



Elemental Gazette

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Your source for the latest news from Elemental Effects

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It's a Jungle IN There!!

Paradise Island Adventure Golf brings the jungle to the Xscape Braehead entertainment center in Glasgow, Scotland. Paradise Island has two jungle themed indoor 18 hole courses complete with native huts, animals, giant stone sculptures and tiki poles.



The last hut was turned into a head hunters general store with all the supplies a sporting head hunter could want, including blow guns, bows, knives, head shrinking kits and of course, shrunken heads. The effect utilizes a time tested theatrical technique called a scrim. When lit from the front the door is opaque however when triggered by the



Paradise Island asked us to come in and add a series of animated effects and characters to their course to improve the guest experience. To achieve this we've added Talking Tiki poles, animated doors, a headhunters market and a disco hut.



The Talking Tikis are self contained animation units that feature moving eyes and mouth synchronized to custom recorded character voices. Each course has one Talking Tiki. Animations are triggered by motion detectors.



We've also added a variety of effects to the native huts located around the course.

In two of the huts we installed animated doors which open and close along with custom character voices that come from inside the hut. These units are triggered by ball sensors located in the drop hole challenge at those holes.

Another drop hole hut was converted to the native disco hut complete with lighting effects and pulsing club music.



motion detector the front light is turned off and the interior lights reveal the contents of the shop. The native purveyor of the store speaks up to sell you on the latest specials and how-to classes. At the end of the sequence a simple light change hides the contents of the hut from view until the next guest arrives.

Most animations utilize compressed air to power the motion. Due to installation logistics at Paradise Island the use of pneumatic power units was not practical. To solve this issue all of the motion animation was achieved with electrically driven stepper servos. Stepper servos are commonly used in industrial manufacturing where precise control and high reliability is a must. Both the Talking Tikis and Animated Doors utilize stepper servos allowing the units to be installed in any location that has an electrical service.



When we arrived we found that Paradise Island's animated mascot, Maggie McCaw was feeling a bit under the weather. To help out we brought Maggie back to the states with us, rebuilt and reprogrammed her then sent her back home. Now she is back in her place greeting guest as they enter the jungle.



For a look at these animations in action, please check out the Paradise Island – Glasgow video on our website's media page.