HDMI and USB-C 4K UHD Combo Switch
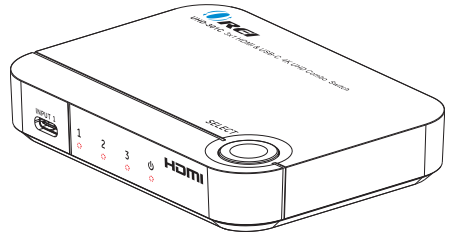
incorporates HDMI technology

3 inputs 1 output

HDMI 2.0 4K@60Hz Support
HDCP 2.2 Compliant

Model: UHD-301C

User's Manual

The OREI UHD-301C is a combo switch that integrates with 2 HDMI and 1 USB-C inputs and single HDMI 2.0 output. It turns your home video devices into a media gateway by sharing the same display (TV, monitor or Projector).

You can connect and switch up to 3 devices (streaming box, PS4, Pro, 4K Blu-ray players, Android smartphones, computer and laptop) with a simple push of a button.

It supports HDMI video resolutions up to 4K (3840 x 2160) @60Hz. Power is supplied via included power adapter.USB-C input can also provide 1.5A power to charge your connected device.

Features

- Supports 4K resolutions – up to 3840 x 2160 @ 60Hz
- Support USB-C to HDMI video signal
- 3 inputs 1 output (2 HDMI and 1 USB-C Inputs and Single HDMI 2.0 Output)
- Charge devices with up to 1.5A power delivery on USB-C port
- Support HDMI 2.0 standard /HDCP 2.2 compliant
- High frequency range：25MHz~600MHz
- DTS HD, Dolby TrueHD digital audio compliant
- Expand 2 HDMI sources on your HDTV devices
- USB 3.1 GEN1 TYPE C input supports chromebook, Android Phone、PC and   Mac , I pad pro_2019.

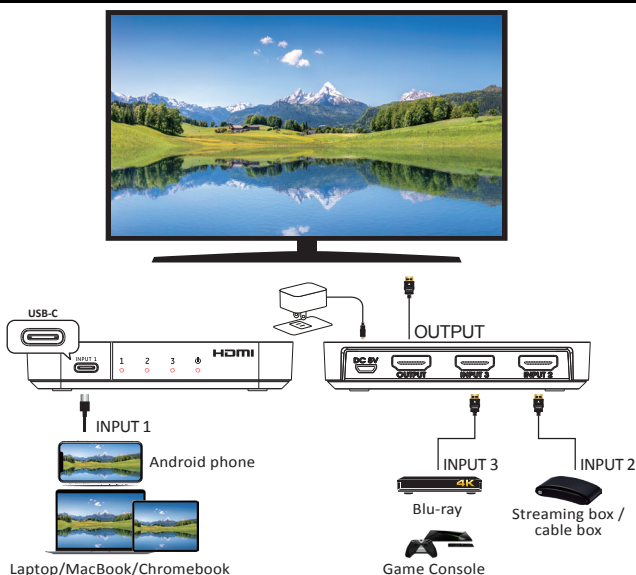   ***For video output to work through a USB-C port, your devices must support DP Alt Mode**

Package Content

- UHD-301C main unit x1 ,
- DC 5V / 2A (Micro USB) Power adaptor x1
- User's Manual x 1

Specification

INPUT PORT 1	USB-C DP Alt mode (Type C 24-pin female)
INPUT PORT 2	HDMI Receiver (Type A 19-pin female)
INPUT PORT 3	HDMI Receiver (Type A 19-pin female)
OUTPUT PORT	HDMI Transmitter (Type A 19-pin female)
General Description: HDMI	
Video Amplifier Bandwidth	18Gbps
Operation pixel frequency range	25MHz ~ 600MHz
Single Link Range	4K@60Hz max.
HDMI Standard	HDMI 2.0 , HDCP 2.2 Compliant
Supports Video Signal	12 bit deep full HD, Full 3D, 4K2K video
Cable Length	3m
General Description: USB-C	
mirror/extend source screen	1080p or UHD (3840x2160) at 60Hz
Power Delivery charging	USB 2.0 5V/1.5A
Compatible device	Android Phone / Tablet APPLE iPad Pro_2019 Microsoft PC (Windows OS_8 / 8.1 / 10) APPLE Mac OS_10.6.6 - 10.11
Control	Manual
Power Supply	DC INPUT 5V / 2A / Micro USB

