

The Pufferfish

# PufferSphere<sup>®M</sup>

Technical Specs

## PufferSphere Hardware

Hardware	Dimensions/Specification			
Screen Diameter	600mm	900mm		
Overall Height (including screen)	1474mm	1774mm		
Base Dimensions	874mm(H) x 345mm(W) x 350mm(D)			
Base Unit Dimensions w/enclosure	884mm(H) x 619mm(W) x 358mm(D)			
Overall Weight	64.1 Kg	74.3kg		
Screen Weight	9.4Kg	19.4kg		

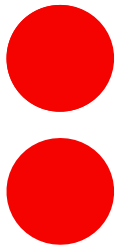
PufferSphere Spherical Screens	
HardBalls	High contrast acrylic screen with Filmscreen coating
Screen Colours	Midnight Black ( + options on request)

## Optics System

Component/Feature	Specification
Lens	Pufferfish SuperUmami Lens (cropped SXGA+ 1050 X 1050)
Projector Quality	Projection Design F32
Projector Light Output	7500 - 8000 ANSI Lumens
Contrast Ratio	7500 : 1 (Full Field)
Minimum Text Pixel Size	13 Pixels
Lamp Warranty	2000 Hrs
Lamps	2 x 300 W

Pufferfish Ltd, 252 Causewayside, Edinburgh, Scotland, UK, EH9 1UU  
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Pufferfish<sup>®</sup> and PufferSphere<sup>®</sup> are Registered UK Trade Marks of Pufferfish Ltd. Registration Nos. 2445143 and 2445137.  
International PCT Patent Application No. PCT/GB2007/004564 has been filed for the PufferSphere and claims priority from GB 0623730.9.



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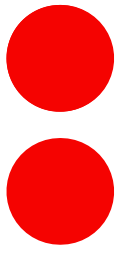
Viewing Distance	0 < 200+ metres
Orientation	Upright, Inverted or Wall Mounted
Rigging Method (for inversion, wall-mounted)	Customizable
Set Up Time (unrigged)	Approx. 20 minutes
Set Down Time (unrigged)	Approx. 20 minutes
Operating Noise (Projector)	39 dBa @1m distance

Video Input Connections	
DVI	Standard
5 Cable BNC	Standard
HDMI	Standard

Projector Control Inputs	
Remote XLR (3 pin)	Standard
InfraRed	Standard

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Power	
Projector Power Consumption	1.6 kWatts
Projector Line Voltage	100 - 240 V @ 50-60Hz
Projector Power Supply	13/16 Amp - as specified
Power Requirements	Clean, stable power supply: no spikes. RCD Protected

PufferSphere Environmental Guidelines	
Rain	Indoor use only
Electric Storms	Do NOT use
Ambient Light	The Puffer M 900 and 600 will perform well in ambient light up to 2000 lux
Direct/Spot Lighting	No spots or directional lighting on the projection area
Screen Fire Certificate	Meets appropriate standards - please ask

Projector Environmental Guidelines	
Projector Operating Temperatures	0-40°C / 32-104°F

### Systems Integration

The PufferSphere M is compatible with a wide range of media players, from laptop PCs to digital signage systems.

Pufferfish provide comprehensive systems integration consultancy and services, ensuring smooth, hassle-free integration of the PufferSphere with your existing/preferred systems.

Your media player should match the native resolution of the display's projector, this is 1400x1050.

The Puffersphere M is designed with room for VIDEOwARP box, Mac Mini, Shuttle PC.

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