

ISLA ROYALE WHISKY



Redefining Visual Brilliance: Our LED Display Range

 PUFFERFISH®

Inspire.

Educate.

Entertain.

Contents

Transcend the ordinary	4-5
------------------------	-----

Introducing the PufferLED	6 – 7
---------------------------	-------

PufferLED range	8-15
-----------------	------

A world of support	16
--------------------	----

Magic delivered right out of the box with PufferOS	17
----------------------------------------------------	----

Bring your Pufferfish display to life with content that captivates	18
--------------------------------------------------------------------	----

Unleash your creativity with PufferPresent	19
--------------------------------------------	----

Unlock immersive experiences instantly	20
----------------------------------------	----

Designed just for you by PufferStudio	21
---------------------------------------	----

Together, let's captivate your audiences	22
------------------------------------------	----

Transcend the ordinary.

Become immersed in the captivating world of Pufferfish display solutions, trusted by organisations worldwide to engage and excite their audiences through striking visual experiences. Our industry-leading spherical and hemispherical displays seamlessly integrate cutting-edge LED technology, with our unique and dynamic software platform to provide solutions that captivate audiences.

Proprietary spherical and hemispherical digital displays

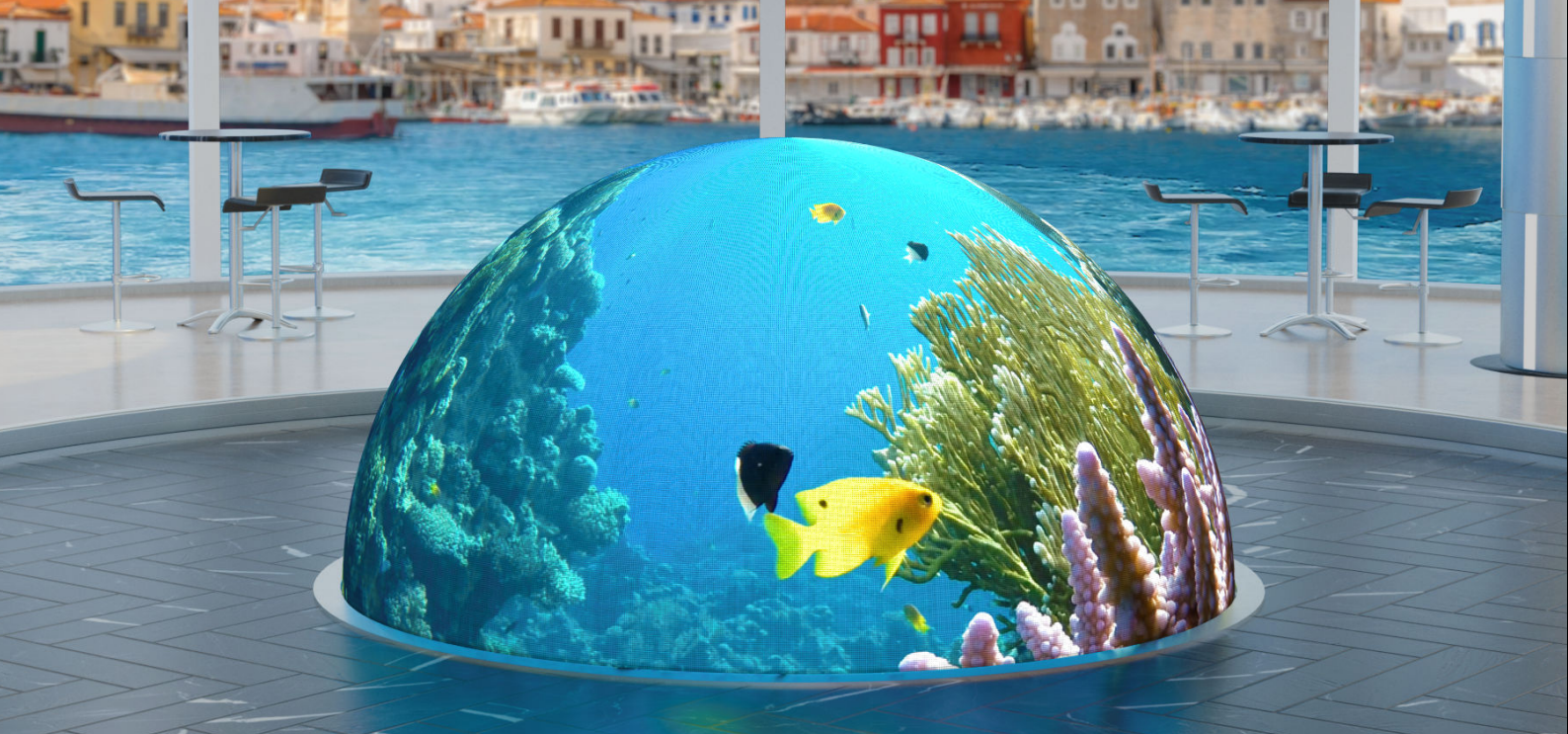
With over two decades of expertise, Pufferfish has refined the art and science of spherical display technology. Our latest range of LED displays stands at the forefront of innovation, delivering brilliant, immersive visuals that serve as the ideal canvas for your brand, visuals or message.

