

The background features a repeating pattern of stylized, white, geometric shapes resembling sawdust or wood grain, arranged in a circular, starburst pattern against a black background. The shapes are composed of various lines and angles, creating a complex, crystalline structure. The text 'NATIONAL SAWDUST' is prominently displayed in the top left corner.

**NATIONAL  
SAWDUST**

**PROJECTION  
INFO DECK**

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# OVERVIEW

NS provides, to all productions and events, use of the house video projector, house laptop running QLab v4, and basic show video operation by the staff FOH audio engineer or staff lighting designer. NS has basic video masks available for the projector's default focus to the venue wall which can be applied in QLab or requested in advance to "bake in" to video designs.

For serious video cueing, Artist should provide a projection operator or request that NS hire an additional technician at Artist's cost. NS tech staff can run basic video cues (one cue per song) but if multiple cues in quick sequence, following a score, listening for called cues, or advancing presentation slides is necessary for the show, a dedicated projection operator is advisable.

For serious video design, Artist should engage a projection designer. Basic scaling, masking, and fades can be programmed by NS technical staff, but more elaborate design is outside of our staff's scope of work. NS is happy to connect interested Artists with freelancers that know our space.

# PROJECTOR

NS operates (1) Christie DHD951-Q

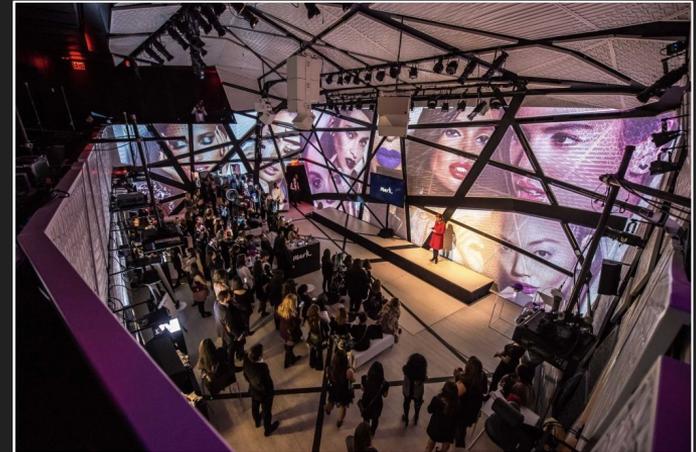
- Intensity of 8200 Lumens
- Output resolution of 1920x1080 at 60 Hz max (1080p60)

The projector is bolted to a platform on the rear wall of the performance hall, and may not be detached or rotated. There are two projection lenses available depending on the type of projection content. Larger projection setups and “wrap-mapping” require outside rental.



← House  
Projector w/  
standard lens)

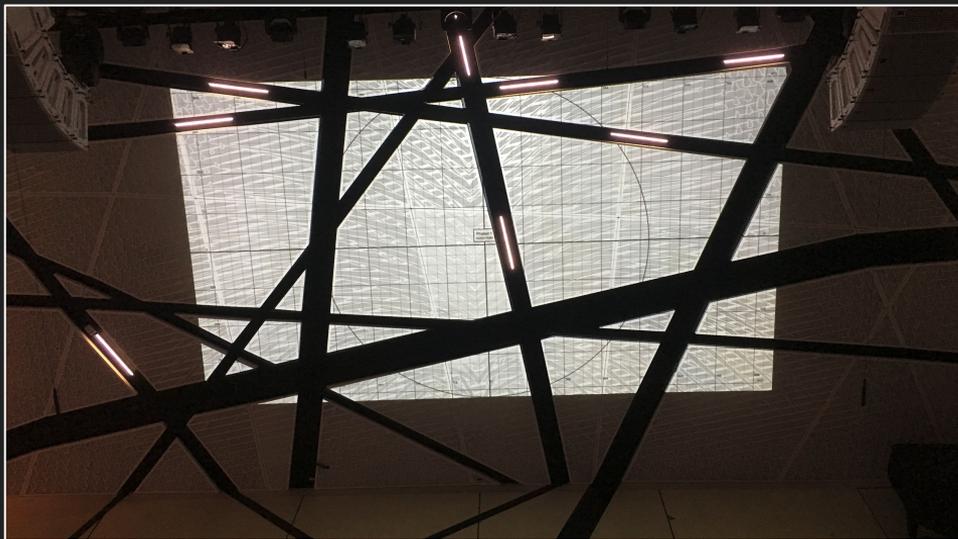
Additional →  
Rental of (3)  
10K projectors



