

# **HD Video Capture Box Ultimate<sup>®</sup> | 2.0**



## **User's Manual & Quick Start Guide**

**2-Year Warranty & USA-Based Tech Support**

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## **Safety Precautions**

1. Do not disassemble the unit.
2. Please note that the device and/or plugged in USB drives may become very warm during use.
3. Do not operate the unit around water or rain. Do not operate the unit around any kind of machines or appliances (other than computers).
4. Turn off and unplug the unit when not in use.
5. Use only the included accessories with the device.
6. Do not connect high powered, amplified audio outputs to the "in" ports of the device.
7. Follow all copyright laws in your country. You are responsible for your own use of this device.

## **2-Year Warranty**

Your purchase comes with a **2-year warranty**. This means that if anything goes wrong with the unit (other than accidental damage on the part of the end user) within the first year of ownership, we will replace the unit for free, 100% at our cost. Contact us at [support@clearclick.tech](mailto:support@clearclick.tech) with any issues.

## **Extend Your Warranty To 3 Years For FREE!**

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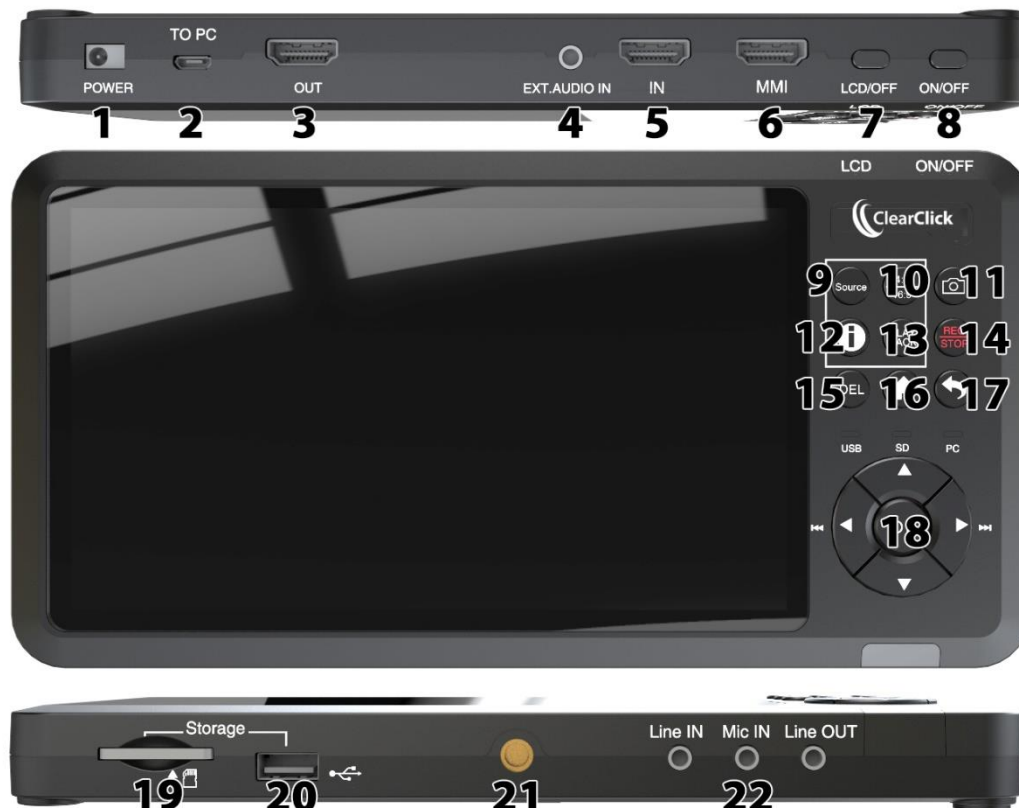
## What's In The Box?

- HD Video Capture Box Ultimate 2.0
- Power Adapter
- HDMI Cable
- AV/MMI Input Cable (for AV, VGA, or YPbPr sources)
- Remote Control
- USB Cable (for Live Streaming to PC)
- Device Carrying Case
- User's Manual

### Optional, NOT INCLUDED:

- **External Battery** (*The device does NOT include an internal or external battery*)  
Compatible Battery Models: Sony NP-F550, NP-F750, NP-F970

