

## AS ONE -- VIDEO TECH RIDER

The video design of *As One* was created by Kimberly Reed and conceived by the creative team as an integral part of the opera. It is available for rental through American Opera Projects. The design is composed of projections onto five different screens. Video generally appears intermittently on each of the five screens (see photos A-C), but sometimes one image covers all screens simultaneously (see photo D), and sometimes no video at all is projected.

### AOP PROVIDES:

1. Portable USB 3.0 hard drive capable of sustaining data rates required to play back video (in conjunction with Presenter's computer that meets specs below). This portable hard drive contains:
  - Video cues called for by the QLab or Isadora project
  - Project file that triggers all video cues, in either QLab (v 3.0+) or Isadora format. We include project files from previous productions of *As One*, each with slight adjustments based on that production's needs. Upon rental of the hard drive, presenters are encouraged to make their own unique video folder by copying one of the previous production show folders that is the closest approximation to their intended production.
2. Copy of cueing score, which corresponds to QLab cue numbers.

### RENTAL COST FOR VIDEO COMPONENT HARD DRIVE:

Tier 1	\$500	Tier 4	\$1550	Tier 7	\$5000
Tier 2	\$750	Tier 5	\$2000		
Tier 3	\$1000	Tier 6	\$3000		

A Theater's tier will be determined by the "average tier" based on the following three criteria:

TIER	CAPACITY	TOP TICKET PRICE	# OF PERFORMANCES
Tier 1	Less Than 100	\$20 or Less	10 or Less
Tier 2	101-150	\$21-25	11-20
Tier 3	151-199	\$26-29	21-24
Tier 4	200-299	\$30-39	25-29
Tier 5	300-399	\$40-49	30-34
Tier 6	400-499	\$50-59	35-39
Tier 7	500+	\$60+	40+

Example: Awesome Opera has 5 performances with a top ticket price of \$40 in a theater with a seating capacity of 299. This places them in Tier 1 for number of performances, Tier 5 for top ticket price, and Tier 4 for seating capacity, making their average Tier  $(1+4+5 / 3)$  a Tier 3. A Tier 3 rental is \$1000.

**Optional Rental Items:**

1. Projection screens. Six total; Five Video screens plus one Subtitle screen. For screen dimensions, see PROJECTION SCREENS section below. *Rental cost for projection screens are the same tiered rate as above with costs beginning at \$500 for a Tier 1 production.*
2. Playback Computer. Mid 2010 MacPro 12-core (2x2.93GHz 6-core Intel Xeon) running OSX 10.9.4, 32GB RAM. The video card is an ATI Radeon HD 5870 with 1024MB. The card has one DVI and two Mini-Display Port outs. *Rental cost for playback computer is the same tiered rate as above with costs beginning at \$500 for a Tier 1 production.*

Exclusive of fee, it is the presenters' responsibility to pay for all shipping and insurance costs of the Optional Rental Items to and from the presenting venue.

**Payment:**

Payment for rental items will be made to American Opera Projects, Inc. via check, Paypal, or wire transfer (international orders only). Payment must be received within 60 days of receipt of invoice.

**Presenter provides:**

1. Video engineer, with QLab or Isadora programming skills if changes other than screen-mapping or slight timing adjustments will be made.
2. Playback computer with the following specifications, or better:
  - QLab project requires Apple MacBook Pro or Mac Mini with at least Core i7 processor and 16GB RAM. AOP can provide Playback Computer at an additional cost (see above).
3. Projectors
  - Screen Projector: One main projector to cover five video screens with brightness/throw/angle/etc to achieve the relative projection brightness in the three production photos included in this document.
  - (additional) Subtitles: If Presenter will display subtitles, which the creators strongly recommend, a dedicated projector (as well as operator and playback computer) will be required.
  - (optional) Floor Projector: Floor projections require a dedicated projector. Please discuss with AOP. Note that projecting on the floor will require playback computer with two video outputs; optional Playback Computer with dual outputs is available for rent from AOP.
4. Necessary power distribution, cabling, adapters, etc.
5. To prevent projector noise from interfering with music, projector placement, baffling, and HVAC noise issues should be considered.