Intuitive operating software

Seamlessly navigate through set up and management of your display using our intuitive software, PufferOS, pre-installed on every display to ensure a working solution right out of the box

Visual narrative excellence

Our sophisticated hardware is your starting point, and a suite of software and content options awaits to bring your unique message or visuals to life with style and impact. Whether you wish to select from our pre-designed content library, use our tools to design your own professional-grade content, or engage our team of skilled designers to produce bespoke creations for you, we offer a solution for every need.



Research-backed benefits

Scientific research has shown that spherical and hemispherical displays provide unique characteristics that enhance perception and surpass traditional alternatives in their ability to hold audience attention. Combining the alluring nature of the sphere with captivating content delivers a powerful tool for engaging and astonishing audiences for extended periods.

Trusted by global titans

Pufferfish is the trusted choice for international icons in visitor attractions, corporate organisations, science communication, education, entertainment and retail. Join the likes of NASA, Google, Amazon, BBC, and Sony and many more, who have already leveraged our technology to transform their spaces and narratives.

Let's ignite inspiration on a global scale

Robust shipping cases, and ease of transport and installation, make Pufferfish products the most mobile spherical displays on the market, enabling us to deliver captivating visual experiences right across the globe. Contact us today to explore a new dimension.

When it comes to captivating an audience with Pufferfish, there are no limits.



Introducing the LED range.

Our LED range is our brand new collection of displays that captivate audiences with remarkable brightness, delivering impactful experiences in a wide range of environments. With cutting-edge LED technology and powered by our intuitive PufferOS software, our four LED displays are designed to stand out, offering unmatched versatility, visual quality, and effortless control:

PufferAurora: A versatile hanging or floor standing spherical display, available in 1 metre and 1.2 metres sizes* that is suitable for smaller spaces and intimate experiences.

PufferSolaris: Our largest hanging or floor standing spherical display, available in 1.5 metres, 1.8 metres and an impressive 2 metres*, that is perfect for large-scale, high-impact installations that leave a lasting impression.

PufferNova: A versatile hemispherical floor-standing, floor-mounted or ceiling mounted display, available in 1 metre and 1.2 metre sizes*, suitable for smaller spaces where you want people to look down on your content.

PufferNebula: A sleek, wall-mounted hemispherical LED display, available in 1 metre and 1.2 metre sizes*, perfect for modern interior spaces or dynamic visual installations where you want to provide a window into another world.

*other sizes available on request

The LED Difference.

Our experts meticulously apply our advanced anti-aliasing solution to every LED screen, ensuring a flawlessly seamless picture across all panels. Whether you're setting up a stunning display, delivering a polished presentation, or creating an engaging exhibit, our LED displays offer exceptional ease of use and outstanding performance, making your visual projects shine. Engineered for the modern world, our LED displays combine dazzling performance with remarkable energy efficiency.

Shining bright in any setting

Our LED displays are suitable for dull or bright environments. Thanks to superior LED technology, they provide vivid, crystal-clear images even in outdoor settings.

Immersive Visual Quality

With fantastic image resolution and pixel density, our LED displays offer sharp, detailed visuals with consistent brightness and colour accuracy across the entire screen.

Durability and Longevity

Built to endure continuous use, our LED range is robust, reliable, and designed for minimal upkeep, making it a cost-effective solution for long-term installations.

