



Tech Tips on how to plan a showing of *Green Fire*

QUICK OVERVIEW

Questions

- How many people in the audience?
- Where will it be shown?
- What equipment do I need?
- Location of screen, projector, speakers and audio gear
- What's the room set-up – can everyone see?
- What's the seating arrangement?

Equipment considerations

- DVD/Blu-ray/Computer Player
- Sound
- Screen
- Projector/Monitor
- Room lighting – control of ambient light
- Power sources
- Microphones for discussion, if needed

Compiled by Dave Steinke and Steve Dunsky, co-directors of *Green Fire*.

Contact: dsteinke@fs.fed.us; sdunsky@gmail.com

What Kind of Screening Will You Host?

Venue	Best For	Equipment
<p style="text-align: center;">Personal showing</p> <p>The fastest/easiest way is to show the film on a computer with a DVD player.</p>	<p>Good for showing to one or two people.</p>	<p>Computer with a DVD player. Sound will be better if you have small external speakers that work with your computer.</p>
<p style="text-align: center;">Home showing</p> <p>You would show this just like you watch movies at home. Put the <i>Green Fire</i> DVD in your DVD player and watch it on your television with the sound coming out of your TV or speakers you might have plugged in to the DVD player.</p>	<p>Good for small groups of people.</p>	<p>DVD player, television set, speakers. Check to make sure everything works before you show it.</p>
<p style="text-align: center;">Small group showing with a big television</p> <p>Might be shown in a classroom or a small meeting room. Same setup as home. You might need to plug the DVD into the TV.</p> <p>A good rule of thumb is one inch of diagonal television per person – i.e. a 42” television screen should accommodate up to about 42 people.</p>	<p>Good for small groups of people. The bigger the screen, the better.</p> <p>It would be nice to play the Blu-ray disc in this setting, but it will require a Blu-ray player and the proper cables to patch into the monitor.</p>	<p>Large screen High Definition television (42” to 60”) with a DVD player. Should have really good speakers in the television or additional speakers that plug into the DVD player.</p> <p>Make sure you have all the correct cables and plugs and be sure to practice before the screening.</p>

What Kind of Screening Will You Host?

Venue	Best For	Equipment
<p style="color: red; font-weight: bold;">Small group showing with a projector</p> <p>This is pretty much like showing a PowerPoint presentation or what you typically see in a classroom. The DVD is projected onto a large screen with really nice sound in a darkened room to a small group of people.</p>	<p>Good for small groups of people. The best conditions are low light or nearly dark. Generally, the higher the lumens on the projector, the better the picture and less control of the light you will need to have.</p> <p>The Blu-ray disc would be best in this setting, but it requires a Blu-ray player and the proper cables to patch into the projector. It would be best if the projector is capable of showing off the Blu-ray quality. Check the owner's manual and adjust the settings properly.</p>	<p>Computer with a DVD player. A projector that is compatible with the computer or a DVD player/Blu-ray player and nice external speakers.</p> <p>Make sure you have the correct cables and plugs and that everything plays correctly before the show starts.</p>
<p style="color: red; font-weight: bold;">Large Group showing</p> <p>This is where we really want to spend some time and energy and probably some money renting equipment and try to show <i>Green Fire</i> in the best light we can. We want this to be the best experience possible for the audience – on a par with a movie theatre. The high definition of <i>Green Fire</i> is on par with most motion pictures today, so let's show it off.</p>	<p>A convention key note presentation, a plenary session screening. Generally looking at between 100 and 200 people.</p> <p>It would be best (maybe the only way) to play the Blu-ray disc in this setting, but it will require a Blu-ray player and the proper cables to patch into the projector. And it would be best if the projector is capable of showing off the Blu-ray quality – the full 1920 x 1080 HD picture.</p> <p>Check the owner's manual and adjust the settings properly.</p>	<p>It will take lots of time to set up and test and check sound and ambient light. You might need to add microphones for the introduction and discussion after the film. Blu-ray players rent for approximately \$100.00 per day, a high definition projector (720-P at about \$500 per day, and 1080-P rent for around \$1,000 or more per day) speakers and a mixer and cables run about \$300.00 per day and the delivery, set up and tear down another \$100.00 or so. So figure a ballpark figure of about \$1000- \$1500.00 for a really nice high-end screening.</p>

What Kind of Screening Will You Host?

Venue	Best For	Equipment
<p>Ball room, meeting hall, large venue showing</p> <p>This is the next best thing to a movie theater. We want to make this as close to a theater experience as possible...dark room, comfy seating, big sound, a beautiful high definition experience on a big screen that everyone can easily see.</p>	<p>Again a convention, key note presentation, a plenary session screening. Looking at more than 250 people.</p> <p>Definitely play the Blu-ray disc in this setting, but it will require a Blu-ray player and the proper cables to patch into the projector. And it would be best if the projector is capable of showing off the Blu-ray quality. Check the owner's manual and adjust the settings properly.</p> <p>Other options might be to play the show off of a High Definition tape deck, or playing the show off of a high speed hard drive or computer.</p>	<p>Now we are getting into rental equipment with enough quality to show it really big on a screen and plenty of speaker power to hear all the sound quality in the show.</p> <p>You may need to get some AV help from the hotel or venue folks or have a rental company come in and set the whole thing up.</p> <p>Prices will run a little higher than the above, depending on the city and the venue.</p>
<p>Theater showing</p> <p>Most theatres are different as far as the equipment they have for showing films. It might be best for Steve or Dave to talk with the owner or the projectionist to get them the highest quality copy of the show we have.</p> <p>We will <u>not</u> have a 35 mm film copy of <i>Green Fire</i> in case that question comes up.</p>	<p>A local movie theater like the Ringling in Baraboo. It's surprising how inexpensive it is sometimes to rent a theatre when the movie house is not showing films. Earlier hours, weeknights, days are best; and look at the small theatres or smaller venues. Sometimes the owner will make enough on food and drink to waive the theatre rental charge.</p>	<p>The highest quality copy of the show that the theater can handle. These types would include Blu-ray, HDCam, running the show off of a high speed hard drive and other forms of 1080-High Definition playback.</p> <p>Contact Dave or Steve and we'll be happy to help.</p>

What Kind of Screening Will You Host?

Venue	Best For	Equipment
<p>Drive-in Theater showing</p> <p>Not many of these venues left, but it would be pretty cool to have <i>Green Fire</i> show at a drive-in. Just refer the theater owner or projectionist to Dave or Steve and we'll figure out a way to get this done in the best format!</p>	<p>Good for warm summer night screenings.</p>	<p>First you need to find a Drive-In. Then approach them about screening <i>Green Fire</i> as part of a special event or promotion.</p> <p>Then get an old car and put a bunch of people in the trunk, buy some beer and Kentucky Fried Chicken and head for the movies!</p>

A little bit about aspect ratios...the size and shape of your television or screen.

- *Green Fire* was made to be seen in a 16 by 9 format...sixteen units wide by 9 units high. That's the best way to see it. It's the way the director saw the scene when it was filmed.
- Some DVD players and projectors will automatically show it in 16 by 9, or it may automatically change it to 4 by 3 or something altogether different. If the people in the scene look stretched or squished, then something needs to be adjusted. Don't show the program if the people in the show don't look right – get some AV help or go to the projector or DVD manual for instructions.
- Blu-ray Disc's Full HD 1080p resolution produces over 2 million pixels per frame to produce a razor-sharp picture with unmatched depth and clarity that takes full advantage of the capabilities of today's 1080p HDTVs and projectors. That's six times the picture data contained on DVDs, which are encoded at only 480p.