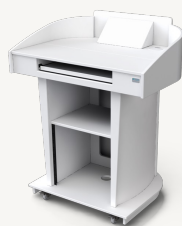




Collaborate



Control



Communicate



Converse

AV lecterns, cabinets, media walls, video walls, collaboration tables, huddle spaces, boardroom and meeting room tables, control desks, server racks, screen stands / trolleys and sound management solutions to name a few

Why Acoustic Treatment is Essential

Many rooms, particularly those with hard surfaces and minimal furnishings, struggle with excessive echo and reverberation.

This occurs because sound waves reflect off walls, ceilings, and floors without sufficient absorption, causing prolonged decay times and muddled speech and VC Speech clarity.

In environments such as classrooms, offices, or auditoriums, these reflections can make communication difficult, reduce concentration, and negatively impact the overall acoustic experience.



Why Acoustic Treatment is Essential

This is where design-led can make a real difference.

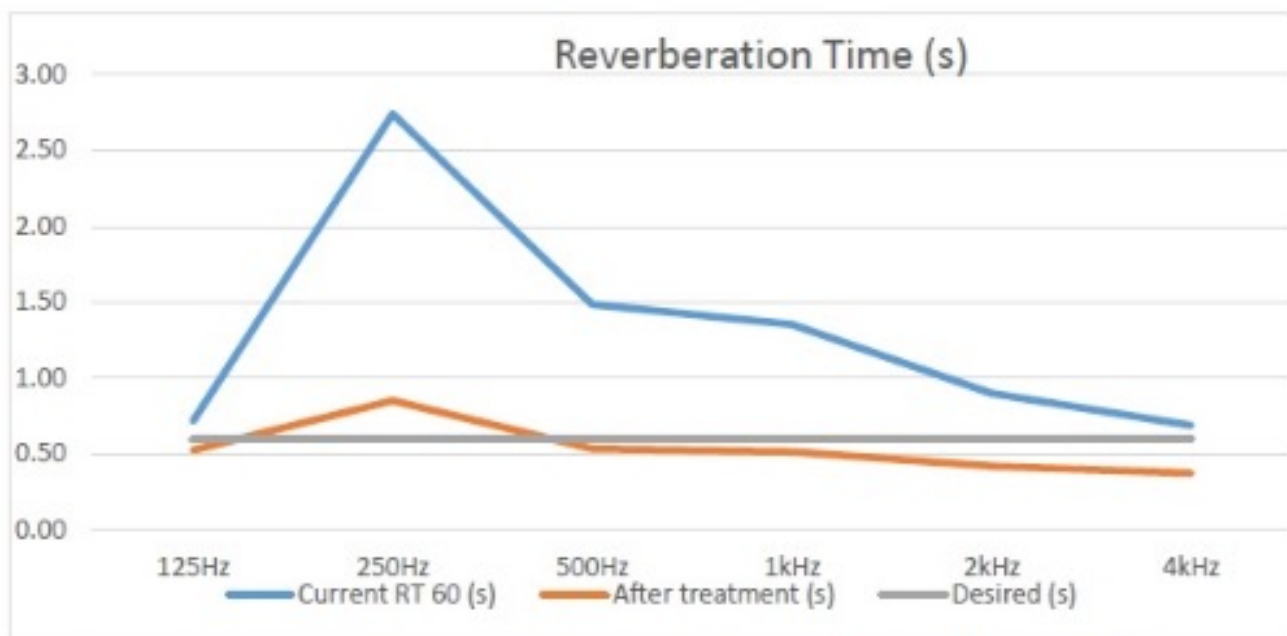
With over five years of acoustic experience, we bring both technical expertise and creative insight to ensure every space is not only functional but also aesthetically aligned with its environment.



What we do...

Every acoustic project begins with a site visit, allowing us to understand how the space is used, identify the causes of excessive reverberation and discuss the most appropriate treatment options.