Connection

USB-C

INPUT 1

OUTPUT

INPUT 1

Android phone

Laptop/MacBook/Chromebook

INPUT 3

Blu-ray

Game Console

INPUT 2

Streaming box / cable box

Step1:

< USB-C Source Connect >

Connect a USB-C cable to your USB-C source device's USB-C port and connect another end to UHD-301C input port 1.

Ps. USB-C Source devices：such as Android Phone / Tablet, PC, NB, MacBook, iPad Pro.
    The USB-C cable must at least meet the USB3.1 Gen 1 (5 Gbps) specification.
    Devices must Support DisplayPort Alternate Mode for Transmitting Audio/Video Signals.

Charging

You can charge a device connected to the USB-C input socket.
When playing back from the device connected to the USB-CTM input socket it may
be charged at the same time.

< HDMI Source Connect >

Connect a HDMI cable to your HDMI source device's HDMI port and connect another end to UHD-301C input port 2~3.

Ps. HDMI Devices such as：
Streaming box / Cable box / satellite receiver / Blu-ray player or game consoles.

Step2: Connect a HDMI cable to your display device's HDMI port and connect another end to UHD-301C output port.

Step3: Connect power adaptor to UHD-301C power port (Micro USB 5V) and connect power adaptor AC to power outlet.

Manual Control

You can control UHD-301C manually with the button; press the buttons on UHD-301C to switch among up to 3 source devices.

When you press the button, the corresponding LED will light up.

Notice:
1. When you plug the 5V USB power adaptor of UHD-301C to the power outlet,
   UHD-301C power is on.
2. Press the number button on UHD-301C to switch to corresponding input port.
3. **USB-C device needs to be equipped with USB 3.1 GEN1 C-C cable.**

Switch light flashing：No picture output
Switch light on：Picture output

Compatible Devices :

USB-C DEVICES

Microsoft PC, Notebook
(Windows OS_8 / 8.1 / 10)

CHROMEBOOK

Android Phone：Samsung . Huawei...
Android Tablet：Samsung

Apple：Mac book PRO
Apple：Mac book Air
Apple：iMac（OS_10.6.6-10.11）
Apple Tablet：I Pad PRO_2019

HDMI DEVICES

Game console

Blu-ray player

NB or PC

Set Top Box / MOD
Streaming Box / OTT Box

Application :

Phone screen can play on big screen.

type-C to C   HDMI cable

Trouble Shooting

➢ **When there is no video output, please:**
   1. Check if the connection is correct.
   2. Check if the USB-C cable is damaged.
   3. Check if the HDMI cable is damaged.
   4. Check if UHD-301C is powered on, or restart UHD-301C.

➢ **When there is only video output, but no audio output, please:**
   1. Check if the HDMI cable is well connected.
   2. Check if your source output is DVI.
   3. Check if HDCP is not communicated well; restart your UHD-301C.

➢ **When there is no 4K output, please:**
   1. Check if your source device supports 4K(3840x2160) resolution
   2. Check if your HDMI cable supports 4K specification.

➢ **When the USB-C device has no output, please:**
   1. Check if your USB-C cable whether it is damaged.
   2. Check if your USB device supports Video output function.
      Many phones , tablets and computers with USB-C ports but do not fully support video output (DP Alt Mode) over USB-C.
      It depends on the USB-C device manufacturer. We suggest contacting the manufacturer of your device to find out if your computer supports HDMI video over USB-C.
   3. Check if your Android phone function is enabled.

Notification

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