# PROJECTOR LENSES

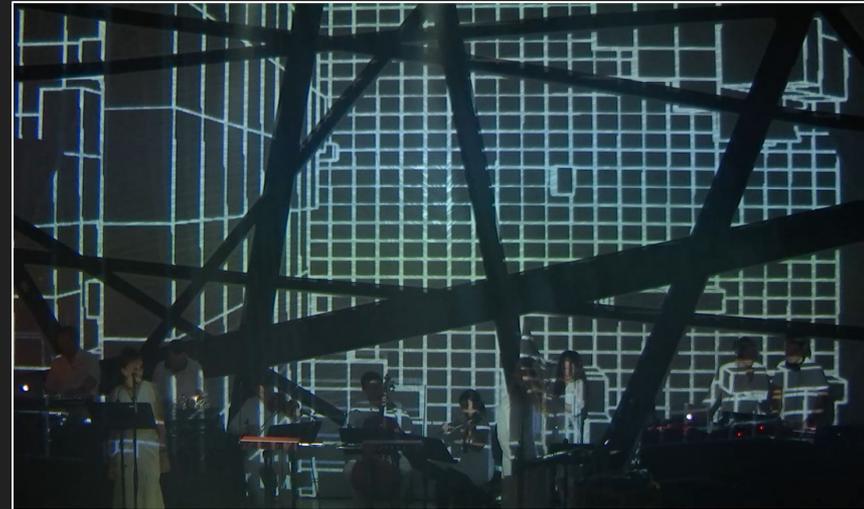
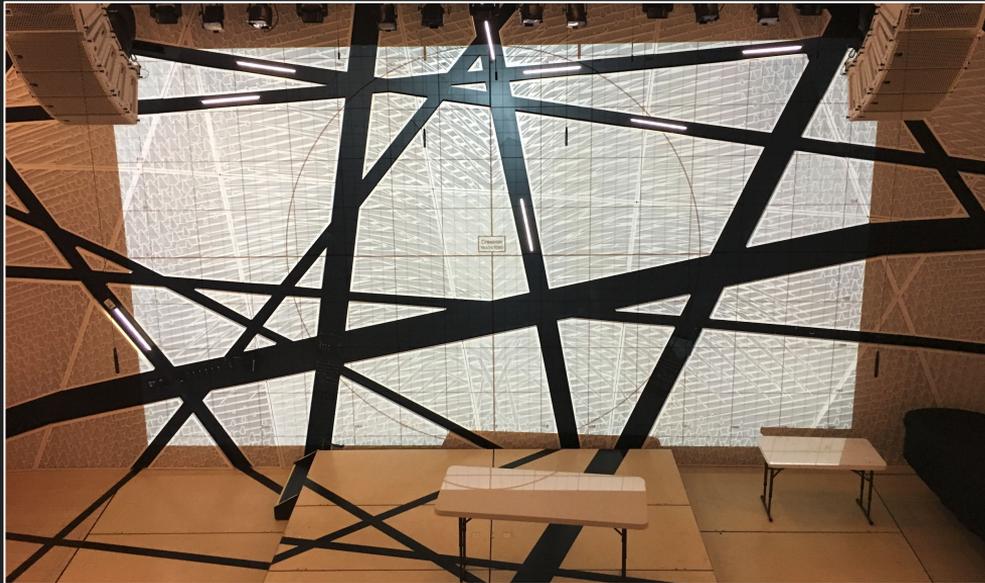
# STANDARD LENS (f1.2-1.8 zoom)

The standard lens is so called because it is recommended for most shows. Coverage in the default focus to the wall at maximum zoom-out is an area about 21'w x 12'h. The default focus of the projector encapsulates the maximum number of complete white wall panels on the widest zoom setting. The focus of the projector can be adjusted (shift, zoom & focus) for productions with different needs, but the house design files and projection masks are made for this focus.