Following the survey, we produce a detailed acoustic report outlining the room's existing reverberation performance and demonstrating the improvements that can be achieved through our recommended treatment. We also provide design visuals showing how the proposed acoustic solution can be incorporated into the space.



Frequency	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	Average
Current RT 60 (s)	0.72	2.74	1.49	1.35	0.90	0.69	1.32
After treatment (s)	0.53	0.85	0.54	0.52	0.42	0.38	0.54
Desired (s)	0.60	0.60	0.60	0.60	0.60	0.60	
Reduction	26.66%	68.91%	63.95%	61.84%	53.15%	45.60%	59.09%

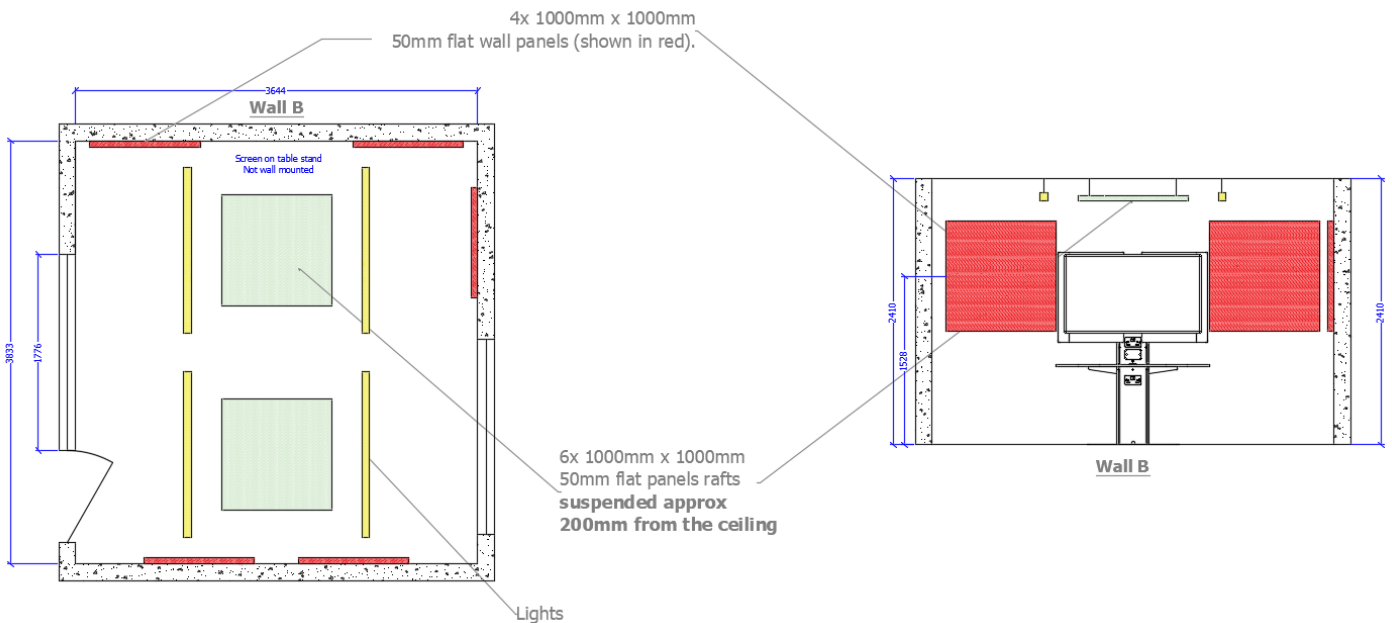
Report

Using the information gathered during the site survey, together with the room dimensions, finishes and layout, we produce a detailed reverberation report.

The report outlines the room's existing reverberation performance and predicts the reduction that can be achieved with the recommended acoustic treatment, providing a clear comparison of the room before and after treatment.

To help you visualise the proposed solution, we produce a detailed room plan and relevant wall elevations showing the position, size and layout of each acoustic panel.