## ARTISTIC INTENT

The film that accompanies *As One* was designed as a comparatively large tapestry of video that engulfs performers. This “overwhelming,” in conjunction with a fractured presentation that breaks up video over five screens, is designed as a Cubist depiction of visual associations, rather than a domineering centralized image that draws attention away from the music and performers.

Video should surround the performers without drawing too much attention from them, and break up the images to counteract the mesmerizing (i.e. distracting) nature of a centralized video image. Viewers should almost always feel like they’re not able to comprehend each video clip, forcing audiences to sit back, focus on the performers, and let an overwhelming wash of video set the stage.

In keeping with this aim to keep video images abstract, the original production called for video to be projected onto one sheet of Rosebrand “White Sharktooth Scrim,” which gives the video an indefinite character, and (crucially) allows for images to blend at points where screens overlap.

Though it is possible to change the size, material, and layout of screens, Presenters should make best efforts to maintain the original intent of video design. One design element that cannot be changed is the aspect ratio of each screen, as this would omit visual content.

In Example Photo B, *As One*’s 2015 Logan performance, the original video screens are in use, but note that, due to a smaller stage size, screens were forced to overlap more than they did in the 2014 BAM premiere in Photo A.

## PROJECTION SCREENS

	<u>Aspect Ratio</u>	<u>Screen sizes from BAM premiere (available for rental)</u>
Screen 1:	1.424	16’6”(w) x 11’7” (h)
Screen 2:	0.732	10’3”(w) x 14’0” (h)
Screen 3:	1.29	17’6”(w) x 13’5” (h)
Screen 4:	1.78 (16x9)	20’4”(w) x 11’5” (h)
Screen 5:	2.41	16’10”(w) x 7’0” (h)

Each screen is mapped to a specific “Surface” in the QLab project file. In other words, once each Surface is properly mapped in QLab, video cues will automatically appear on the correct screen.

## Subtitles

Note that the VIDEO section of this tech rider generally ignores Subtitles. Descriptions of the number of screens and projectors do NOT include subtitles. If subtitles will be used, which the creators strongly recommend, an additional screen, projector, operator, etc. will be required.

## Floor Projections

The BAM premiere included floor projections. Though subsequent productions have not used floor projections, video files are available if desired, and are referenced by the QLab file. Note that floor projections require a dedicated projector. If both main screen + floor projections will be used, a Playback

Computer tower with multiple video outputs is available for rent from AOP (see above).

### **Designer/Consultant available**

Kimberly Reed, the film designer (and co-librettist) for *As One*, may be available for hire if an on-site video consultant is preferred. For information and rates, please call or email Kimberly Reed's manager Ben Feldman at [bfeldman@fgrslaw.com](mailto:bfeldman@fgrslaw.com) and CC assistant@bigskyfilm.com.

### **Rental of Touring Production and Scores**

Complete Touring Productions of *As One* are available for rental. For information and rates, please call or email AOP at 719-398-4024 or [info@operaprojects.org](mailto:info@operaprojects.org). For *As One* score rentals, contact William Holub of Bill Holub Music at [bill@holabmusic.com](mailto:bill@holabmusic.com).

### **Video Reference**

The following is a link to the video documentation of AOP's 2015 performance of *As One* in Logan, UT. It can be used as a reference to have a better idea of how the projections integrate into the performance. The video is for archival purposes only and must not be shared to the public.

<https://vimeo.com/189629813/f591e5b33e>

Example Photos:

**Photo A: American Opera Projects 2014 Premiere at BAM**



**Photo B: Production photo showing video on four of the five video screens (plus one for subtitles) during the lyric "Three words." (AOP 2015 production, Logan, UT)**



**Photo C: Production photo showing video on three of the five video screens (plus one for subtitles) during the lyric "A Christmas story." (AOP 2015 production, Logan, UT)**



**Photo D: Production photo showing how several cues call for one video to be projected onto all five video screens. (AOP 2015 production, Logan, UT)**