Energy Efficiency

In addition to delivering stunning visuals, our LED displays are designed with energy efficiency in mind. Consuming significantly less power than alternatives, especially in large-scale installations or extended use, our LED products help reduce operational costs and provide a greener, more sustainable solution for your visual needs.

Flexible Installation Options

Our LED products offer unmatched installation flexibility. Whether mounted on the wall, floor, or ceiling, or used as a standalone centrepiece, each product is designed to integrate seamlessly into your display environment.

ISLA ROYALE WHISKY



PufferAurora

A versatile hanging or floor standing spherical display, available in 1 metre and 1.2 metres sizes* that is suitable for smaller spaces and intimate experiences.

Our full range of options (Prices are excluding warranty and support.)

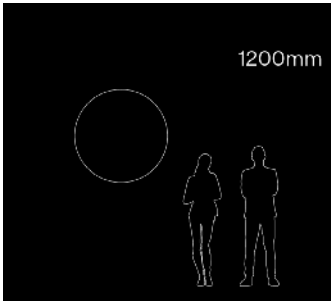
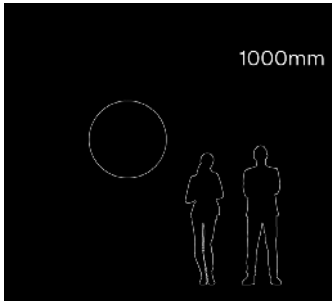
1000mm screen	From £14,999
----------------------	--------------

1200mm screen	From £19,999
----------------------	--------------

*Other custom sizes, up to 1.4 metres, available upon request.

PufferAurora

TECHNICAL SPECIFICATION



GENERAL

SCREEN DIAMETER	1000mm	1200mm
SURFACE AREA	3.13m ²	4.51m ²
PIXEL PITCH	P1.8	P1.8
BRIGHTNESS	800 nits	800 nits
VERTICAL LENGTH	3.14m	3.77m
PIXELS (INPUT)	736 x 818 px	883 x 982 px
TOTAL PIXELS (INPUT)	1,361,152	1,955,983
ON SPHERE PIXELS	869,444	1,252,000
WEIGHT (SCREEN)	93.9kg	135.2kg

ELECTRICAL

SERVER SPECIFICATION	1U 19 inch rack mount server	1U 19 inch rack mount server
POWER	626w	901w

INSTALLATION

MOUNTING	Floor, ceiling	Floor, ceiling
SERVER	Optional satellite server	Optional satellite server
BUILD AND INSTALLATION	Self install	Self install
DEPLOYMENT	Pre-assembled	Pre-assembled

SOFTWARE

OPERATING SYSTEM	Windows 11 Pro, PufferOS	Windows 11 Pro, PufferOS
SOFTWARE	PufferPlay, PufferPresent	PufferPlay, PufferPresent

NETWORK

IEEE802.3 and IETF standards: 10/100 Base-T, IPv4/IPv6, TCP, UDP, RTSP, ICMP, SNMP, HTTP, DHCP

SHIPPING

CRATES NO.	1	1
DIMENSIONS	1.2 x 1.2 x 1.57m	1.37 x 1.37 x 1.82m
SHIPPING WEIGHT	220kg	250kg



PufferSolaris

Our largest hanging or floor standing spherical display, available in 1.5 metres, 1.8 metres and an impressive 2 metres*, that is perfect for large-scale, high-impact installations that leave a lasting impression.

Our full range of options (Prices are excluding warranty and support.)

1500mm screen	From £34,999
----------------------	--------------

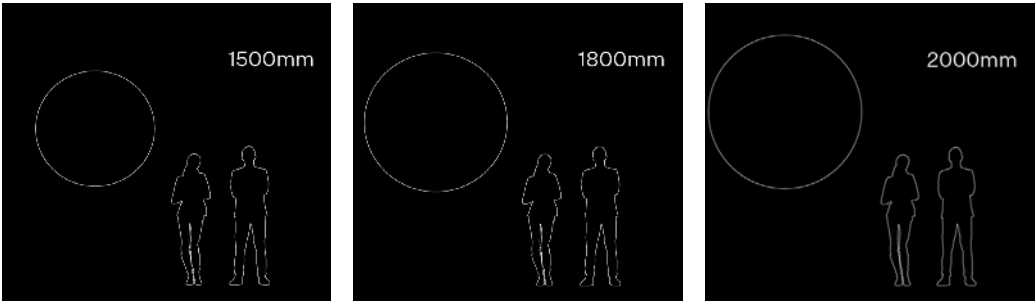
1800mm screen	From £49,999
----------------------	--------------

2000mm screen	From £64,999
----------------------	--------------

*Other custom sizes, up to 3 metres, available upon request.

