



Public Address & BGM System

Hardwick Hall: Audio System rack design & build

Hardwick Hall's newly developed Visitor Centre features a custom Audio Rack Build Design with Inter-M's Audio Matrix system and Amplifiers

Location: **Derbyshire, UK**
Client: **Hardwick Hall**
Integrator: **Midland Communications**

Client:

The National Trust's historic Hardwick Hall has recently undergone a transformation of its Stableyard buildings to provide a 'front of house' welcome to the thousands of visitors attending each year; the development of a brand new Visitor Centre to provide information, retail and catering facilities.

System Requirements:

The newly developed Visitor Centre provides a starting point for all visitors to the Elizabethan Hardwick Hall and, therefore, delivering a pleasant acoustic environment paired with clear information via the PA was paramount to the development's audio system design.



Bringing technology to life.

Hardwick Hall: Audio System rack design & build

Hardwick Hall's newly developed Visitor Centre features a custom Audio Rack Build Design with Inter-M's Audio Matrix system and Amplifiers

The Solution:

Professional audio installers - Midland Communications - were tasked with the project and, working in close partnership with CIE's technical services team, designed a fully integrated Public Address and Background Music rackbuild system to provide zoned coverage both in the Visitor Centre and redeveloped Stable Block.

The resulting audio rack (built in-house by CIE's Technical Services Team) provides Background Music (from an MCD15 CD Player) and Voice Paging distributed to 4 separate zones using the InterM PX8000 8x8 Audio Matrix.

The Rack is powered by InterM QD-4240 Quad Amplifiers with signals being transmitted between buildings via our unique SONET4 Audio-over-CAT5 cable Distribution System.



Product:

- CIE Audio Rack Design & Build Service
- InterM PX8000 8x8 Audio Matrix
- InterM QD-4240 4 x 60W Quad Amplifiers
- InterM OT-4240 4 x 60W 100v Transformers
- MCD15 5 Disc CD Player with MP3
- Clever Little Box SONET4 Cat5 Audio Distribution System - 4in/4out

Products used in this project



Inter-M - PX8000 8 x 8 Audio Matrix



Inter-M - QD-4240 60W Quad Amplifier



Inter-M - OT-4240 60W 100v Transformer



Clever Little Box - SONET4 Cat5 Audio Distribution System - 4in/4out



Let the CIE expert team help with your next AV project

CIE AV Solutions is one of the UK's leading value-added distributors, supporting our customers and their clients with product specification, system design and product supply for AV, intercom and electronics. Our in-house AV experts would be happy to advise on your next project or simply discuss your needs. Contact the CIE team on **T. 0115 9770075** or email info@cie-ltd.co.uk

CIE-Group Ltd 3 Widdowson Close Blenheim Ind Est Bulwell Nottingham NG6 8WB England
T: +44(0)115 9770075 F: +44(0)115 9770081 E: info@cie-group.com W: www.cie-group.com

Bringing technology to life.