



Fascinating drone light shows with AO Drones

THE MOST IMPORTANT FACTS AT A GLANCE

TO A HIGHER LEVEL

WOW-EXPERIENCES AT THE HIGHEST LEVEL

What we offer you



Fascination

Choreographies and unique storytelling in the night sky



Sustainability

Live event highlights, free from fine dust, noise and garbage



Innovation

Marketing communication with high media coverage



NEW WAY OF ENTERTAINMENT

The **advantages** of drone light shows



FASCINATION

Creativity, light and technology merge into a unique experience



INNOVATION

Technical progress and innovation become tangible



SUSTAINABILITY

No garbage
No fine dust
No noise



NOVELTY

Never before experienced show element surprises and enthuses the audience



SAFETY

Multi-redundant sensors, geofence and autopilot



CREATIVITY

Logos, fonts, shapes and colours.
Synchronous, dynamic and three-dimensional.

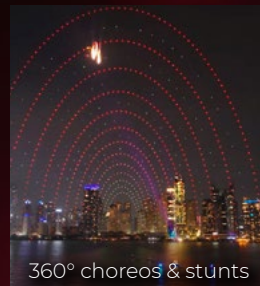
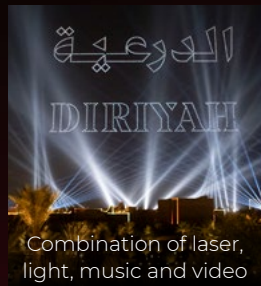
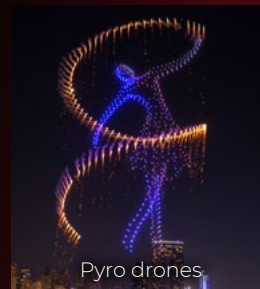
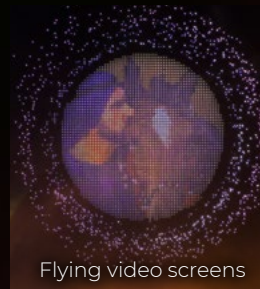
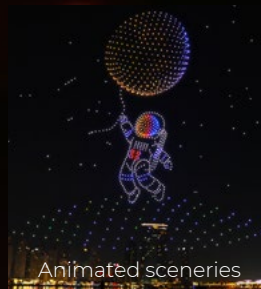
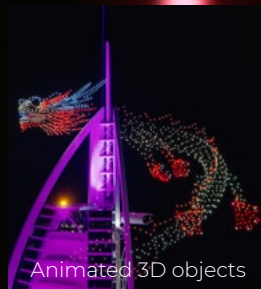
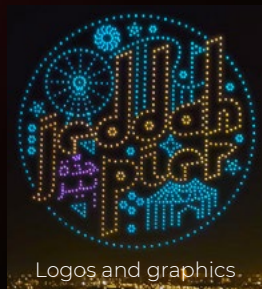
HIGHLIGHTS FOR EVERY EVENT

Fields of application



VARIETY IN THE SKY

Design examples



WE ACCOMPANY YOU FROM THE BEGINNING

The project **schedule**



- Wishes
- Ideas
- Feasibility
- Offer
- Order

Phase 1



- Location Check
- Approval procedure
- Detailed planning

Phase 2



- Show design
- Programming
- Visualization
- Revision

Phase 3



- Delivery
- Rehearsals
- Adjustments
- Show(s)

Phase 4



- Debriefing
- Evaluation
- Documentation
- Media review

Phase 5

BASIC REQUIREMENTS FOR A SUCCESSFUL DRONE LIGHT SHOW

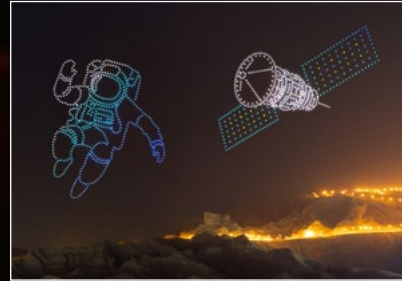
The 8 most important criteria

- 1 LEAD TIME**
1-3 months, depending on permits, scope and location
- 2 AUTHORISATION**
The consent of the responsible authorities is mandatory. We will gladly support you in this.
- 3 TAKE-OFF & LANDING ZONE**
Depending on fleet size: from 1 sqm/drone, max. gradient of 10°
- 4 GROUND PROPERTY**
Ideal: short lawn, dust-free paving, no coarse gravel or similar
- 5 SAFETY ZONE**
Empirical formula:
Flight altitude x 2 = necessary distance to the audience
- 6 RADIO & GPS SIGNAL**
Perfect radio and GPS reception for safe flight control
- 7 AIRSPACE**
Individual „location check“ clarifies the most important rules and restrictions
- 8 WEATHER**
No precipitation and maximum 10 m/s wind during the show