# EXTRA SHORT THROW [XST] LENS (f0.8-1.1 zoom)

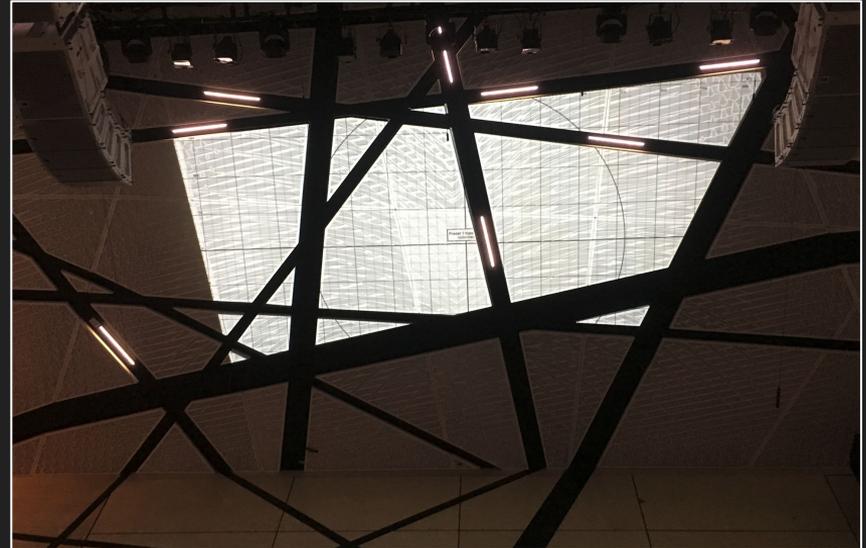
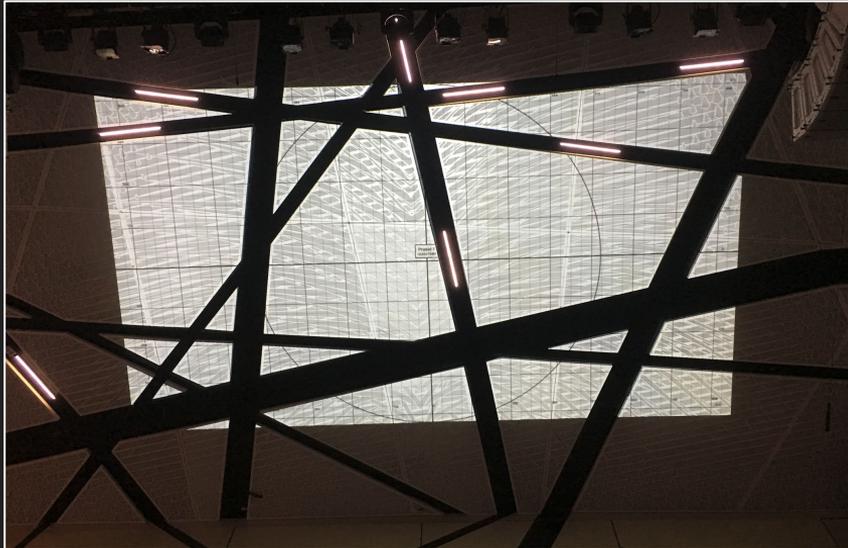
The XST lens allows the projector image to cover a larger area but with a corresponding decline in brightness. It is not recommended for general use as the projection image will appear quite faint unless little to no lighting is used, and the sharpness declines significantly at the edges of the image. This lens is recommended primarily for abstract content and washes. Coverage is approximately an area 36'w x 19'h.



**SURFACES**

# DIRECT-TO-WALL

Design templates for masking content to the shapes of the wall are available on request for projection designers, or masks can be applied in QLab for basic use. For best results, or when precision is required, content should be designed with the wall's shapes in mind, either in projection mapping software (MadMapper, Resolume, Disguise, Miilumin, etc) or with a mask "baked-in" to photo/video during editing.



# FIXED-FRAME PROJECTION SCREEN (16'W x 9'H)

The projection screen is not motorized, and cannot be changed mid-show.

Best for: Film, presentations, content created with the frame of a screen in mind



# PROJECTION DRAPE (~30'W x ~18'H)

The projection drape is dead-hung by hand and cannot be changed mid-show. Be advised that natural folding/creasing is likely to occur on the outer edges; it is not a seamless surface.

