

HOW IT'S DONE | Sector: **Experience**

Immersive Multimedia AV: Enhanced 7.1 Cinema & Spatial Effects

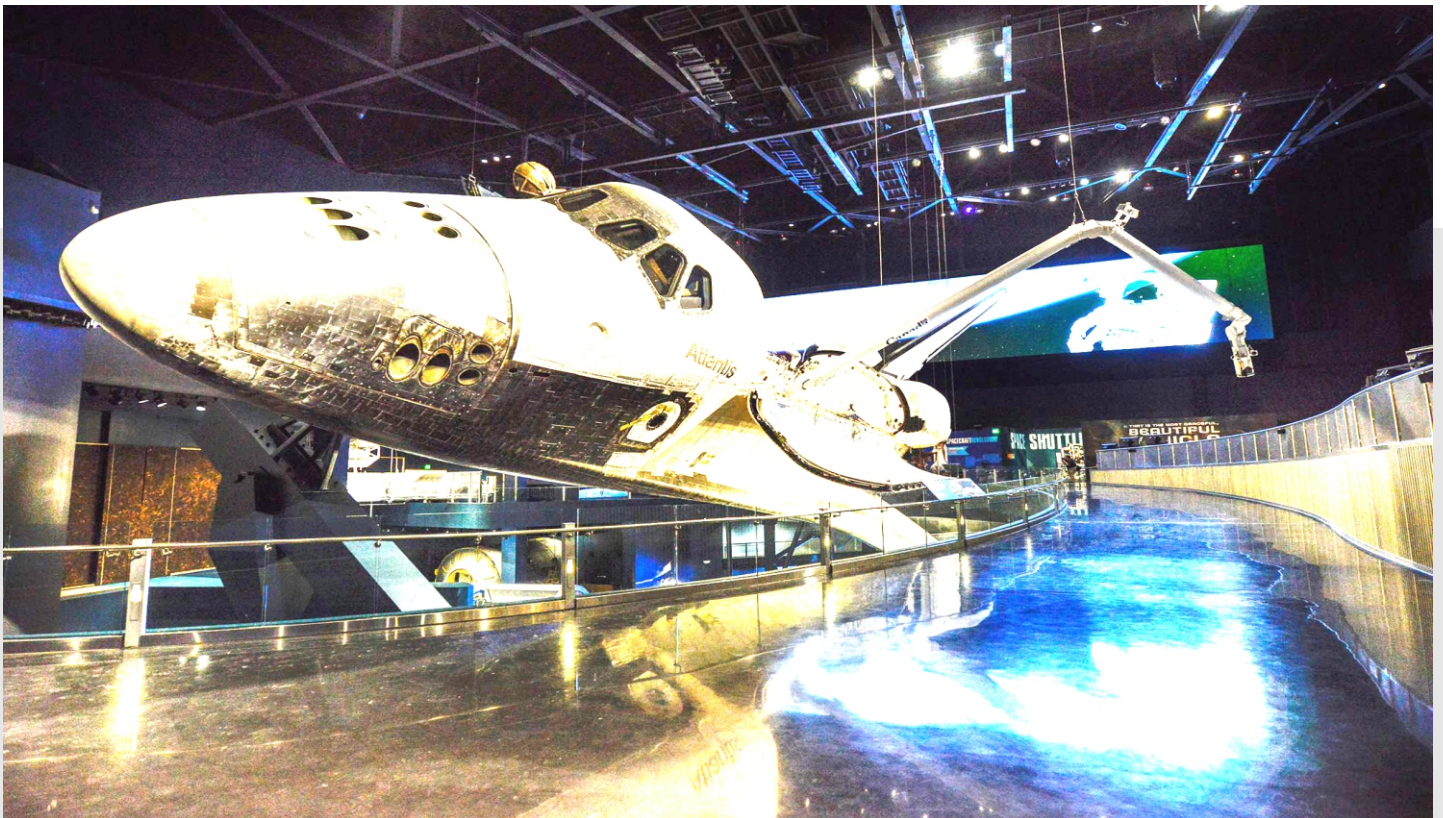
TiMax
CWO
soundhub

TiMax
TRACKER

TiMax
PORTAL

Atlantis Shuttle Experience Kennedy Space Centre

TiMax brings spatially enhanced immersive 3D surround audio to 7.1 ProTools playback and spot effects, supporting 360° video mapping for Atlantis Shuttle Experience pre-show reveal at Kennedy Space Centre, FLA, USA.



TiMax delay-matrix maps ProTools 7.1 mix stems across fourteen front, side, rear and overhead surround speakers plus subs, to provide enhanced, intimate immersive 3D surround experience for all audience members with no sweet-spot.

Fine-tuned with the ProTools post production engineer during on-site mix sessions. Also several spot effects are sent to TiMax from separate ProTools tracks, delay-panned in TiMax for added precision and impact, triggered by MTC timecode from ProTools.

Experience: Immersive Multimedia AV

TiMax SoundHub receives audio inputs via AES/Analog/Dante or MADI from mixing desks or DAW audio platforms like ProTools, or video servers like Coolux or D3 . Similar output formats feed via amps to individual speaker channels for maximum control of full dynamic spatial immersion for the whole audience.

Built-in showcontrol ports include MIDI or MTC (for SMPTE via convertor), GPIO and XML ethernet (for **TiMax Portal**, AMX, Crestron, Medialon etc).

16 up to 64 tracks of dual-redundant SSD audio playback are mixed, routed, processed to any outputs, triggered by internal scheduling or external control.

Dynamic immersive spatial effects are rendered using evolutionary TiMax object-based **TimeLine** and **PanSpace**, integrated with showcontrol events and timings.