These designs demonstrate how the recommended treatment will be incorporated into the room, ensuring the finished scheme improves acoustic performance while complementing the surrounding environment.



Commercial and educational environments often contain large areas of hard, reflective materials, such as glass, plastered walls, hard flooring and exposed surfaces.

Unlike domestic interiors, they typically have fewer carpets, curtains and soft furnishings to absorb sound. This can allow echo and reverberation to build up, making conversation more difficult and reducing speech clarity both within the room and during video conferences.

There is no single solution for every space. Acoustic treatment can take many forms, including wall panels, ceiling rafts, suspended baffles and bespoke feature designs. We consider the room's acoustic requirements alongside its layout, purpose and appearance to create a solution that performs effectively and complements the surrounding environment.

Acoustica wall panels

Acoustica wall panels provide a practical solution for reducing reverberation and echo within a room.

Designed for secure fixing directly to walls, the panels can be installed to suit the layout and design of each space.

These panels are available in a range of shapes that help improve the creativity of your acoustic solution. All panels can be made to custom sizes.

As Class A acoustic absorbers, Acoustica panels deliver excellent sound absorption.



Tech Specs...

STANDARD SIZES

1000mm x 1000mm x 50mm

1200mm x 600mm x 50mm

1200mm x 2000mm x 50mm

MAX: 1250mm x 2000mm x 100mm

Fire specification...

DIN EN 13501-1:2010 C - s2, d0

Composition...

BASF BASOTECT G FOAM / FABRIC

Density...

9KG/M3

Acoustic performance...

CLASS A

Acoustica ceiling rafts

Acoustica ceiling rafts offer a practical and effective treatment to reverberation and echo. They are installed with fixings from the ceiling.

Acustica Panels are a class A acoustic absorber available in a range of Cara and fabrics.

All panels can be made to custom sizes



Tech Specs...

STANDARD SIZES

600mm x 600mm x 50mm
1000mm x 1000mm x 50mm
1000mm x 2000mm x 50mm

Fire specification...

DIN EN 13501-1:2010 C - s2, d0

Composition...

BASF BASOTECT G FOAM / FABRIC

Density...

9KG/M3

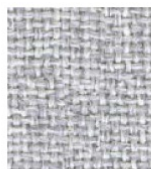
Acoustic performance...

CLASS A

Here's a selection of our Standard Cara finishes for wall panels; there are additional fabric options available at an additional cost based on material. Please ask for samples for more accurate colour representation.