VISIONS AND WISHES BECOME VISIBLE

Visualization of the show contents

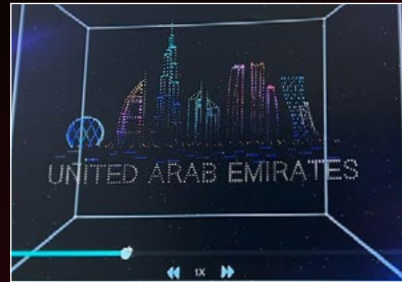
We enable the flexible creation of individual shows and coordinate content and procedure with you. With the help of advanced design software, including WYSIWYG 3D, we visualize and refine the programming and can give you insights at any time - as an image as well as a video preview.



Visualization as image



Realization live



Visualization as video



Realization live

WHEN THE QUANTITY MATTERS

Comparison of drone number and effect

The number of drones determines how detailed fonts and images can be displayed. The more drones, the more it is possible to work with 3D and with sophisticated animations. Here is an overview in comparison.



WHERE WE COME FROM

Over 30 years of expertise in outdoor light staging

AO Drones is a business unit of Arts Outdoor Lighting Multimedia Events and Drones, a multimedia specialist located in Germany and the UAE. AO developed the FALCON® series, the brightest searchlights in the world, and built a global company. Multimedia shows became AO's flagship products, such as 2000 Millennium Bell Berlin NYE, Katara Amphitheater Opening 2012, Burj Khalifa NYE 2018, 2019 & 2021, where light became an element alongside award-winning content, soundtrack and lasers. The Light Up 2018 show at Burj Khalifa was awarded the Guinness World Record for the largest light and sound show on a single building. Since 2019, drone light shows under the AO Drones brand have been part of AO's repertoire and includes clients like Adidas, Motorola, Xiaomi, Porsche, Dubai World Cup, Deutsche Telekom, Safaricom and several tourism, city and governmental entities. With our Night of the Dragon drone show at Burj Al Arab, we achieved the Guinness World Record as the largest 360° animation with drones around a building.



EVERY DRONE SHOW IS A UNIQUE OPPORTUNITY

That's why **AO Drones**

PROXIMITY

Our global locations enable simplified logistics & customs procedures. And we like it personal.

EXPERIENCE

We have been staging outdoor light shows and shaping the entertainment industry for over 30 years.

RELIABILITY

You can talk a lot. We also stick to it and act accordingly. Project management we can.

CONTACT TO AUTHORITIES

Direct contact with official decision-making bodies is the result of our many years of work.

QUALITY OF SERVICE

We take the time for you, your questions and wishes. What we do, we do with passion.

FULL-SERVICE

Design, planning, approval procedures and implementation - all from one source.

ADD-ONS

Multimedia productions with searchlights, laser show and video mapping

SCALABILITY

Show concepts for every budget. No project is too big. No project is too small.

CREATIVITY

A surprising idea remains the alpha and omega. We offer unique shows.

HARDWARE FOR UNCOMPROMISING SHOW CREATION

Numbers. Dates. Facts.

<p>1000s of Drones</p> <p>The control software developed for professional use can control thousands of drones simultaneously</p>	<p>6 - 10 m/s</p> <p>Maximum flight speed of fast formation flight</p>	<p>31 min</p> <p>Maximum flight time incl. take-off & landing phase.</p> <p>Ideal: 10-20 min/show.</p>	<p>6 cm</p> <p>Formation up to 6 cm accuracy</p>	<p>1400 lm</p> <p>Maximum luminous flux</p>
	<p>5.8G Wifi</p> <p>Network communication and multi-sensing redundancy</p>		<p>500 m</p> <p>Maximum flight altitude</p>	<p>16.7 Mio</p> <p>Colour gradations</p>

ON THE ROAD ALL OVER THE WORLD

Customers worldwide trust in the know-how of AO





GOOSEBUMPS EXPERIENCE





DRONES

Start now your
PROJECT REQUEST

