



How to stream with AJA Helo  
sermon.net

Revised 12/18/2019





# AJA Helo

To find your AJA Helo you will need the IP address.

Go to <https://www.aja.com/family/software#eminisetup>

<https://www.aja.com/family/software#eminisetup>

Scroll down to the AJA eMini Setup

The screenshot shows a web browser window with the URL <https://www.aja.com/family/software#eminisetup>. The page has a dark purple background. On the left, there is a screenshot of the 'AJA eMini-Setup' application window. This window shows a 'MINI-CONNECT' device with various ports (LAN, USB Port 1, USB Port 2, USB Port 3, USB Port 4) and a status bar indicating 'Connected'. Below the device image, there are fields for 'IP Address Type' (set to DHCP), 'IP Address' (10.8.250.4), 'Subnet Mask' (255.255.0.0), and 'Gateway' (10.8.0.2). There are also fields for 'UHP Host' and 'MAC Address'. An 'Apply' button is at the bottom. To the right of the application window, the text 'AJA eMini-Setup' is displayed, followed by a description: 'AJA eMini-Setup software allows quick and easy network settings configuration and device updates for AJA's ethernet equipped Mini-Converters, Mini-Connect, HELO, and KUMO.' Below this text are two buttons: 'Download Latest Version for macOS' and 'Download Latest Version for Windows'. Further down the page, the 'AJA System Test' section is visible. It includes a paragraph about the system test, a note about the free availability of the software, and a button labeled 'AJA System Test'. To the right of the text is an image of a computer monitor displaying a performance test interface with two large circular gauges showing values 2420 and 2984, and a desktop tower. At the bottom of the page, the text 'AJA RovoControl' is visible, and a small upward-pointing arrow icon is in the bottom right corner.

AJA Video Systems – 5 x + v

← → ↻ 🏠 🔒 <https://www.aja.com/family/software#eminisetup> 📖 ☆ ⚙️ 🖨️ 📧 ...

**AJA eMini-Setup**

AJA eMini-Setup software allows quick and easy network settings configuration and device updates for AJA's ethernet equipped Mini-Converters, Mini-Connect, HELO, and KUMO.

Download Latest Version for macOS

Download Latest Version for Windows

**AJA System Test**

System Test provides accurate and detailed evaluations of both drive and PCIe performance statistics - allowing users to measure the capabilities of their system for recording and playing back various resolutions and codecs.

Note: AJA System Test including PCIe testing capabilities is provided free of charge as part of the driver installation for all KONA, Io and T-TAP hardware for macOS and Windows, as well as on Linux when installing KONA drivers. Additionally, AJA System Test Lite for drive-only analysis is available for free on macOS on the Apple App Store.

Note: The downloads for System Test Lite v12.5 from this page are for the Apple Store and Windows standalone versions of System Test.

AJA System Test

AJA RovoControl



# AJA Helo

Once Logged into  
your AJA Helo

Click on  
Streaming  
Profiles

Menu

Status

Config

Scheduler

Recording Profiles

Streaming Profiles

Presets

System

Network

Firmware

Log

Recordings

Primary: SD 0

Secondary: None 0

Languages

English

日本語 - Japanese

한국어 - Korean

中文 - Chinese

Alarms

Invalid Selection

No Media In Selected Slot

a|a-helo-1HE002344

Recording Profile Name 1 Copy

Use Stream Codec For Record

Streaming Profile Name 1 Copy

Input Status

Video SourceHDMI

Input Format1920x1080i 29.97

Closed CaptioningDisabled

Audio SourceHDMI

Scheduler Status

Streaming Session

Streaming Profile NameStreaming Profile Name 1 Copy

Stream URL

Streaming Duration00:00:00:00

Streaming Format1920x1080p 29.97fps H.264 @ 5.00Mbps, 120 GOP, MP, CABAC, 192K audio

Recording Session

Recording Duration ExtentUnlimited

Recording Duration00:00:00:00

Recording Filename

File Duration00:00:00:00

Recording Format1920x1080p 29.97fps H.264 @ 5.00Mbps, 120 GOP, MP, CABAC, 128K audio

Recording Volume

Primary Record StateIdle

Recording Media TypeSD

Storage Volume NameN/A

Capacity Remaining0 % 0 bytes / 0 bytes

Secondary Recording Volume

Secondary Record StateIdle

Secondary Recording Media TypeNone

Storage Volume NameN/A

Capacity Remaining0 % 0 bytes / 0 bytes

Network Status



# AJA Helo

Copy the stream credentials from your sermon.net account

Paste into the Stream url/Stream Name

Menu

- Status
- Config
- Scheduler
- Recording Profiles
- Streaming Profiles
- Presets
- System
- Network
- Firmware
- Log