Vit
EJ184



Glass
EJ004



Lomond
EJ192



Hillswick
EJ190



Spray
EJ033



Ronay
EJ189



Dolphin
EJ105



Inverness
EJ175



Shetland
EJ191



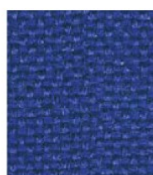
Beltane
EJ193



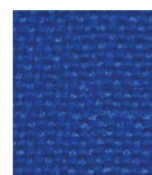
Chaucer
EJ172



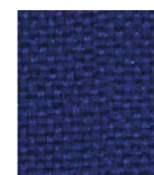
Portland
EJ016



Adriatic
EJ154



Galilee
EJ125



Cluanie
EJ180



Easdale
EJ188



Denny
EJ196



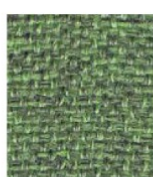
Clan
EJ169



Austen
EJ173



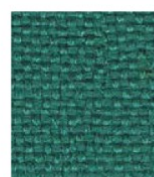
Maree
EJ195



Fair Isle
EJ186



Staffa
EJ185



Carron
EJ015



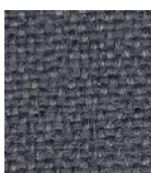
Lora
EJ187



Lead
EJ104



Lerwick
EJ194



Merrick
EJ048



Black
EJ138



Pitlochry
EJ076



Lossie
EJ197



Tummel
EJ038

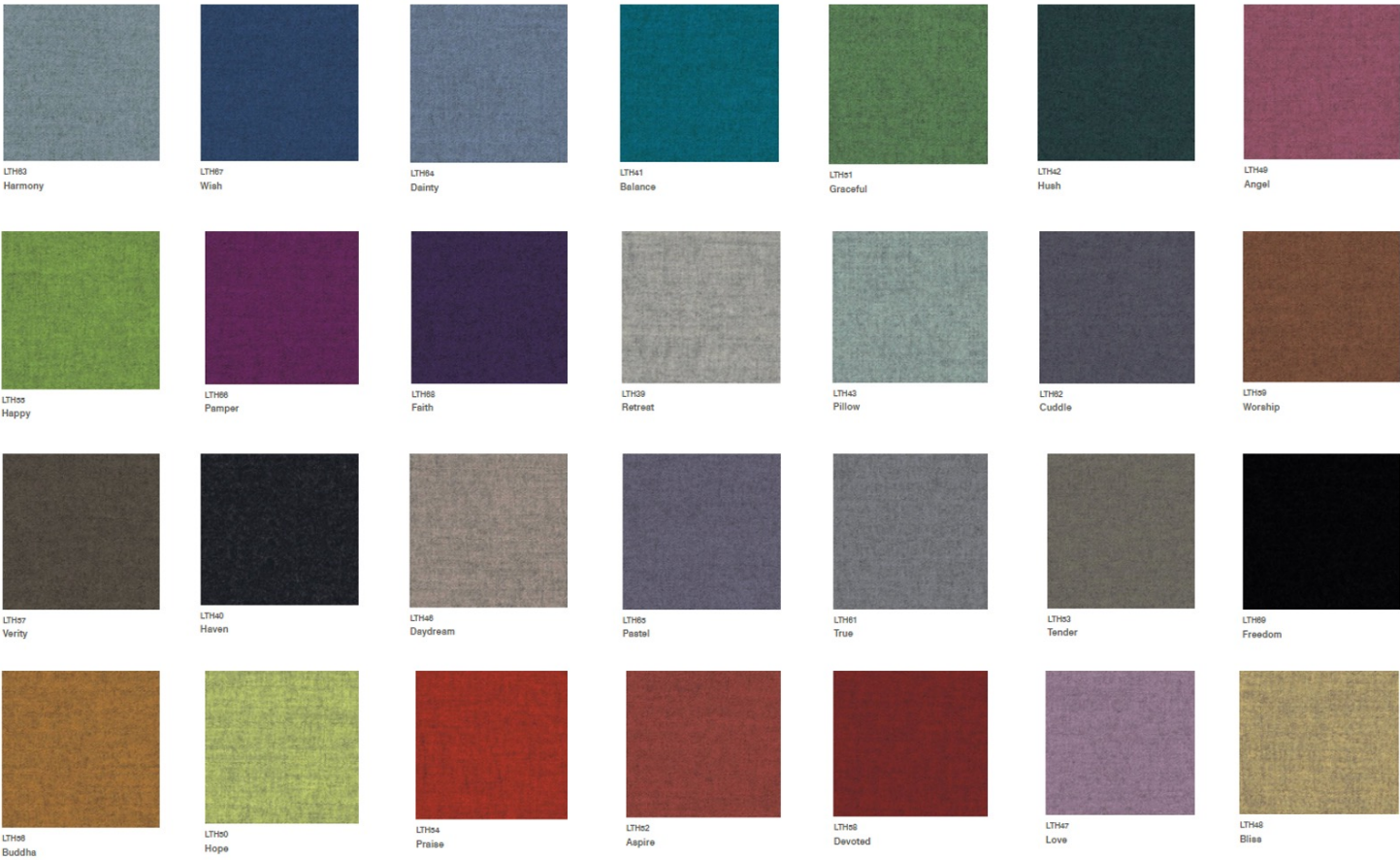


Walten
EJ011

Photographic fabric scans are not colour accurate. Always request fabric samples before ordering

Here's a selection of our Standard Blazer Lite finishes for Ceiling Rafts; there are additional fabric options available at an additional cost based of material.

Please ask for samples for more accurate colour representation.



Photographic fabric scans are not colour accurate. Always request fabric samples before ordering

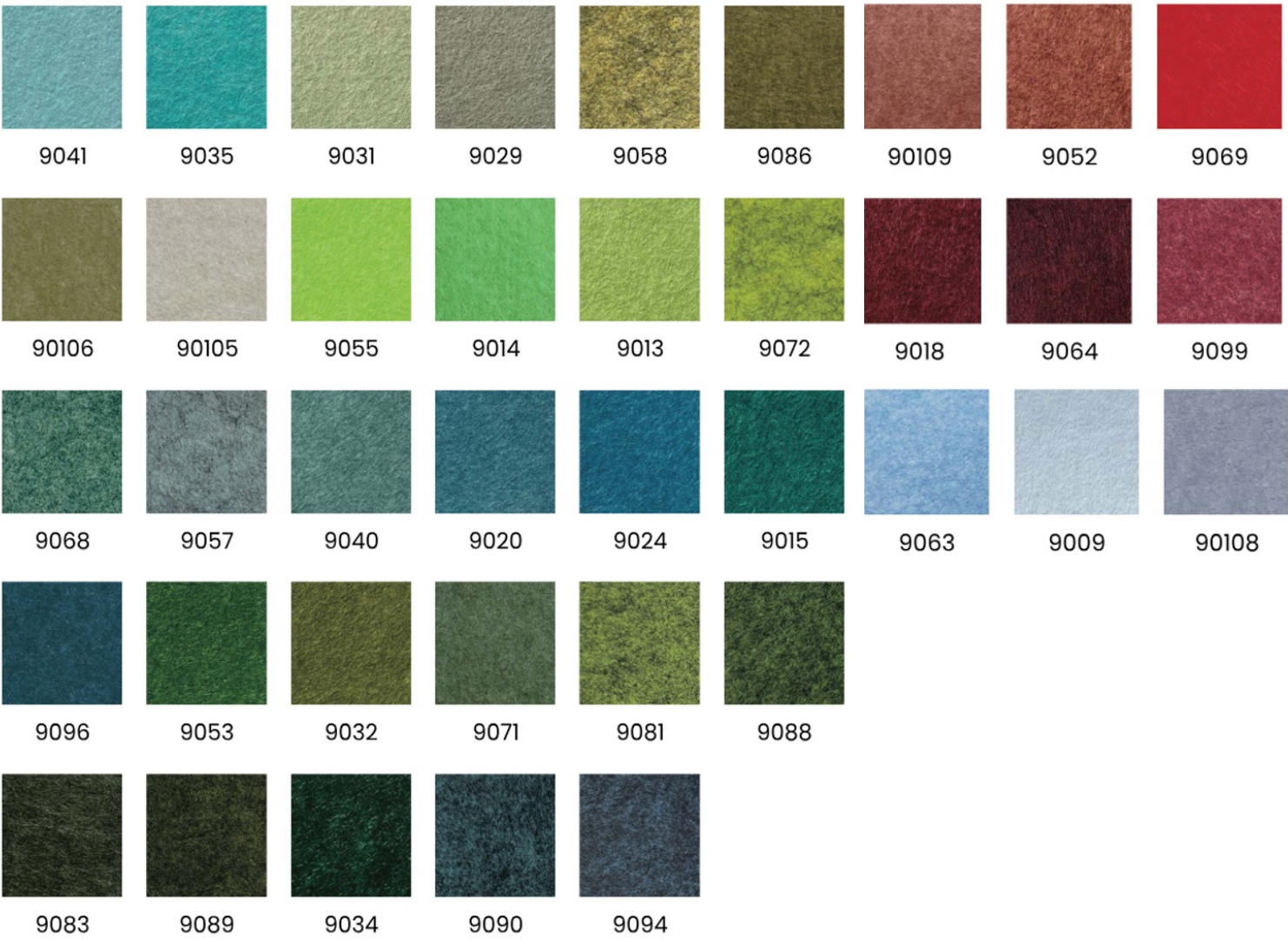
PET Fibre is the industry standard material for sound absorbing wall and ceiling coverings in building interiors.