PufferSolaris

TECHNICAL SPECIFICATION



GENERAL

SCREEN DIAMETER	1500mm	1800mm	2000mm
SURFACE AREA	7.04m²	10.14m²	12.52m²
PIXEL PITCH	P1.8	P1.8	P1.8
BRIGHTNESS	800 nits	800 nits	800 nits
VERTICAL LENGTH	4.71m	5.65m	6.28m
PIXELS (INPUT)	1,227 x 2,454 px	1,472 x 2,945 px	1,636 x 3,272 px
TOTAL PIXELS (INPUT)	3,011,058	4,335,924	5,352,992
ON SPHERE PIXELS	1,956,250	2,817,000	3,477,000
WEIGHT (SCREEN)	211.3kg	304.3kg	375.6kg

ELECTRICAL

SERVER SPECIFICATION	i7, 13th Gen, 1TB, RTX4070, 16GB	i7, 13th Gen, 1TB, RTX4070, 16GB	i7, 13th Gen, 1TB, RTX4070, 16GB
POWER	1,409w	2,028w	2,504w

INSTALLATION

MOUNTING	Floor, ceiling	Floor, ceiling	Floor, ceiling
SERVER	Satellite server	Satellite server	Satellite server
BUILD AND INSTALLATION	Pro AV	Pro AV	Pro AV
DEPLOYMENT	Build onsite	Build onsite	Build onsite

SOFTWARE

OPERATING SYSTEM	Windows 11 Pro, PufferOS	Windows 11 Pro, PufferOS	Windows 11 Pro, PufferOS
SOFTWARE	PufferPlay, PufferPresent	PufferPlay, PufferPresent	PufferPlay, PufferPresent

NETWORK

IEEE802.3 and IETF standards: 10/100 Base-T, IPv4/IPv6, TCP, UDP, RTSP, ICMP, SNMP, HTTP, DHCP

SHIPPING

CRATES NO.	1	2	2
DIMENSIONS	1.72 x 1.72 x 2.1m (LWH)	1.9 x 1.2 x 1.3m (LWH)	2.1 x 1.4 x 1.5m (LWH)
SHIPPING WEIGHT	410kg	530kg	650kg



PufferNova

A versatile hemispherical floor-standing, floor-mounted or ceiling mounted display, available in 1 metre and 1.2 metre sizes*, suitable for smaller spaces where you want people to look down on your content.

Our full range of options (Prices are excluding warranty and support.)

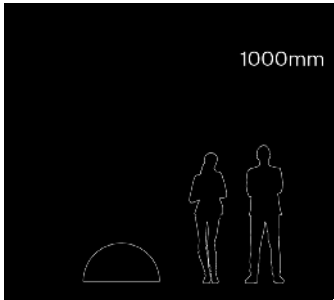
1000mm screen	From £9,999
----------------------	-------------

1200mm screen	From £13,999
----------------------	--------------

*Other custom sizes, up to 1.4 metres, available upon request.

PufferNova

TECHNICAL SPECIFICATION



GENERAL

SCREEN DIAMETER	1000mm	1200mm
SURFACE AREA	1.57m ²	2.25m ²
PIXEL PITCH	P1.8	P1.8
BRIGHTNESS	800nits	800nits
VERTICAL LENGTH	3.14m	3.77m
PIXELS	832 x 832 px	832 x 832 px
TOTAL PIXELS (INPUT)	692,224	692,224
ON SPHERE PIXELS	434,722	626,000
WEIGHT (SCREEN)	47kg	67.6kg

ELECTRICAL

SERVER SPECIFICATION	1U 19 inch rack mount server	1U 19 inch rack mount server
POWER	313w	451w

INSTALLATION

MOUNTING	Floor, ceiling	Floor, ceiling
SERVER	Optional satellite server	Optional satellite server
BUILD AND INSTALLATION	Self install	Self install
DEPLOYMENT	Pre-assembled	Pre-assembled

SOFTWARE

OPERATING SYSTEM	Windows 11 Pro, PufferOS	Windows 11 Pro, PufferOS
SOFTWARE	PufferPlay, PufferPresent	PufferPlay, PufferPresent

NETWORK

IEEE802.3 and IETF standards: 10/100 Base-T, IPv4/IPv6, TCP, UDP, RTSP, ICMP, SNMP, HTTP, DHCP

SHIPPING

CRATES NO.	1	2
DIMENSIONS	1.2 x 1.2 x 1.57m (LWH)	1.37 x 1.37 x 1.82m (LWH)
SHIPPING WEIGHT	220kg	250kg



PufferNebula

A sleek, wall-mounted hemispherical LED display, available in 1 metre and 1.2 metre sizes*, perfect for modern interior spaces or dynamic visual installations where you want to provide a window into another world.

Our full range of options (Prices are excluding warranty and support.)

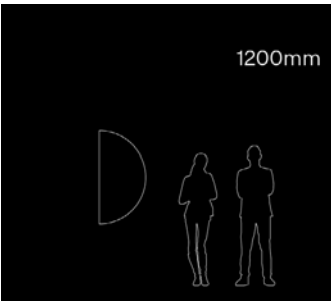
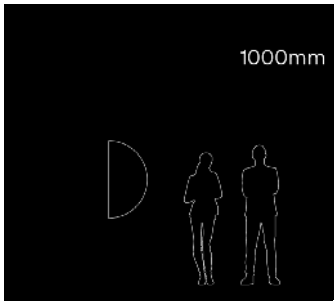
1000mm screen	From £9,999
----------------------	-------------

1200mm screen	From £13,999
----------------------	--------------

*Other custom sizes, up to 1.4 metres, available upon request.

PufferNebula

TECHNICAL SPECIFICATION



GENERAL

SCREEN DIAMETER	1000mm	1200mm
SURFACE AREA	1.57m ²	2.25m ²
PIXEL PITCH	P1.8	P1.8
BRIGHTNESS	800 nits	800 nits
VERTICAL LENGTH	3.14m	3.77m
PIXELS	832 x 832 px	832 x 832 px
TOTAL PIXELS (INPUT)	692,224	692,224
ON SPHERE PIXELS	434,722	626,000
WEIGHT (SCREEN)	47kg	67.6kg

ELECTRICAL

SERVER SPECIFICATION	1U 19 inch rack mount server	1U 19 inch rack mount server
POWER	313w	451w

INSTALLATION

MOUNTING	Wall	Wall
SERVER	Optional satellite server	Optional satellite server
BUILD AND INSTALLATION	Self install	Self install
DEPLOYMENT	Pre-assembled	Pre-assembled

SOFTWARE

OPERATING SYSTEM	Windows 11 Pro, PufferOS	Windows 11 Pro, PufferOS
SOFTWARE	PufferPlay, PufferPresent	PufferPlay, PufferPresent
NETWORK	IEEE802.3 and IETF standards: 10/100 Base-T, IPv4/IPv6, TCP, UDP, RTSP, ICMP, SNMP, HTTP, DHCP	

SHIPPING

CRATES NO.	1	2
DIMENSIONS	1.2 x 1.2 x 1.57m (LWH)	1.37 x 1.37 x 1.82m (LWH)
SHIPPING WEIGHT	220kg	250kg

A world of support.

When you invest in our state-of-the-art displays, we're committed to providing you with a seamless, secure, and enjoyable experience. As such, our range of warranty and support packages is designed to meet diverse needs, allowing you to choose the option that best suits your requirements.