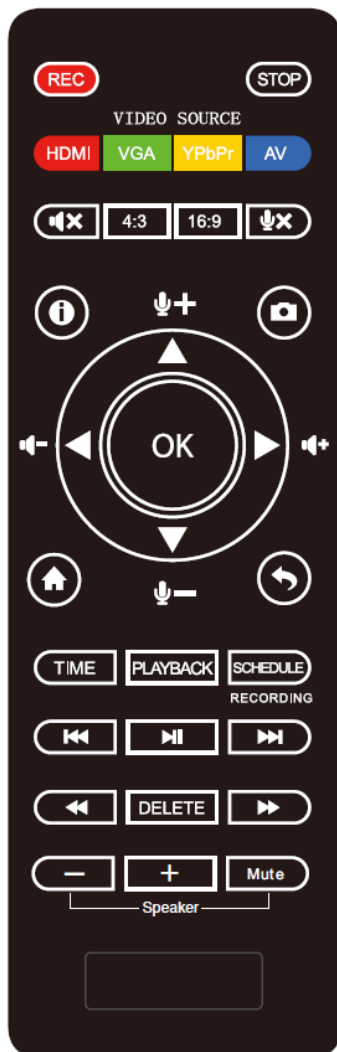
## Device Diagram & Explanation *(continued on next page)*



1. **Power Port:** Plug in the power adapter (*NOTE: The device does not contain a built-in battery. Compatible External Battery Models: Sony NP-F550, NP-F750, NP-F970*)
2. **TO PC (Micro USB) Port:** Connect to PC for recording or live streaming with OBS
3. **HDMI OUT Port:** Connect to a TV for HDMI pass through
4. **EXT. AUDIO IN Port:** 3.5mm audio input port
5. **HDMI IN Port:** HDMI input port.
6. **MMI IN Port:** MMI input (AV, VGA, YPbPr) port.
7. **LCD/OFF Button:** Turns on/off LCD
8. **ON/OFF BUTTON:** Hold down to turn on/off the device
9. **Source Button:** Press (repeatedly) to switch between input sources (HDMI, AV, etc.)
10. **16:9/4:3 Button:** Switches the aspect ratio between widescreen and fullscreen.
11. **Snapshot Button:** Press to capture a still photo (snapshot) of the current frame
12. **“Info” Button:** Display information about the video source, recording time, etc.
13. **Playback Button:** Switches device to “Playback” mode
14. **REC/STOP Button:** Start/stop recording
15. **DEL Button:** Delete recording in playback mode
16. **Home Button:** Opens the Main Menu/Settings Screen

17. **Back Button:** Exit current screen or return to capture mode
18. **Arrow/OK Keys:** Adjusts mic/input volume and makes selections
19. **SD Card Slot:** Insert an SD card (up to 512GB) with the gold contacts facing up
20. **USB Port:** Insert a USB drive (up to 512GB flash drive or 8TB HDD)
21. **Tripod Mount:** Mount the device to a tripod
22. **Line In/Mic In/Line Out Ports:** 3.5mm audio input/output

## Remote Control Diagram



Overall, the remote control included has the same functions as the buttons on the device (see explanations above).

However, there are some useful shortcuts, such as shortcuts to selecting the video source, or for scheduling a recording.

Additionally, you can control the volume of the built-in speaker with the controls at the bottom of the remote control, without affecting the volume of the recording.



## VERY IMPORTANT - PLEASE READ BEFORE USING THIS DEVICE!



Many HDMI video sources are encrypted with content protection called “HDCP,” even if the content is not copyrighted. Complying with laws, the HD Capture Box Ultimate 2.0 does not disable or override content protection.

**\*\* Therefore, if you simply plug in a content-protected HDMI video source to the HD Capture Box Ultimate 2.0, it will not detect a signal or allow you to record/stream.**

**This does NOT mean the device is defective. This simply means that this device complies with federal law and does not record from content protected video sources.**

**For gaming systems and cameras, you may be able to turn off HDCP in your system/camera’s settings. \*\***

### **FOR RECORDING 1080P/720P:**

There are low-cost HDMI splitters available that disable “HDCP.” Passing a 1080P/720P HDMI signal “through” either of these splitters first, HDCP sources could be recorded or streamed. (**NOTE:** This will only work for 4K devices if your video source is “backwards compatible” and can output 1080P/720P instead.)

#### **1. Orei HD-102 HDMI Splitter**

**[www.amazon.com/gp/product/B00F5R9TNM](http://www.amazon.com/gp/product/B00F5R9TNM)**

*Important Disclaimer: We are NOT recommending or condoning the use of HDMI splitters, or recommending that you record content-protected HDMI video sources. We are simply saying that an HDMI splitter makes it theoretically possible, but this information is solely for educational purposes. You are legally responsible for your own use of HDMI splitters. with this device. Please follow all the copyright laws in your country.*

## Quick Start Guide – Normal Recording Mode

**1. If you are recording HDMI sources, read the note on previous page (page #6) before continuing.**

**2. Connect the power adapter** to the “Power” port of the HD Video Capture Box Ultimate. Plug in the power adapter to any power outlet.

