



# Celestial Experiences

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an Interactive Stargazing Experience



# Celestial Experiences - an Interactive Stargazing Experience



Looking through a telescope is always a wondrous experience. Being guided by professional outreach astronomers and using advanced telescope equipment makes it even more impactful. Having this unique experience at a music festival is a magical, unexpected delight!



# Interactive Festival Astronomy Across the West Coast

At Celestial Experiences, professional astronomers and support crews are deployed to various West Coast festivals. With 9 years of experience at Griffith Observatory (2015) and Black Rock Observatory (2016), I have invited countless individuals to gaze at the stars with wonder.



Festival	Year(s)	Attendance
Lightning in a Bottle	2016	25k
Oregon Eclipse Festival	2017	70k
Desert Daze	2019	5k
Lucidity	2022-24	5k
June Jam	2022	2k
Burning Man	2022-24	80k
Nocturnal Wonderland	2023	30k
Texas Eclipse Festival	2024	40k



# Offer for Desert Hearts

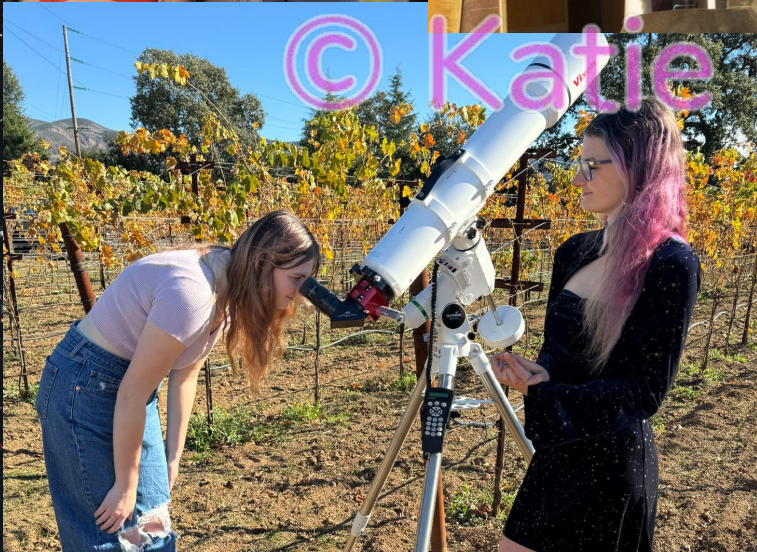
Nighttime Celestial Observations ☆ ☾ ✨  
20" - largest class of portable telescope  
Views of stars, nebulae, comets, and galaxies.

Expert Festival Astronomer and Telescope Operator, Katie Carolan  
Lead telescope operator at Black Rock Observatory for 8 years.  
Expertise in public, festival stargazing experiences.  
Griffith Observatory lead for nightly public observing program, year round.



Katie at Griffith  
Observatory







# Observation Timeline for Desert Hearts 2024

8pm-2am

STAR  
CLUSTER

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STAR  
CLUSTER

DOUBLE  
STAR

TARGETS	TIME
-sunset-	7:45pm
Bright Stars	8pm-8:45pm
Nebulae, Stars, & Star Clusters	8:45pm-2am

# Operations

## Observation

## Logistics

Gear	1 telescope
Hours	8pm-2am
Capacity	120 ppl/hour
Footprint	20' x 20'
Crew	2 on-duty

## Crew, 4 total

### Lead Astronomer

= Katie, runs telescope every night

Line Wrangling/Entertainment/Build

= 3 support crew

### Power

CeExp will supply 10 strands of red christmas lights @ 0.5 A each

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Celestial Experiences' wondrous and memorable exhibit is the perfect addition to the Desert Hearts Experience.

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We would love the opportunity to contribute to the immersive environment curated for your new dark-sky location at Playa Ponderosa.

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