Chosen for its durability, excellent acoustic performance and safety profile, PET fibre is an increasingly common sight in offices, schools and public spaces.



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Comprehensive range available

Acoustics
Book 1, 2026

Design-Led
Designing intelligent spaces



Collaborate **Control** **Communicate** **Converse**

AV lecterns, cabinets, media walls, video walls, collaboration tables, huddle spaces, boardroom and meeting room tables, control desks, server racks, screen stands / trolleys and sound management solutions to name a few

Classic & Contemporary Lecterns
Book 2, 2026

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Designing intelligent spaces



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Educational Lecterns
Book 3, 2026

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AV Cabinets & Credenza's
Book 4, 2024

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Tables and Desks
Book 5, 2026

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Control room & Enquiry rooms
Book 6, 2026

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Media Walls & Screen Surrounds
Book 7, 2026

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Collaboration Tables
Book 8, 2026

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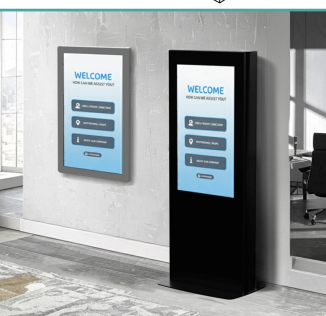


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Enclosures & Kiosks
Book 9, 2026

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Piyo Trolleys & Stands
Book 10, 2026

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Designing intelligent spaces



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The Hub & Kaigi Booths
Book 11, 2026

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Connectivity
Book 12, 2024

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Designing intelligent spaces

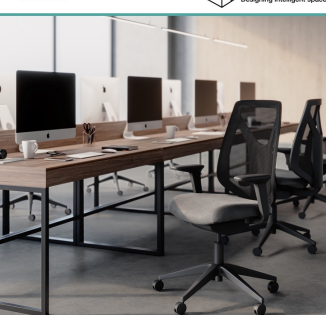


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Task & Meeting Chairs
Book 13, 2026

Design-Led
Designing intelligent spaces

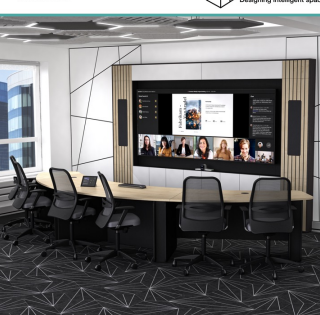


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Teams Room Furniture
Book 14, 2026

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Designing intelligent spaces

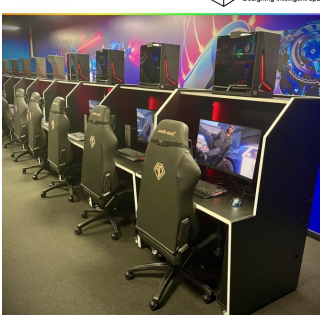


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E-SPORTS
Book 15, 2026

Design-Led
Designing intelligent spaces



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Peripherals
Book 16, 2026

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Designing intelligent spaces



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About Us.

We design and install prebuilt and bespoke AV furniture, Media walls, lecterns, credenzas, stands, trolleys, cabinets, acoustic treatments and much more.

We do this using the latest professional CNC machinery and only the best core materials.

Located in Yorkshire with close access to the motorway network we are conveniently located to deliver and install across the UK.

Design Led Intelligent Spaces Ltd

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North Yorkshire
YO26 8DH

Web - www.design-led.uk

Telephone – 07904065810 / 07747081057

Email - sales@design-led.uk

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