



AURI™ SOLUTIONS GUIDE

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AURACAST



AURI™ IN HIGHER EDUCATION

**Empowering Every Student: Auri™ for
Accessible Audio in Higher Education**

THE NEED FOR CLEAR, INCLUSIVE AUDIO ON CAMPUS

In higher education, sound isn't just a backdrop, it's the backbone of learning. From lectures and seminars to orientation events and hybrid classrooms, students rely on audio to absorb complex concepts, participate in discussions, and achieve academic success.

Accessibility laws like the **ADA (Americans with Disabilities Act)**, **UN Convention on the Rights of Persons with Disabilities (CRPD)**, **Section 504 of the Rehabilitation Act**, and global equivalents require that colleges and universities provide equitable access to educational content, including audio.

At the same time, students expect flexible, technology-driven solutions that fit their devices and lifestyles. Meeting these dual demands calls for a system that is both inclusive and forward-looking.



COMMON CHALLENGES

Despite best intentions, campuses often struggle with consistent, high-quality audio access:

- **Hearing loss & learning outcomes:** Over 430 million people worldwide live with disabling hearing loss, including students in higher education. Unaddressed, this leads to disengagement and poorer academic results.
- **Lecture hall acoustics:** Large, echo-prone spaces amplify background noise and make understanding speakers difficult, even for those without hearing loss.
- **Inconsistent technology:** Accessibility solutions may vary wildly from building to building, leaving students guessing how to connect.
- **Lack of awareness:** Even when systems are available, students often don't know how to access them or if they're compatible with their devices.
- **Legacy systems:** Outdated assistive listening technology can't keep up with today's mobile, BYOD (bring-your-own-device) culture.

AURI™ ADVANTAGES

Auri™ directly addresses these challenges by making inclusive audio simple, seamless, and scalable:

- **Auracast™ broadcast audio:** Students have the choice to instantly access streamed audio using their own smartphones, Auracast-enabled hearing aids, or dedicated Auri™ receivers.
- **One system, multiple benefits:** Auri™ delivers both mandated accessibility and personalized audio enhancement for anyone who wants clearer sound.
- **Campus-wide scalability:** Easily integrate Auri™ into existing AV systems, alongside hearing loops, radio frequency, infrared, or Wi-Fi based systems. Expanding coverage across lecture halls, libraries, and student centers without starting from scratch.
- **Lower barrier to use:** Basic connection requires no special app, making it easier for first-time users to get connected and stay engaged.

USE CASE SCENARIOS

- **Large lecture halls:** Students tune directly into the lecturer's voice, cutting through echo and background noise to focus on course content.
- **Hybrid learning setups:** Auri™ ensures in-room and remote participants receive equally clear audio, enhancing inclusivity and participation.
- **Student services, libraries, and orientation events:** Make information sessions, tours, and training equally accessible, even in crowded or noisy environments.

KEY DIFFERENTIATORS

- **Industry leaders:** Co-developed by Ampetronic and Listen Technologies, pioneers with decades of experience in assistive listening for education.
- **Proven expertise:** Thousands of successful installations in universities and colleges worldwide ensure a reliable, education-ready solution.
- **Next-gen performance:** Low-latency, secure, multi-language streaming means real-time, high-quality audio delivery.
- **Multi-stream support:** Offer simultaneous channels, for example, different languages or content tracks, within a single space.



AURI™ IN HOUSES OF WORSHIP

Hear Every Word: Auri™ for Accessible Worship for All

ENSURING EVERY MESSAGE IS HEARD

Sound is central to worship. Whether it's a sermon, a prayer, or a hymn, people come to listen, reflect, and feel connected. Clear audio is not just about technology, it's about ensuring everyone can experience the service fully.

Making sound accessible is a meaningful expression of hospitality. It shows every attendee, member, or visitor that they are seen, heard, and valued.



COMMON CHALLENGES

- **Reverberant acoustics and inconsistent sound coverage:** