

# Case Study

## Outdoor music festivals

**Customer** Outdoor music festivals

**Location** 21 outdoor locations across the UK

**Requirements** A temporary instalment of a stable network infrastructure that enables people to deliver a successful music festival. CCTV was also needed to keep attendees safe.

**Equipment**  
200 Kmtrs Excel SM 8c/12c fibre  
- Loose tube (205-301/205-302) - Tight Buffered (205-324)  
340 Kmtrs ExcelCat5e/cat6 cable majority 100-065  
5000 Excel LC SM Pigtales  
250 x Excel 1,2 & 3mtr patch leads 200-678/200-680/200-682  
1292 Excel cat5e & cat6 patch leads – various colours  
Excel Fibre and Copper Patch leads

**excel**  
without compromise.

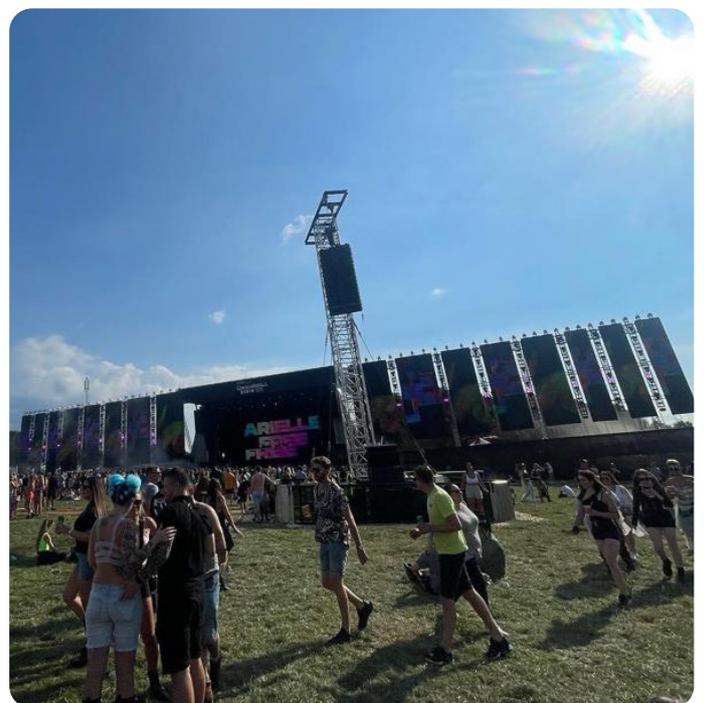
### An Overview

In 2022, from May to September, Indigo Technology Services worked on 21 music festivals across the country. As most music festivals take place in a field in remote areas of the country the logistics of getting everything to work can be challenging! A combination of Excel copper and fibre was used to create the infrastructure needed to provide a stable network, so people were able to host a successful festival – keeping people entertained through streaming and fed and watered by using contactless payments.



### Sourcing a Partner

The music festival organiser was looking for a company which designs networks in a specific way and provides stability and reassurance the infrastructure will perform well and is fit for purpose. Indigo Technology Services is a UK based installer which provides network engineering services. They work with copper, fibre and wireless networks, and manage all aspects of an IT system. They have a wealth of knowledge and experience in installing infrastructure at music festivals. One key strength is their response times which prevents any major issues or huge loss of business to the teams and traders working on site. They are confident that if an outage occurs on site, they have the necessary resource for it to be resolved as quickly as possible.



## The Right Product

Excel was the obvious choice of product for this music festival project. Indigo Technology Services have used Excel on other projects (their core business is in permanent installs in schools, offices, colleges) and Excel products have been chosen for many years and have always worked well. Indigo Technology Services work in a diverse range of environments and Excel products have always been reliable and fit for purpose whatever the installation. Indigo Technology Services are also an accredited Excel Cabling Partner which for their more permanent installations allows them to offer a 25-year warranty on the Excel installation.

Each temporary installation was based on both Excel Category 6 and 5e solutions with Excel Singlemode OS2 fibre, allowing for the deployment of 10 Gigabit over distances of up to 10Km, providing excellent speed and resilience. The numerous patch leads were used multiple times across the different events. Axis cameras were also run off the network to cover the entrance and exits and within the arenas to provide as much visibility of the event as possible, for the safety of the public and staff.



## The Result

The installation provided a stable network and the events were successful. Customer tickets were able to be scanned, food, drink and merchandise could be sold using contactless payments and live streams of the music was shown around the world. WiFi was available for the production team to continue to work and in case of any incidents CCTV footage was available to be exported.

This was a unique opportunity for Indigo Technology Services and the combination of good quality materials and products along with experienced engineers and technicians resulted in a successful project execution. Indigo Technology Services demonstrated the process of how a network can be created from scratch in an empty field. No matter how big or small the project is, Indigo Technology Services and Excel have the knowledge, experience, and resource to fulfil any requirements.

Speaking about this project, Indigo Technology Services said: "This project has been another great one which we look forward to taking on again next year. We now have 5-year contracts in place for a lot of our events which puts us in a position to really invest and take these projects to the next level. We look forward to seeing how we can incorporate more services into the coming year."

The end user, the music event producer also gave glowing feedback: "A big thank you to the teams for the work they delivered over the bank holiday weekend but also for all the other weekdays, weekends, days and nights of blood, sweat and continuously going the extra mile of fibre to make it work!"

Excel House  
Junction Six Industrial Park  
Electric Avenue  
Birmingham B6 7JJ  
England

T: +44 (0) 121 326 7557  
F: +44 (0) 121 327 1537  
E: sales@excel-networking.com

[www.excel-networking.com](http://www.excel-networking.com)

Mayflex MEA DMCC  
Office 22A/B  
AU (Gold) Tower  
Cluster I  
Jumeirah Lake Towers (JLT)  
Dubai  
United Arab Emirates  
PO Box 293695

T: +971 4 421 4352  
F: +971 4 421 5814  
E: mesales@mayflex.com

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