

# EXTERNAL CONTROL (TV STUDIO)

## APPLICATION NOTES

From set elements to Augmented Reality, Hippotizer Media Servers drive the best TV and Broadcast shows worldwide.

Input your sources and media, manipulate your content, output your displays and control in real-time.

### PROJECT BRIEF:

- The customer, Fox Sports Studio South West, needed to drive scenic displays in two studios.
- Video displays are scenic elements showing animated logos and backgrounds.
- Several different departments are involved for each studio including Graphics, Lighting and Director.
- New graphics would be added from the in-house content team over the network.
- Control would be from the control room in real time.
- One Hippotizer Karst+ would drive 8 displays in two studios.



WANT TO KNOW MORE ABOUT EXTERNAL CONTROL?

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DESIGN • PREPARE • DELIVER

## KEY CHALLENGES

Each department controlling the Hippotizer had a different problem to solve. Graphics worried about content, lighting about brightness and colour correction and Direction about sequencing.

Each department has a different way to control the system – TCP triggers, DMX, ZooKeeper and Stream Deck are sent in parallel.

## THE SOLUTION

### Design

Graphics department uploads media directly with Watchfolders.

### Prepare

ZooKeeper running on laptops in the studio provide media ingest, management and programming interface.

Lighting department uses Viewport colour controls to colour correct.

Control room uses stream deck to fire Layer Presets for background, foreground and Logo.

### Deliver

Hippotizer Karst+ to displays in each studio through a splitter. (8 x HD outputs total)

## KEY BENEFITS OF HIPOTIZER:

- Layer to Mix Topology makes separation of duties easy and consistent.
- Layer presets and X-Fade on Layer enables unfamiliar users to seamlessly jump to new looks at the press of a button.
- Layer Composition systems allows for easy content creation.

