



PA system design

Passengers need clear information to guide them through their journey and help when things aren't going to plan. Public Address (PA) systems play a key role in the provision of information and their clarity, consistency and effectiveness depends largely on the quality of system design, rollout and integration.

Working for mainline and light rail operators in the UK, **telent** has developed the skills, processes and tools required to optimise existing PA systems and rapidly deliver high quality new solutions. Our in-house design capability is led by dedicated & experienced acoustic professionals and benefits from the support of a world-leading PA consultant when required. Our accredited T&C teams use advanced design & test methodologies and benefit from our established relationships with leading PA equipment manufacturers.

Proven acoustic capabilities

We've designed acoustic systems for some of the largest and most complex metro stations in Europe including London Underground's Leicester Square, Waterloo and Tottenham Court Road. Often delivering ahead of schedule, we've designed over 30 stations including more than a dozen 'noise sensitive' surface stations. We're currently designing acoustics at a number of UK mainline rail stations.

Focused on delivering to ambitious timescales, our processes enable fast design-to-delivery times without compromising quality; controls & performance verifications are carried out at each stage of the process. Engineering time is often very limited in the rail environment, we understand the need to minimise on-site work and have built this into our design, installation & testing methodologies. Constant consultation with our customers helps us to assess specific requirements and ensures that we deliver real benefits for their business.

Our design solutions are delivered end-to-end, guaranteeing smooth execution from design brief to system hand-over. We have unrivalled experience of managing equipment vendors and sub-contractors, allowing our customers to benefit from a single interface for programme design & delivery. Our designers understand the benefits that can be achieved with integration of PA and related systems and use their knowledge of each stage of the delivery process to develop systems that can be rapidly and accurately installed.

A system to suit your environment

The acoustic characteristics found from one environment to another can be uniquely complex. We're committed to understanding acoustic parameters at each station and to creating a bespoke PA system that delivers clear communications to passengers throughout. Fully bench-marked, a **telent** designed Public Address solution is handed over with comprehensive information about the performance of components against key parameters, optimising the effectiveness of future maintenance programmes. Choose **telent** for:

- Optimum sound quality
- Background noise-adaptive sound levels
- Minimal disturbance to local residents - automatic night/weekend settings
- 'Confined sound' designs aimed to drastically reduce sound spill-over

Market leading service portfolio

We've invested in our PA capabilities, developing effective design tools and processes, highly accurate performance prediction, minimal time on-site requirements and improved testing flexibility. Our acoustic design service can be delivered independently or as part of our full suite of Public Address solutions that includes in-depth surveys that measure key acoustic parameters and a comprehensive benchmarking to assess the performance of new or existing systems.

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Point 3, Haywood Road
Warwick CV34 5AH
United Kingdom
Telephone: +44 (0)800 783 7761

www.telent.com

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