

Bespoke immersive therapy room, bringing videos to life for daughter at private residence.

Project: Bespoke Immersive Room

Location: Newcastle

Installation date: 28th February 2023

Opportunity

We were approached with a captivating project by a couple residing in Newcastle. The couple were working on a renovation of a bungalow to accommodate their daughter's needs, while also serving as a therapeutic space for her development and motor skills enhancement. They envisioned an immersive room as the perfect solution. To cater to their daughter's limited mobility, the room would need to incorporate a range of sensory and immersive technologies, including an essential H-frame hoist.



The Process

In November 2022, our specialist in Aurora Sensory and Immersive experiences, Craig, paid a visit to their home. Using our sensory and immersive demonstration vehicle, Craig not only showcased the available features but also conducted a comprehensive site survey. This demonstration was attended by the couple and an occupational therapist.

Requirements

Craig's visit highlighted their primary requirement: to bring videos to life for their daughter. To fulfil this vision, the room needed to feature three-wall projection, audio systems, dynamic lighting, wind simulation, vibration capabilities, touchscreen interfaces and an iPad for a truly immersive experience.

Challenges

Naturally, there were hurdles to overcome in meeting all these requirements. Raising the floor for vibration was infeasible, but our team devised an ingenious solution by installing a single vibration pad. Additionally, the presence of the H-frame hoist posed clearance issues for ceiling-mounted projectors. Our on-site team worked closely with the builders to overcome these challenges.

Solution

In February 2023, our skilled team of engineers completely transformed their existing space, converting it into a tailor-made immersive haven, perfectly suited to their daughter's unique needs. The completed immersive room boasted the following features:

- Three ultra-short throw (UST) projectors for seamless three-wall projection
- Dynamic ambient lighting
- Wind simulation
- Scent dispensing system
- Customized vibration pad
- 22" touchscreen interface
- iPad room command system
- Network cabinet & PC



This comprehensive solution not only met but exceeded the couple's expectations, providing their daughter with a truly immersive and enriching experience within the comfort of their own home.



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Contact us today to see Aurora in action with a free demo:



info@osbornetech.co.uk



+44 (0)1226 295 455



www.osbornetech.co.uk/sensory