Best for: Large or abstract projections in near darkness

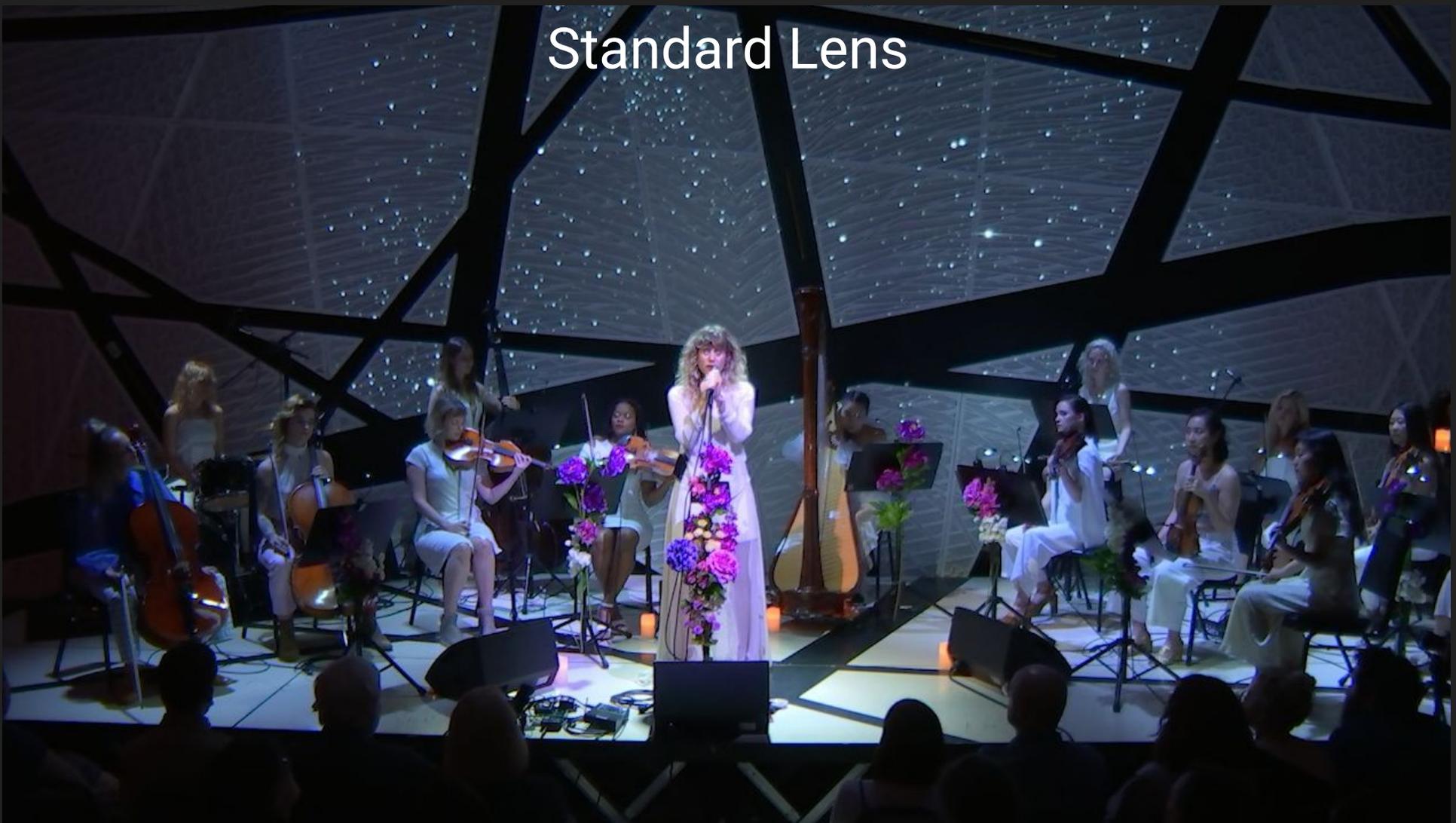


# SURFACES: Notes and recommendations

- NS's projection screen is not motorized, and cannot be changed mid-show. It takes 20 minutes with a clear stage for a crew of 3 to mount or strike.
- The screen hangs about 6' above the deck on a 12" stage (typical height for a seated show), so seated performers or smaller standing performers can fit underneath it. On a 24" stage (standing show), taller performers will be in the projection image and the upstage 1' becomes mostly unusable.
- Most shows with a few video clips, static images, or logos will want to project direct-to-wall.
- Most content looks good on the wall, with the exception of text (the uneven surface of the wall compromises text intelligibility) and faces shot in close-up (the black channels of the wall may run through eyes or other features).
- If your show requires the screen and projections don't run for the whole show, consider designing a logo or holding slide for the screen when content is not otherwise being projected.

