

# A/V Requirements for Steve Uzzell

## Technical Addendum for Steve Uzzell's Keynote Presentations June 2014

### Overview

Mr. Uzzell is a former National Geographic photographer. The images in his presentations are **ALL** full tonal range photographs and require the best projection equipment available for maximum impact. **These presentations are NOT PowerPoint, and require a movie-theater dark room – no extraneous light.** Both presentations are done in two aspect ratios and pixel dimensions: 4:3 (1024 X 768 pixels), and 16:9 (1920 X 1080 pixels).

### Projection

1. An LCD or DLP projector with minimum **native** resolution of 1024 X 768 pixels (image aspect ratio of 4:3), or 1920 X 1020 pixels (image aspect ratio of 16:9), whichever fits the screens chosen for the venue. Additionally, the projector/s should have the capability of individual adjustment of the red, green and blue outputs, brightness and contrast, and preferably gamma as well. This may sound quite specific, but projectors with these capabilities are more common than not.
2. Projector brightness (lumens rating) should be appropriate for the combination of screen size and audience size. Please call Mr. Uzzell to consult on this critical factor, since it is paramount to the success of the program.
3. Mr. Uzzell uses the latest model **MacBook Pro** and Apple's **Keynote** software. **Since Mr. Uzzell presents with his computer on the podium directly in front of him,** any effort to keep the length of the connecting VGA cable/s to less than 90 feet would obviate the need for a line or distribution amplifier. If the presentation can be kept DVI or SDI all the way through, so much the better. Mr. Uzzell carries a DVI (mini display port) to VGA adapter as well as DVI (mini-display port) to single link DVI adapter.

### Screen

1. **Please make every effort to use front projection. The illumination of a rear projection image, unless done properly, is *extremely* uneven when viewed off-axis. This unevenness is the reason there are NO rear-projection motion picture theaters! If rear projection MUST be done, please have the projectors at least 4 times the width of the screen behind the screen. With a 20 foot screen, please have the projectors at least 80 feet behind the screen. A short throw lens combined with rear projection is unacceptable.**
2. All of the images in this presentation fit the horizontal format (full frame vertical images are reduced to the pixel height of the two formats).
3. Mr. Uzzell requests the largest rectangular screen/s that will fit comfortably in both the room and the client's budget. **The larger the screen/s, the greater will be the impact of the presentation!** Every attempt should be made to have the back row of the audience be no farther away from the screen than 6 times its width. Example: with a 16-foot screen, the back row should be, at MOST, 96 feet away, if at all possible.
4. Important! The screen/s should be placed high enough above the floor of the room so that the audience can view the entire image over the heads of those sitting in front of them. At several points in the presentation there is critical information on the bottom edge of the screen that is very important to the presentation. A good rule of thumb is to have the bottom of the screen/s at least five feet above the floor (over the tops of people's heads in the row in front).

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5. If the audience is larger than several hundred, or if the presentation room has lower ceilings (15-16 feet), client should consider using two screens and two projectors or more. Please call Mr. Uzzell to consult on the audio-visual requirements for audiences larger than several hundred.

### Sound

1. Wireless lavalier microphone for Mr. Uzzell.

### Staging

1. Mr. Uzzell presents with his laptop on the podium directly in front of him.
2. Depending on who precedes or follows Mr. Uzzell, the logistics may be GREATLY simplified with the use of a second podium, so that his laptop may remain **at the ready** with no interruption or possible miscues from a shared podium. If there is a break immediately prior to Mr. Uzzell speaking, then we can set up then on a single podium, provided there has been time to do color adjustments long before the beginning of all sessions. Please allow enough time for color adjustments to be made with the room in complete darkness (usually 20-30 minutes per projector), with no competition from wait staff, if the scheduled presentation is around mealtime.
3. Room temperature water (small bottle is the best) on/in the podium.
4. Stage or risers. Mr. Uzzell requests that, if the room permits, that the podium be raised above the general level of seating to assure the best possible visibility.

### Lighting

1. Many smaller conference rooms have fixed lighting that is not always conducive to visibility, much less dramatic effect.
2. If the budget is available, supplemental lighting should be provided for both the stage area and the podium. A general stage wash should be on a separate dimmer so it can be completely turned off during the presentation. An additional light for just the podium, separate from the wash above, should be masked so that it, too, does not spill on the screen. It should also be on a separate dimmer so that its intensity can be reduced to a glow during the presentation.
3. The lighting in the rest of the room, both ambient and supplemental, should be checked before Mr. Uzzell's arrival. **Make sure that the room can be completely darkened: The goal is to create a theater— NO extraneous light.** If there are any “work lights” or “safety lights” (besides exit signs), arrangements should be made to have them turned off. If there are exit lights near or **behind the screen**, arrangements should be made to have them dimmed or partially covered during the presentation so they do not bleed through a translucent screen. If the screen is opaque, this is not a concern.

If the room cannot be fully darkened, please let Mr. Uzzell know **before** the presentation. It may be necessary to drape ambient light sources so that the room can be **completely dark during the presentation.**

### Summary

If there are any questions about the above, please call Mr. Uzzell at 703-508-2233.