



# 10m Flying LED Disc Soars Above Special Olympics Show

## Case Study

Lightware Visual Engineering

## 10m Flying LED Disc Soars Above Special Olympics Show

### Market

Live Shows / Rental&Staging

### Country

UAE (Abu Dhabi)

### Lightware Equipment Used in Project

MX2-16x16-HDMI20-R

*This is a shortened description, please read the original article for more details and insights.*

Abu Dhabi welcomed over 7,500 athletes from 190 nations when it hosted the Special Olympics World Games 2019. This is the first time the event has been held in the Middle East and North Africa region, and the UAE made sure it was one to remember.



The Opening Ceremony took place at Zayed Sports Stadium in Abu Dhabi on the 14th March. Thousands of people from fans, families, heads of state and the Crown Prince Sheikh Mohammed bin Zayed Al Nahyan filled the stadium to watch the event unfold. Celebrities from around the world performed at the show including the Global Unified Choir, DJ Paul Oakenfold, Avril Lavigne and Luis Fonsi to name a few.

Event specialist [Creative Technology CT](#) worked alongside its client People to deliver all live video aspects of both the opening and closing ceremony. Creative Technology is one of the world's leading suppliers of specialist Audio Visual equipment to the sports, corporate, exhibition and entertainment industries, bringing together advice, support and equipment and providing everything from large screen displays to content delivery systems.

A key feature of the Opening Ceremony production was a 10m diameter flying disc. Weighing nearly five tons, the disc incorporated lighting, pyro and a 9m diameter LED screen. The disc rose up 30m from the stage at the start of the show and tracked back over the main LED screen, relaying show content throughout to enhance the floor projections.

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At the climax of the ceremony, two torch bearing athletes travelled on board the disc as it flew back to its centre stage position.

HDMI 2.0 and 12G SDI kits were utilized to maintain a fully redundant 4K @60 4:4:4 uncompressed workflow from the media server to screen. A remote screen management system comprised of linked Barco E2 and S3s managing all LED scaling and mapping were installed in the field.

A 288 x 288 Crosspoint matrix took on all the main feeds and distributed them across the site, and a Lightware HDMI 2.0 compatible MX2-8X8-HDMI20-Audio-L matrix managed backup feeds.

The Special Olympics World Games came to an end on 21 March with a closing ceremony full of entertainment and celebrations. Nicole Scherzinger opened the show and Keala Settle ended it with a performance of This is Me from The Greatest Showman.



Source: <https://www.avinteractive.com/news/live-events/10m-flying-led-disc-seen-special-olympics-world-games-02-04-2019/>