**ADDITIONAL PHOTOS**  
direct-to-wall

# Standard Lens



# Standard Lens



# Standard Lens

THE  
REVOLUTION



# Standard Lens



# Standard Lens

MALAYA

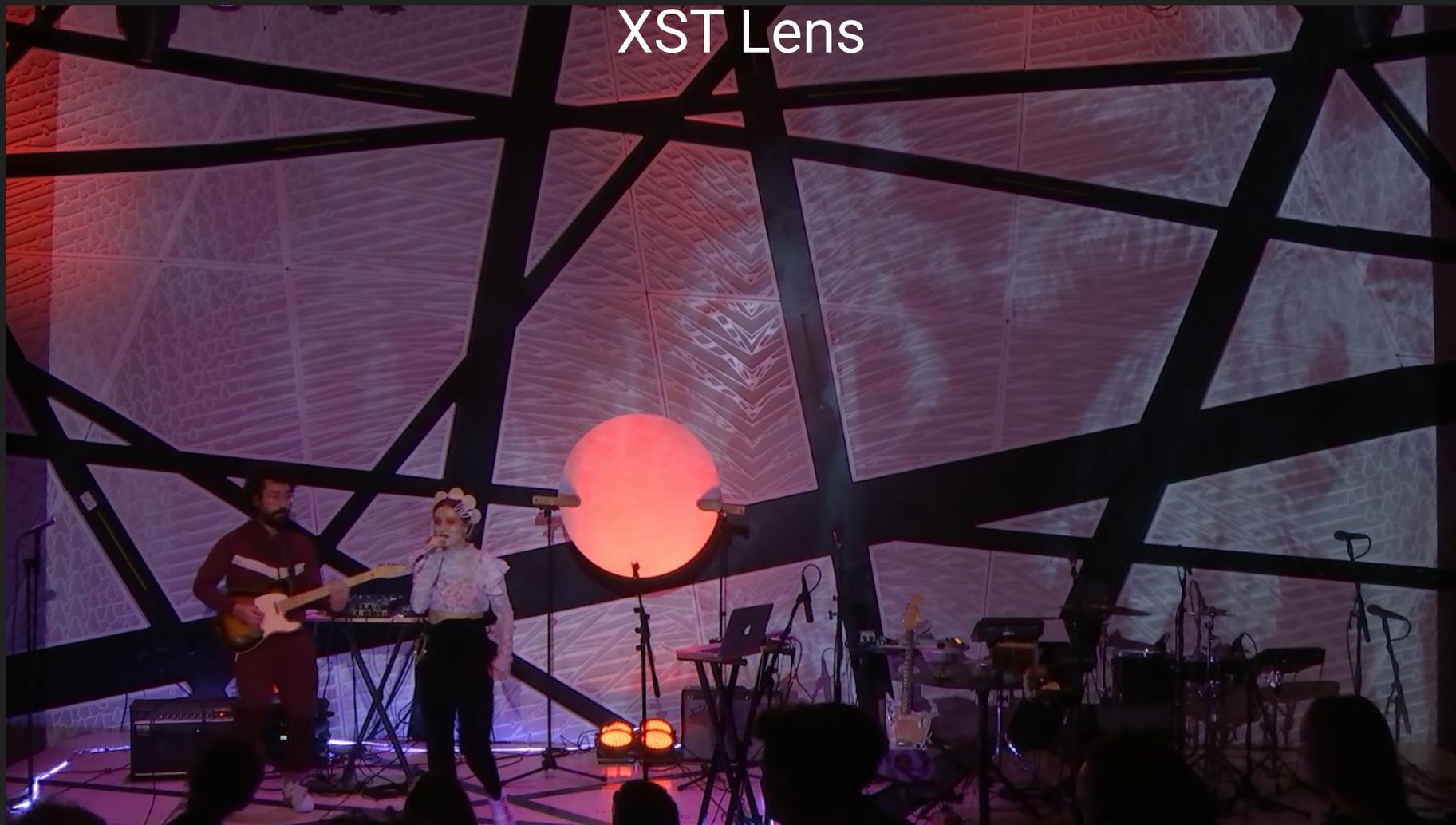
Vocalist Malaya feels at home in Brooklyn after a decade of musical journeys originating from the Zambales region of the Philippines, where she was born. Through performing a myriad of music that's richly influenced by traveling and singing as a soloist and member of vocal and chamber music ensembles, she organically developed into World Music, Jazz and Soul. One experiencing her music may conclude as **AXS'** Allen Foster would describe, "*...an incredible excursion that traveled both around the globe and through time...Her tone is a divine gossamer spun from opulent gold fibers, and her intimate style of delivery is utterly captivating.*"



