

HELO Plus

Quick Start Guide

Introduction

HELO Plus requires a network connection and is shipped from the factory with DHCP enabled. If your network has a DHCP server, by simply connecting HELO Plus to your network with an Ethernet cable, the DHCP server will assign HELO Plus a compatible IP address. However, you will need to know that IP address before you will be able to access HELO Plus's internal web server for initial configuration. AJA's eMini-Setup application was designed for that purpose.

For streaming or recording to a network drive, additional HELO Plus configuration is required. A properly configured HELO Plus can stream and record simultaneously or perform each task individually.

HELO Plus Initial Configuration

CAUTION: *Please use caution and take security into account when configuring your HELO Plus unit on your network. It is recommended that you place your HELO Plus behind a firewall so that it is not accessible on the open Internet by unauthorized users. If you have questions or concerns about how to configure HELO Plus in a way that is appropriate for your security needs, please consult with your IT staff or a qualified network security consultant.*

DHCP Configuration

1. Acquire eMini-Setup from the AJA website and install it onto your computer.
<https://www.aja.com/family/software#eminisetup>
2. Connect the HELO Plus's USB Config port to that computer's USB port.
3. Launch the eMini-Setup application on your computer. The eMini-Setup Network tab will display the HELO Plus's current IP network settings.
4. If your HELO Plus is connected to a network using DHCP, the DHCP assigned IP address is shown. Enter that IP address into a web browser on your connected computer. The HELO Plus's internal web page will be displayed, allowing complete control of the device.

Static IP Address Configuration Using eMini-Setup

IMPORTANT: *Record your computer's existing TCP-IP settings before you change any of those network settings so that you can easily return your computer to normal network operation.*

1. Ensure the HELO Plus's USB Config port is connected to your computer, and the HELO Plus's Ethernet port is also connected to your computer, either directly or via a non-DHCP network.
2. Launch the eMini-Setup application and go to the eMini-Setup Network tab.

3. If necessary, select **Static** as the IP Address Type.
4. You now should now be able to make any necessary network configuration changes.
 - A. You can use eMini-Setup to edit the HELO Plus's static IP address to be compatible with your computer's current network settings.
 - B. Alternatively, you can change your computer's IP settings to be compatible with the HELO Plus's static IP address.

NOTE: Typically compatible static IP settings will have identical values for the first three IP address numbers, different values for the last IP address number, and identical Subnet Masks.

5. Once the IP addresses are compatible, enter the HELO Plus's IP address into a web browser on your connected computer. The HELO Plus's web UI will be displayed, allowing complete control of the device.

HELO Plus Recording Quick Start

HELO Plus is shipped from the factory configured with the following basic recording settings:

- Input - (SDI, Video Source on HELO Plus web UI Config screen)
- Audio Input Source - (SDI, Audio Source on Config screen)
- Recording Target - (USB, Recording Media Type on Record Output screen)
- Recording default format is "Use Selected Input Video Geometry." Full Frame Rate, 10Mb MOV

The easiest way to record is to simply apply power to HELO Plus, connect HELO Plus's SDI IN port to a valid video/audio source, insert formatted SD media into HELO Plus's SD slot, and then press the Record button on HELO Plus's front panel. The Record button and SD LEDs will blink green while recording. Pressing the Record button again stops the recording.

To change HELO Plus's configuration settings (other than IP address) requires a network connection to HELO Plus and a computer running a web browser, as described above. You can then change the input source (SDI or HDMI), recording target (USB, SD card or network drive), and the recording format.

NOTE: On Mac systems, after deleting files from a USB thumb drive or SD card, you must also empty the trash to make that space available on the media.

HELO Plus Streaming Quick Start

HELO Plus is shipped from the factory configured with the following basic streaming settings:

- Input - (SDI, Video Source on HELO Plus web UI Config screen)
- Audio Input Source - (SDI, Audio Source on Config screen)
- Both Stream 1 and Stream 2 channels enabled using Encoder 1 as input.
- HLS Stream Type - (HLS on Stream 1/2 Output Screen)
- Streaming default format is "Use Selected Input Video Geometry." Full Frame Rate 10Mb HLS

HLS streaming requires no additional configuration. With default settings you can simply connect a valid video/audio source to HELO Plus's SDI input and press the Stream button on HELO Plus's front panel.

If your HELO Plus is not connected to a network, or your network does not use DHCP, the HELO Plus will configure itself to use a default static IP address and display those values. Use that information to make the required network configuration changes that will allow you to connect your computer to the HELO Plus via Ethernet.