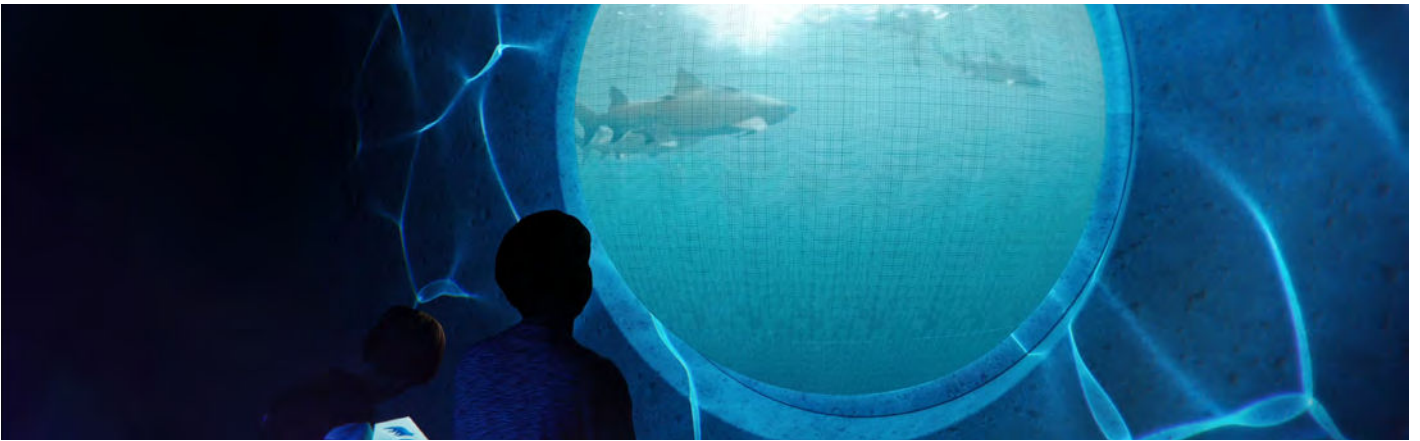
This isn't just support; it's a partnership, a commitment to your goals and peace of mind. It adds an extra layer of protection to your purchase, safeguarding against the unexpected and ensuring that your visual spectacle remains uninterrupted.

PufferSupport is here for you. We're ready to assist in any way needed to ensure your display operates flawlessly, delivering the captivating experience your audience expects.

	Essentials+ Less than 1.5m £1,500	Essentials+ 1.5m and above £3,000
Manufacturer's warranty	✓	✓
Software updates	✓	✓
Three years return to base	✓	✓
Technical support	✓	✓
Advanced component replacement	—	—
Spare LED Panel Pack	✓	✓
LED Pack Refresh	✓	✓

*If any LED panel should fail, you can easily hot swap without any tools. Just return the old panel to us and we will provide you with a spare (up to a maximum of 6)

Magic delivered right out of the box with PufferOS.



PufferOS, the foundational platform for all applications that run on our spherical displays, comes pre-installed on every LED range display, ensuring captivating and captivating experiences can be enjoyed within minutes of unboxing.

This innovative proprietary software, exclusively compatible with Pufferfish solutions, integrates your LED display with external control capabilities, making it an essential and powerful component of the complete ecosystem.

One of the standout features of PufferOS is its ability to enable quick and effortless setup. The user-friendly interface, PufferConsole, enables users to navigate easily through a wide range of applications, from engaging presentations to data visualisations and immersive simulations, and to launch content directly from their phone, tablet or desktop.

PufferOS is finely tuned to harness the full potential of the LED range, providing users with a streamlined interface for interacting with content. With this foundation, the LED range truly becomes a canvas for unlimited creativity and engagement, without the need for technical expertise.

Bring your Pufferfish display to life with content that captivates.

Our sophisticated displays serve as the foundation, but it is the carefully-crafted content that will engage your audience and deepen their connection with your message. With the powerful PufferOS as the driving force, every display is equipped to deliver a comprehensive suite of software and content options to inspire, educate and entertain.

For instant impact, elevate your narrative by choosing from our curated library of ready-made applications that deliver high performance content on a wide range of popular subjects.

Alternatively, wield the power of the intuitive PufferPresent tool to craft your own professional-grade presentations and content, ensuring a personal touch that aligns perfectly with your vision. PufferPresent is included with every purchase of the LED range, with access provided for the duration of your warranty.

For occasions when a narrative needs to be told in a truly extraordinary way, leverage the expertise of our team of skilled creatives and software designers to create custom content. They will collaborate closely with you to deliver singular applications that are tailor-made exclusively for your story and which will leave a lasting impression on your audience.