(The device does not contain a built-in battery. External battery sold separately. Compatible models: Sony NP-F550, F750, and F970 7.4V. You can also add a CR2032 battery – not included – to preserve the time & date setting on the device.)

**3. Turn on the HD Video Capture Box 2.0** by holding down the power button for several seconds. (The power button is located on the top of the device, on the right side.)

**4. HDMI Sources:** Connect your video source to the HD Video Capture Box Ultimate. Plug it into the HDMI IN port (the second port from the right).

**AV Sources (VCR/camcorder/etc.):** Plug in the MMI input cable into the “MMI” port on the device (the first port from the right). Connect your AV video source to the MMI cable using an AV cable (not included).

**VGA or YPbPr Sources:** Plug in the MMI input cable into the “MMI” port on the device (the first port from the right). Connect your VGA or YPbPr video source to the MMI cable.

**5. Set the device to the correct input (if necessary)** by pressing the “SOURCE” button one or more times. The factory default input source is “HDMI.” Press the “SOURCE” button until

the correct input source (for example, “HDMI,” “AV,” “VGA,” etc., appears at the bottom of the screen).

**5. If there is a signal from your video source, you should see video on the LCD screen.**

**!! IMPORTANT NOTE FOR HDMI SOURCES !! If your video source has HDCP (content protection), the video will NOT appear or be recordable. This does NOT mean the device is defective. This simply means that this device complies with federal law and does not record from content protected video sources. For gaming systems and cameras, turn off HDCP in your system/camera’s settings.**

If you want the HDMI signal to “pass through” to your TV, use another HDMI cable to connect your TV to the HDMI OUT port (the HDMI port on the left side of the device).

**6. Plug in a 512GB or smaller USB drive or SD card (or 8TB or smaller USB hard drive) into the bottom of the device. NOTE:** We highly recommend starting with a brand new, “SanDisk” brand drive.

**7. Press the “Rec/Stop” button** on the HD Video Capture Box.

**8. To stop recording,** press the “Rec/Stop” button again.

**9. To play back recordings** on your device, press the “PLAYBACK” button. The device will ask you to select “USB” or “SD” for your playback source. Select a recording file and press “OK” to play it.

**To exit playback mode:** Press the “Back” button repeatedly.

**10. To play back or transfer recordings to your PC or Mac,**



remove the USB drive or SD card from your HD Video Capture Box 2.0 and plug it into your computer. (NOTE: Make sure you stop recording before removing the USB/SD drive, and give the converter about 30 seconds to save the video file.) Browse the drive and go to the “video” folder. You will find your recordings in this folder.

## **Quick Start Guide – Live Streaming or Recording with OBS (PC Only)**

- 1. If you are recording HDMI sources, read the note on previous page (page #6) before continuing.**
- 2. Plug in the device to the power adapter.**
- 3. Connect the included micro USB cable to the “TO PC” port on the top of the HD Video Capture Box. Plug the other end into your PC. (*Macintosh not supported.*)**
- 4. Download & install the OBS software from [www.OBSproject.com](http://www.OBSproject.com).**
- 5. Open the OBS software.**
- 6. Click Scenes → Add Scene→ and enter a name.**
- 7. Click Sources → Add Video Capture Device→ Device Selection, and select “Video Streaming.”**
- 8. Click Sources → Add Audio Capture Device→ Device Selection and select “Microphone/Audio Streaming” to add the audio.**
- 9. You may also need to click Settings → Audio → Desktop Audio**

Device, and choose your PC's speaker/sound card.

**10.** Now you can start recording or live streaming your HDMI video source.

## **How To Control Volume of Input Source, Microphone, and Speaker**

Use the right and left buttons to adjust the volume of the input source (i.e. HDMI, AV, etc.) This volume setting will affect the final recording files.

Use the up and down buttons to adjust the input volume of the microphone (optional).

To control the speaker volume, use the speaker volume setting in the main menu, or on the bottom of the remote control. This setting will not affect the volume level of the recording files.

## **How To Navigate Device Menu & Schedule Recordings**

Press the "Home" button to open the device main menu.

Press the right and left arrows to choose a setting category.

Press the up and down arrows to select a setting.

To select a new category of settings, press the back button.

To schedule recordings, choose the last setting category (Schedule Recordings).

