



dimension

MRMC globalises volumetric video capture with the revolutionary 'Polymotion Stage'

*****EMBARGO: 12:00 BST, 18TH JULY 2019*****

MEDIA LINK/ASSETS: [HERE](#)

In a transformative move for the world of entertainment, sports and digital media production, today Mark Roberts Motion Control (MRMC), a Nikon Company, proudly unveiled Polymotion Stage, a state-of-the-art mobile solution for high-quality volumetric video capture (3D video) and avatar creation.

MRMC, world leaders in camera robotics and automated broadcast solutions, has teamed up with Dimension, leaders in volumetric capture and advanced virtual humans, and launched Polymotion Stage and introduce the world's first mobile multi-solution volumetric capture studio.

Providing a unique studio environment for the creation of volumetric video, stills and avatars, Polymotion Stage is available as a Stage Dome or as a convertible Stage Truck solution, and can be transported globally to wherever the talent is such as film sets and sports arenas, enabling the quick and efficient volumetric capture of talent and artists on location.

Inside these soundproofed capture stages, 106 video cameras capture everything in the performance space at up to 4k resolution, making assets flexible for use across immersive and traditional media formats.

Polymotion Stage Debut

In partnership with Sky Sports, Polymotion Stage launched during the 148th Open at Royal Portrush, with many of the world's top golfers being amongst the first to be filmed. The players are in and out of the Polymotion Stage within minutes, enabling Sky Sports to use their digital duplicate during broadcast for swing analysis with never-before-seen angles.

Jason Wessely, Head of Golf at Sky Sports said, "We're always looking at how we can use innovative technology to bring golf fans closer to the action – nowhere more so than at The Open, where we first introduced our interactive studio, the Open Zone.

“The technology that MRMC have provided will allow us to analyse the golf swings of the world’s best players in a way that hasn’t been possible before. I know that the Sky team can’t wait to showcase this ground-breaking TV innovation and for the 148th Open Championship to get underway.”

James Banfield, Head of Synergy at MRMC, said, “Polymotion Stage is yet another example of the cutting-edge technology that we are developing at MRMC. These pioneering mobile volumetric studios will make it easier for content creators to capture the assets they need, vastly increasing their ability to produce engaging and immersive content. Fostering close partnerships with industry leaders Dimension & Sky Sports enable us to place our expertise where it can have real-world impact, and puts MRMC at the centre of content capture innovation.”

Simon Windsor, Joint Managing Director at Dimension, said, “Dimension specialises in believable virtual humans. Our proud partnership with MRMC builds on this and introduces Polymotion Stage as a unique 3-in-1 solution that we can roll out worldwide. As media becomes ever more experiential and immersive, this product opens truly original creative possibilities, enabling people to meet their heroes, connect with their stories, and experience the action in exciting new ways.”

Since launching in 2017 as a Microsoft Mixed Reality capture partner, London-based volumetric capture studio Dimension has seen demand from across entertainment, media and sport. Their illustrious portfolio includes filming Anthony Joshua for Sky Sports, capturing cast for the new War of the Worlds immersive theatre production, and more recently creating Madonna’s holograms for the 2019 Billboard Music Awards live broadcast.

Polymotion Stage is raising the bar for entertainment, with huge opportunities for a number of industries, pushing the frontiers of image capture, mobile technology and immersive viewing. The Polymotion Stage Truck will launch later this year. The Dome is available now for professional productions, with more information available on www.mrmoco.com.

ENDS

Notes for editors

For further information, please contact

Dimension - Yush Kalia – yush@dimensionstudio.co – +447980296641
MRMC - Dan Brooks - daniel.b@mrmoco.com +441342838000

Full Media Assets URL:

<https://drive.google.com/drive/folders/1LypoC65F1xKw7JpYGlm3k4HPdjkeukhP>

Related Links:

MRMC

- Polymotion Stage: <https://www.mrmoco.com/volumetric-capture/polymotion-stage/>
- Website: www.mrmoco.com
- Facebook: <https://www.facebook.com/mrmoco>
- Instagram: <https://www.instagram.com/mrmoco1/>
- Twitter: <https://twitter.com/mrmoco1>

Dimension

- Website: www.dimensionstudio.co
- Instagram: https://www.instagram.com/hello_dimension/
- Twitter: https://twitter.com/hello_dimension

Nikon

- Website: www.nikon.com
- Facebook: <https://www.facebook.com/NikonUK/>
- Instagram: <https://www.instagram.com/nikoneurope/>
- Twitter: <https://twitter.com/uknikon>

Quick Facts:

- The Polymotion Stage is a mobile, multi-solution volumetric capture facility
- The Polymotion Stage is a collaboration between MRMC and Dimension
- Polymotion Stage exists as the Stage Dome (available now) and Stage Truck (available Q4 2019)
- The capture stage has 106 cameras operating at 4k resolution
- The Polymotion Stage Dome was launched at the 148th Open at Royal Portrush, 14 - 21 July 2019
- The Open also referred to as the Open Championship or the British Open, is golf's oldest major championship

About MRMC

Mark Roberts Motion Control (MRMC) is a Nikon Group company. MRMC is on the front line of imaging innovation and is the leading manufacturer of cutting-edge solutions for motion control, automation, broadcast robotics and remote image capture. They design, manufacture and assemble robotic rigs, pan-tilt and multi-axis robotic heads and tracking technologies. MRMC's robotic and software solutions are used all over the world by film studios, sports broadcasters, football leagues and more. Class-leading technical and engineering achievements have earned MRMC several industry awards in the past 50 years. For more information, visit www.mrmoco.com. In 2016, MRMC was acquired by Nikon Corporation.

About Nikon

Nikon Inc. is a world leader in digital imaging, precision optics and photo and video capture technologies; globally recognized for setting new standards in product design and performance for an award-winning array of equipment that enables visual storytelling and content creation. Nikon Inc. distributes consumer and professional digital SLR cameras, NIKKOR optics. For more information, visit www.nikon.com

About Dimension

Dimension is a world-leading volumetric video and 3D capture studio, and first Microsoft Mixed Reality Capture studio partner. Based in London, the studio provides a world-class facility to create advanced virtual humans for uses across multiple industries. Dimension is part of immersive media group, Hammerhead, which includes Hammerhead's Newcastle studio and Timeslice Films. For more information visit www.hammerheadvr.com and www.dimensionstudio.co

ENDS