

Main Camera:

Download Adobe Flash Media Live Encoder (FMLE) from www.adobe.com/products.
If you don't have an account, use daletraber@gmail.com, password: *uppersports*.

The screenshot shows the Adobe Flash Media Live Encoder (FMLE) interface. The 'Encoding Options' tab is active, showing 'Encoding Log' and 'Preview' sections. The 'Video' section is expanded, showing settings for Device (GR-D22), Format (VP6), Frame Rate (30.00 fps), Input Size (640x480), Output Size (640x480), and Bit Rate (500 Kbps). The 'Audio' section shows Device (First 2 channels), Format (Mp3), Channels (Mono), and Sample Rate (22050 Hz). The 'Stream to Flash Media Server' section shows FMS URL, Backup URL, and Stream fields. The 'Panel Options' section shows 'Output' selected. The 'Start' button is highlighted in green.

- Select your camcorder
- Select 30.00 or 29.97 fps
- Select 720 x 480 and ensure that 'Maintain Aspect Ratio' is unchecked
- Select 500Kbps for Bit Rate and 640 x 480 for Output Size
- Checkmark Deinterlace
- Select 32Kbps
- Select your audio device
- On UpperSports.com go to Broadcast > Schedule, Begin Broadcast and:
 - Copy FMS URL and paste it into the FMS URL field in Adobe FMLE
 - Copy Stream Code and paste it into the Stream field in Adobe FMLE

IMPORTANT: Erase all existing code prior to pasting in new code
- Checkmark Auto Adjust and select Degrade Quality
- Start Broadcasting

Troubleshooting:

A Stuttering Picture

1. Reboot computer & quit antivirus for broadcast
2. Run only Adobe FMLE during broadcast
3. **PC:** Right-click on the Taskbar and select 'Task Manager'.
Mac: Launch Activity Monitor (Applications>Utilities).
If CPU exceeds 95%, a faster computer is required.

B Poor Picture Quality

1. Confirm that your Firewire connections are securely in place
2. Confirm that Frame Rate is 29.97 or 30 fps
3. Ensure that all available light is turned on
4. Adjust the lighting setting on your camcorder
5. Use a better quality Firewire camcorder

C UpperSports Online Editor

The UpperSports Editor, requires the latest version of Flash. To check your version, visit www.adobe.com/software/flash/about (this page also contains a download link if your version of Flash is outdated).

For assistance call [\(206\) 923-9400](tel:(206)923-9400) or [\(206\) 734-4722](tel:(206)734-4722)

Starting a Broadcast

A Hardware Settings

- Computers and cameras must be plugged into power; *do not rely on batteries*
- Restart computer and close all applications to eliminate potential stuttering
- Quit antivirus and disable sleep mode on your computer for broadcast

Note: If you don't have someone you can designate as a viewer, call us at one of the numbers below - we'd be happy to provide feedback

Monitor a Broadcast

- Monitor broadcasts by either clicking the 'Broadcast > Broadcast Window' tab or by viewing in the Broadcast Window on your website
- If bandwidth is limited, ask a friend to view the broadcast on another network

B Gymnasium Wi-Fi Usernames / Passwords

No internet? No Problem. You can either tether your cell phone to your laptop (with compatible phone and data plan) or purchase a mobile modem. Many data plans provide 5GB of transfer for \$50 (a 2-hour game will cost approximately \$2.50)

GYM 1: _____ Username: _____ Password: _____

GYM 2: _____ Username: _____ Password: _____

GYM 2: _____ Username: _____ Password: _____

C Log Into UpperSports.com/login and Launch Adobe FMLE:

Email Address: _____ Password: _____

D Begin a Broadcast

On UpperSports, go to Broadcast > Schedule, select a scheduled game and click 'Begin Broadcast'. Copy and paste Code as per point 8 on reverse

What If My Broadcast is Interrupted?

A broadcast can be interrupted unintentionally by unplugging a microphone, losing an internet connection, etc. If you experience this:

1. **Quit and relaunch FMLE**
2. **Reschedule a new broadcast** on UpperSports by going to Broadcast > Schedule > Create Broadcast
3. **Place a '2' behind the title** to convey that this is part 2 of the broadcast.
4. **Click 'Begin Broadcast'** to access new FMS URL and Stream codes.
5. **Copy and paste those codes** into the appropriate fields in FMLE.

Videography Tips

1. **Set up near center court** or midfield at a high vantage point
2. **Shoot in thirds** (left, center, right) to reduce camcorder movement
3. **Use a tripod.** You may wish to use only one leg of the tripod and pivot left and right.
4. **Focus on the scoreboard** during timeouts or breaks
5. **Demo mode.** If your camcorder goes into demo mode, insert a tape.
6. **Sleep mode.** If your camcorder goes into sleep mode, insert a blank tape and press the 'record' button with recording speed set to LP or ELP (LP mode will keep your camera awake for 1.5 hours; ELP for 2 hours)

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