

Cirque du Soleil® – KÀ™, Las Vegas

KÀ™ by *Cirque du Soleil*® at the MGM hotel in Las Vegas pushes every boundary in theatrical performance and has set a new record for automation technology. KÀ™ has over 200 axes of automation, arguably one of the largest automated productions created, and all controlled by Stage Technologies Nomad control consoles.

Mark Fisher designed the extraordinary sets for this show, creating performance spaces and platforms that rise up from an enormous void (the 'pit') where a stage would normally be. There are two main platforms, the 'tatami deck' (30ft by 30ft, weighing around 75,000lb) and the 'sand cliff deck' (50ft by 25ft, weighing around 80,000lb).

Another remarkable automated effect is used in a scene where five performers transform their tepee tent into a giant, flying bird in order to make their escape. The bird uses five winches to fly out over the auditorium, while the five performers travelling within it flap the wings, creating another crowd-pleasing blend of technology and high-energy performance.

- 5 Nomad control desks
- MaxisID control system
- 16 radio-controlled performer flying winches
- 52 BigTow-390 winches
- 5 BigTow-390 winches to fly giant bird
- 26 motors for control of 5 lifts
- Control for 80 cliff deck 'pegs'
- Control for 3 small pod lifts
- Control for 16 actuators for cliff deck
- 18 hydraulic safety net winches
- Dynamic interlocking system
- Visual Creator software
- Chameleon software

Location: USA
Date commenced: May 2003
Date completed: October 2004

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