There are four categories of settings:

1. System Settings
2. Image Settings
3. Audio Settings
4. Schedule Settings



# SUPPORTED RESOLUTIONS

Input	4K *2K(3840x2160 30p) 1920x1080 (50p), 1920x1080 (60p), 1920x1080 (24p) 1920x1080 (25p), 1920x1080 (30p), 1920x1080 (50i) 1920x1080 (60i), 1360x768 (60p) 1280x1024 (60p), 1280x720 (60p), 1280x768 (60p) 1280x800 (60p), 1024x768 (60p) 720x480 (60i), 720x480 (50i), 640x480 (60p) 720x480 (60p), 720x576 (50p)
Output	1920x1080 (60p)
Recording	1920x1080 (60p) 1280x720 (60p) 1024x768 (60p) 1280x1024 (60p) YUV420,YUV422,YUV444,RGB444
PC Recording	1920x1080 (60p)

# PRODUCT SPECIFICATIONS

Output format	MP4 (H.264)
Video standards (input)	NTSC, PAL, PAL-60
Supported recording formats	FAT32 NTFS exfat.MBR.GPT
Input signals	HDMI, VGA, YPbPr, AV Audio L/R,MIC,Line In
Output signals	HDMI (pass-through), USB, SD, Micro USB To PC, Line Out
Bitrate	Max: 18Mbps
Recording capacity	Maximum 4GB/16GB per file
Maximum storage capacity	8TB
Power supply	DC12V1.5A
Weight	7.1 oz
Dimensions	4.3 x 4.3 x 0.6 inches
Supported file formats for playback	<b>Image formats:</b> JPG <b>Audio formats:</b> AAC <b>Video formats:</b> MP4 HDMI in Audio Sampling Rate:48Khz/44.1KHz/32Khz  <b>NOTE: Videos can be played back normally only when the image format, audio format and video format of a video meet the above requirements simultaneously.</b>

# Troubleshooting (FAQ's)

## **1. My video doesn't show up on the LCD / the LCD is black.**

First, see the important notice on page #6 (HDMI sources only).

Please make sure the HDMI or AV source input is connected properly.

Make sure the "Video Source" setting is set correctly.

Make sure your HDMI cable is plugged into the "IN" port, not the "OUT" port.

## **2. I made a recording, and when I plug in my USB drive/SD card to my computer, the file is corrupted or missing.**

Make sure you are stopping the recording by pressing REC/STOP and allowing the converter 10-20 seconds to save the file correctly.

Also, we recommend starting with a new, unused USB 3.0 drive/SD card that is "SanDisk" brand and 512GB or less. USB Hard Drives should be 8TB or less and "USB 3.0."

## **3. My SD card or USB drive isn't recognized by the device.**

Please try another SD card or USB drive. We recommend using a fresh SD card or USB drive that has not been used in other devices before.

## **4. I get the message "To PC Is Connected. Standalone Mode Is Invalid."**

Unplug the USB cable from the TO PC port to use the device in standalone mode.

## **5. The device is frozen.**

Hold down the power button for a full 10 seconds to shut down the device.

## **6. The device isn't recording.**

First, [see the important notice on page #6](#) (HDMI sources only).

Please make sure the proper source input is selected. (See FAQ #1)

Please make sure a storage device (USB drive or SD card) is inserted.

## **7. No sound from my headset/microphone and/or the device speaker.**

Please make sure the volume settings are up in the main menu. Make sure your headset volume is properly adjusted. Make sure your headset is a 3.5mm TRS type as shown in the photo on the right.



## **8. My recordings don't show up on my PC or Mac when I plug in the device by USB.**

To view recordings, unplug your USB drive or SD card from the device and plug it into your PC or Mac.

## **9. Live streaming to PC doesn't work.**

Make sure you have connected the power adapter to the device.

Make sure "Video Streaming" and "Microphone/Audio Streaming" devices have been selected as the Video/Audio input in your OBS streaming software.

## **10. When live streaming or recording directly to the PC, the audio/video is not synchronized.**

The PC streamlining/direct recording feature is very resource heavy. In other words, you may need a faster PC with a better graphics card to use this feature, such as a gaming PC.

**11. The audio and video seems to be out of sync on the device screen.**

The recorded files should not have this issue. Please play back the recorded files on a PC or output to an HDMI device in Playback mode.

If your files still have this issue, please try a new USB 3.0 flash drive (512 GB or smaller/ SD card Class 10 or higher). We recommend “SanDisk” brand drives.

**12. The recorded files don't play back smoothly on my PC or Mac.**

The recorded files may be very large in size. Try playing them back on a PC or Mac with a better CPU and graphics card.

**13. I have a question that isn't listed here, or need further support.**

No problem! Please email us at [support@clearclick.tech](mailto:support@clearclick.tech) with your order number, and we will get back to you as soon as possible.



[www.ClearClick.tech](http://www.ClearClick.tech)