Recordings

- Primary: SD 0
- Secondary: None 0

Languages

- English
- 日本語 - Japanese
- 한국어 - Korean
- 中文 - Chinese

Alarms

- Invalid Selection
- No Media In Selected Slot

aja-helo-1HE002344

Recording Profile Name 1 Copy

Use Stream Codec For Record

Streaming Profile Name 1 Copy

Width 1920

Height 1080

Video Bit Rate 5000

Audio Bit Rate 192 kbps

Advanced Settings Hide Reset

Stream Type RTMP

RTMP Server URL yourstreamlive.com/  
Example: rtmp://127.0.0.1:1935/live

RTMP Stream Name - Empty -  
Example: myStream

RTMP Username test

RTMP Password

Dropped Frames Stream Behavior Continue



# To get your stream credentials

Click on  
Episode  
Manager

Episode  
archive

Click on  
the live  
broadcast  
episode

STREAM it >>> STORE it

Home >> Episodes Archive

Select Language  
Powered by Google Translate

Upload Media to New Episode

Search, Sort and Batch Process Options

**Episode Archive**

- Live Broadcast**  
Episode ID: 20860780  
Date: 03/27/2019 02:14 PM  
View in MC: <https://pwoodtech.streamitplayer.com/20860780>  
Playlist: pwoodtech.com  
Speaker: Paul Wood [more](#)
- live**  
Episode ID: 21480137  
Date: 11/02/2019 01:14 PM  
View in MC: <https://pwoodtech.streamitplayer.com/21480137>  
Playlist: nov 2, pwoodtech.com
- 9/16/2019 Clip 3**  
Episode ID: 21460212  
Date: 09/26/2019 07:00 PM  
View in MC: <https://pwoodtech.streamitplayer.com/21460212>  
Playlist: hsi  
Video size: 1979.65 MB  
Audio size: 132.32 MB
- 9/16/2019 Clip 2**  
Episode ID: 21460211  
Date: 09/26/2019 06:59 PM  
View in MC: <https://pwoodtech.streamitplayer.com/21460211>

Paul Wood  
Last login: 11/18/2019 04:59 PM



# To get your stream credentials

Click live broadcast tab

Then Stream Credentials

Copy and paste the credentials into the AJA interface

STREAM it >>> STORE it

- Home
- Episode Manager
- Add New Episode
- Episode Archive
- Media Bank
- Stream from Browser
- Master Live Episode
- Delivery Manager
- Studio Settings
- My Account
- Stats

Home >> Episodes Archive >> Episode >> Live Broadcast >> Stream Credentials

Select Language  
Powered by Google Translate

Live Broadcast

View in Media Center: <https://pwoodtech.streamitplayer.com/20860780>

View Link Copy Link

Show in Player Podcast

Duplicate Episode

Upload Media

Details Categories Media / Upload **Live Broadcast** Player Modules Schedule Playlists

Settings & URLs

**Stream Credentials**

Broadcast Now

Simulcasting

Live Recordings

What live encoding software are you using?

PLEASE NOTE:  
If you are multi-bit rate streaming, within your encoder always arrange the streams from highest to lowest (with the highest bit rate on top).

Please select your Stream Params - up to 3 Streams can be delivered:

Audio only live stream

Video bitrate: 1500 kbit/s

Video Dimension: 1920x1080

Audio bitrate: 64 kbit/s

Add stream

Save Broadcast Settings

Server: <rtmp://stream.sermon.net:80/live/100967>

Stream name 1: [livefor20860780\\_tb1564\\_in1\\_vb1500\\_ab64\\_fps1920x1080?key=c1f8dfc6&rec=disk](livefor20860780_tb1564_in1_vb1500_ab64_fps1920x1080?key=c1f8dfc6&rec=disk)

Email Stream Credentials to:

Copy Link

Copy Link

Send





**Video bit rate will need to be set from anything ranging from 600kbs to 1500kbs . This is just a suggestion. Set to what you need.**

**Audio will need to be set from 64kbs to 96kbs**

**Encode size(resolution)**

**SD 640x480 4x3 square**

**SD 640x360 16x9 widescreen**

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**HD 1280x720 16x9 widescreen**

**HD 1920x1080 16x9 widescreen**

**HD 3840x2160 16x9 widescreen**

**No username or password is required**



## AJA Tips

- If you are having trouble, please restart your AJA Helo
- If the stream breaks into several files. This means your stream will be dropping and you are overloading your device. Possible local network issues or internet service provider issues.





If you have any other questions please let us know,  
we are here and happy to help.

By submitting a ticket within your account.  
800 807-1014

We do offer FREE remote assistance, if you could use  
some help let us know and we can set up a time.