# Standard Lens



# XST Lens



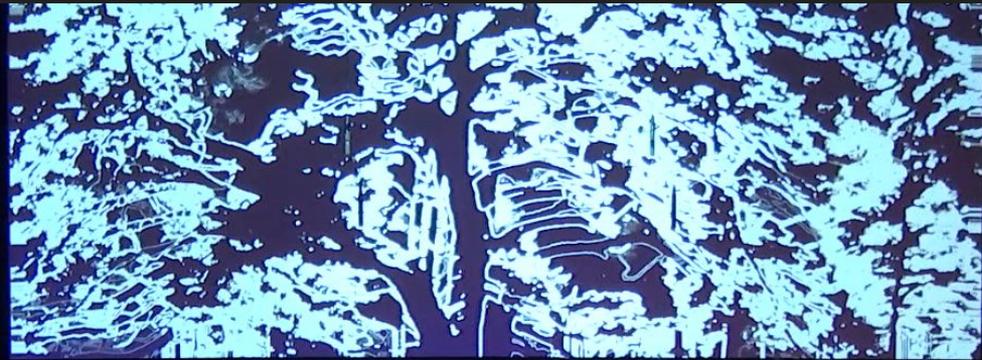
**ADDITIONAL PHOTOS**

fixed screen

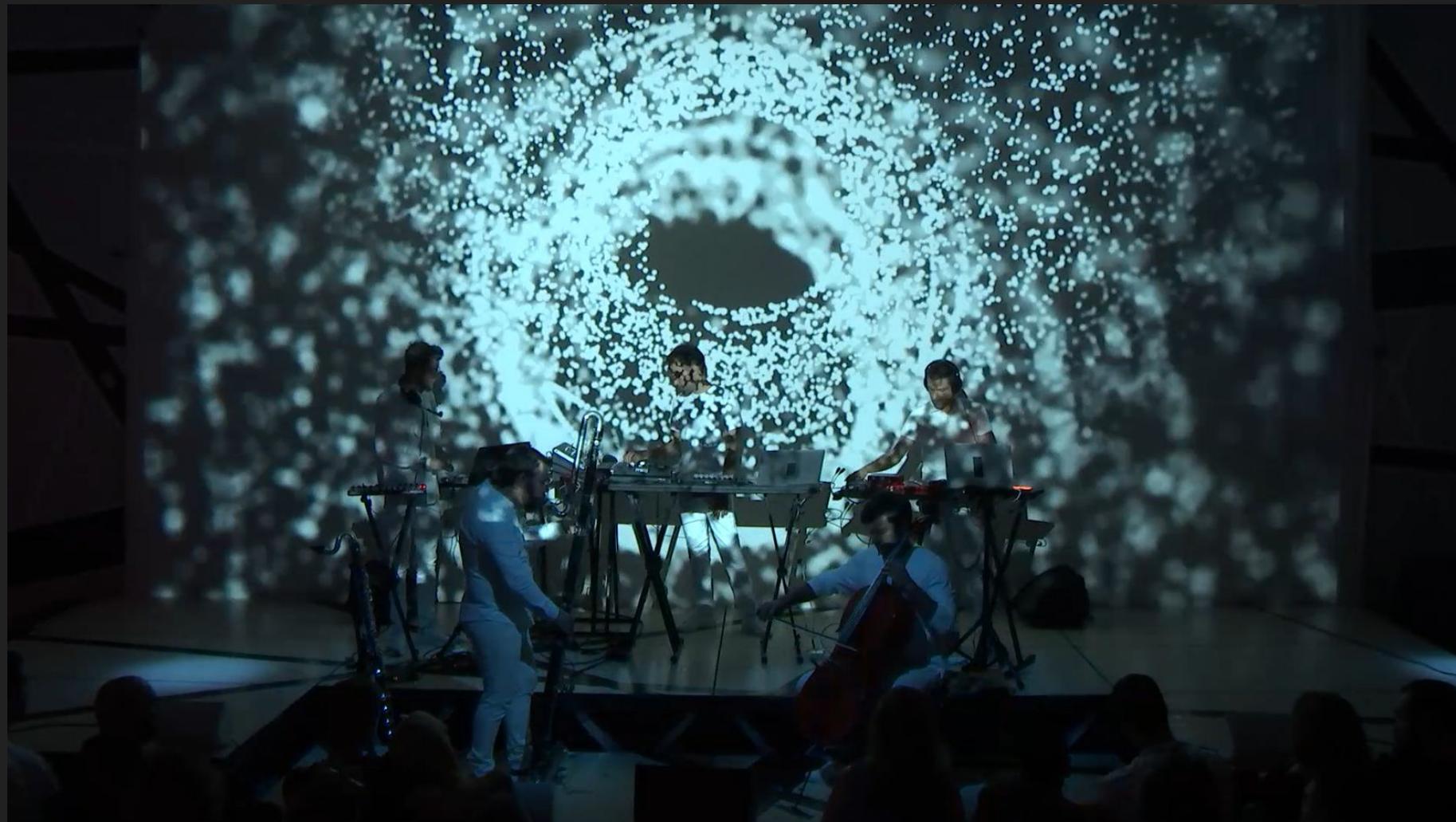


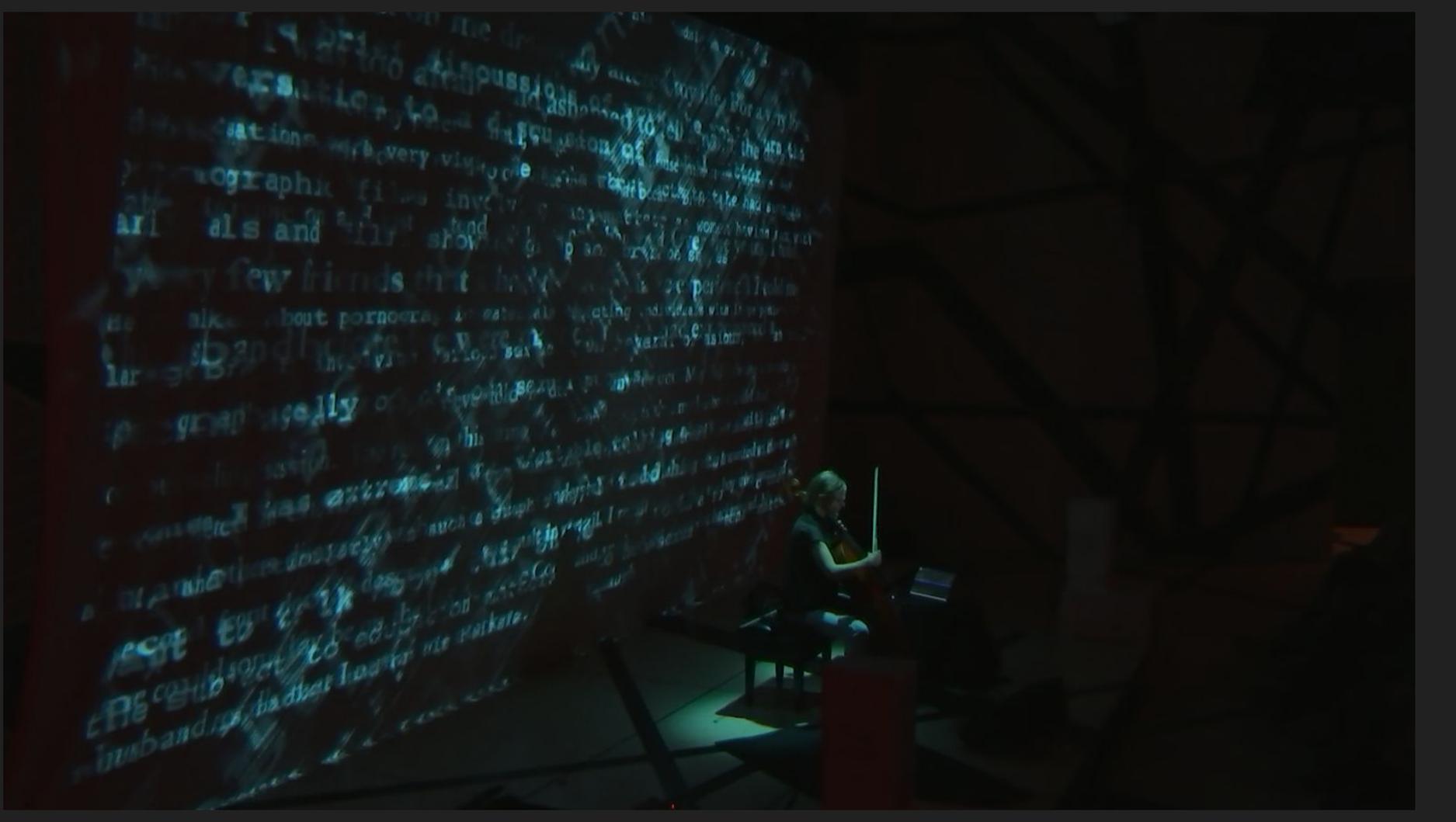






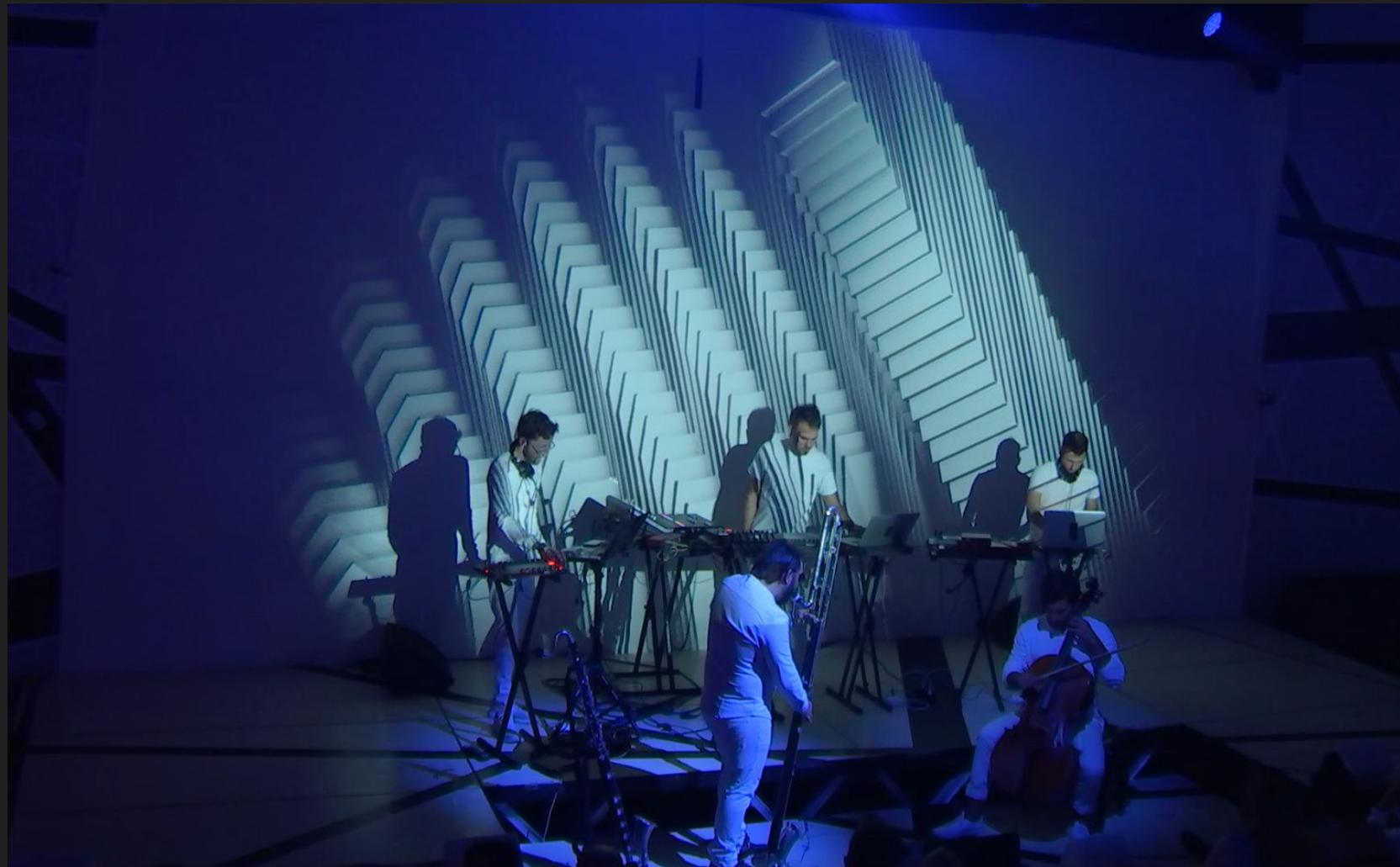
**ADDITIONAL PHOTOS**  
projection drape











**ADDITIONAL PHOTOS**  
surfaces mounted but unused







# Lighting-Only Visual Design

Lastly:

- Projections are not needed to create vivid visual elements for a show.
- Every National Sawdust show staffs a lighting designer, and our designers are experts at designing looks for our shows during soundcheck.
- Nearly all of the lighting looks in these slides and the following photos were created during soundcheck without additional design time.
- Input on color schemes, texture, and movement is welcome but not necessary.
- Notes to your LD can be entered in the Tech Doc for your show.

The following photos use only the house lighting instruments and their internal gobos