What we offer to bring your LED range to life:

01 Self-build content tool

PufferPresent

02 Ready-made applications

OurPlanet and Our Universe

03 Our expert-created custom content

PufferStudio



01 — Self-build content tool

Unleash your creativity with PufferPresent.

Included with the purchase of your Pufferfish LED display, PufferPresent is a powerful and intuitive software solution designed to help you create visually stunning and immersive presentations specifically for spherical displays. With PufferPresent, you can easily craft impactful, 360-degree presentations that take full advantage of the Sphere's unique format, transforming complex data, global maps, and dynamic visualisations into engaging, interactive experiences.

PufferPresent simplifies the presentation creation process, with the desktop authoring application allowing you to quickly build and customise content through its user-friendly interface. The software supports a wide range of media formats, including images, videos, and interactive data sets, ensuring that your presentations are as versatile as they are captivating.

A standout feature of PufferPresent is its presenter mode, which offers seamless control over your content through mobile devices, tablets, or external touch kiosks. This mode empowers presenters and users to interact with and manage their presentations in real time, providing a dynamic, hands-on experience for both the presenter and the audience. Whether you're delivering a presentation at a conference, museum, or corporate event, PufferPresent ensures that you have complete control of your content at your fingertips.

Unlock immersive experiences instantly.

Effortlessly embark on new visual and interactive odysseys with Pufferfish's range of pre-packaged content, which allow audiences to delve deeper into subjects of critical importance.

Created meticulously by our team of skilled software developers and graphic designers, each application combines stunning motion graphics with captivating data visualisation, ensuring an experience that is not just informative, but an immersive experience of engaging splendour.

Our suite of ready-made content packages is constantly evolving, and our talented team are regularly making new additions to the existing selection. Our website provides a comprehensive list of packages currently available across our range of displays, and here is just a taster of our flagship content designed to captivate audiences on the LED range.



OurPlanet

With OurPlanet you have access to a diverse collection of presentations on our home, Planet Earth. Designed by our expert team, learn all about our oceans and our geological evolution. Take a fascinating journey back in time to discover the truly incredible forces which shape our planet.



OurUniverse

With OurUniverse, users embark on a captivating journey through space. Featuring original motion graphics, OurUniverse combines movement, colour, interaction, touch, and music to curate an immersive experience on our Solar System. Gain a greater understanding of the wonders of space and the sheer scale of the Universe.



03 — Our expert-created custom content

Designed just for you by PufferStudio.

At Pufferfish, we champion the belief that uniqueness is to be celebrated, and we're not confined to a one-size-fits all approach. Each story is inherently unique, deserving of a treatment as distinctive as the narrative itself.

With great respect for the individuality of your message, PufferStudio's talented team of software designers and graphic artists excel in crafting bespoke content that is not just tailored, but a singular masterpiece that reflects your specific needs and aspirations.

Our design team at PufferStudio boasts a rare blend of both creativity and technical expertise that allows us to develop visually stunning content with impressive usability, designed meticulously to resonate with your audiences. This dynamic combination empowers you to captivate, engage and educate with unparalleled impact.

With PufferStudio, the outcome is not just great content, but an authentic captivating experience, weaving compelling content, to ensure that your message etches a lasting and memorable impression on your audience.

Together, let's captivate your audiences.

T +44 (0) 131 668 3360

E info@pufferfishdisplays.com

When you choose Pufferfish, you're not just choosing a display. You're also becoming part of a community of like minded individuals who want to push boundaries and transcend the ordinary.

Our experienced sales team is your first point of contact in this exciting adventure, ready to guide you through the range of possibilities that Pufferfish offers. Whether you are intrigued by a specific display or content solution, our team can arrange online demonstrations to provide you with a virtual experience of the magic that awaits. Witness the captivating allure of our technology, all from the ease of your location.

If you prefer an in-person experience, we warmly invite you to our UK headquarters, where you can not only view but interact with our displays, immersing yourself in the sensory delights and innovative features of each display. For those who are unable to visit; our team can direct you to the nearest Pufferfish display to you, allowing you to experience the magic up close and personal.

Get in touch with our sales team today, to explore together how Pufferfish can help you not just tell a story, but give your audiences unparalleled levels of engagement and fascination.

Inspire. Educate. Entertain.



Our products are used and trusted by:

