS/EXCHANGES

No merchandise may be returned without prior authorization from PureLink, and a Return Materials Authorization (RMA) number. Failure to comply with these conditions will result in rejection of the returned merchandise. Any warranty service on Products must be arranged through Dealer. Authorized returns must be shipped freight prepaid and fully insured to PureLink, Fair Lawn, NJ USA, with the RMA number clearly marked on the outside of all shipping boxes and containers. PureLink reserves the right at its sole discretion to refuse any shipments arriving freight collect or without an RMA number. Any authorized returned merchandise must be accompanied by a note describing the reason for return, along with contact information including name, phone number, return mailing and shipping addresses, e-mail address, and RMA number. On any products returned and accepted with an RMA number, return freight charges following repair of items under warranty shall be paid by PureLink, shipping by the standard ground carrier of its choice.

ADVANCE WARRANTY REPLACEMENTS

PureLink's advance replacement service offers a Replacement Unit upon request - free of charge for eligible products purchased less than one (1) year of the warranty claim. Products purchased more than one (1) year prior to the warranty claim do not qualify for advance replacement services. Advance replacement requests must be validated by a member of PureLink's Technical Support Team. Replacement units may be new or refurbished and are subject to availability. PureLink is responsible for shipping the Replacement Unit to your designated location by standard ground service. All other shipping methods will be the responsibility of the Dealer. Original Unit Return – the Original Unit must be returned within thirty (30) calendar days of the return authorization date. Failure to return the Original Unit within this period will be subject to a minimum 15% re-stocking fee. Dealer is solely responsible for the shipping of the Original Unit to PureLink.

TO MAKE A WARRANTY CLAIM

To make a warranty claim, promptly notify PureLink within the warranty periods described above by calling PureLink's Technical Support Department at 1-201-488-3232. PureLink, in its sole discretion, will determine what action, if any, is required under this warranty. Most problems can be corrected over the phone through close cooperation between Customer and a PureLink technician. To better enable PureLink to address a warranty claim, please have the Product's serial and model numbers. If PureLink, in its sole discretion, determines that an on-site visit or other remedial action is necessary, PureLink may send a representative to Customer's site.

CUSTOMER SERVICE

Technical support inquiries can be submitted electronically through the PureLink website at www.purelinkav.com. For immediate assistance please contact PureLink's Customer Care Team at +1 (201) 488-3232.



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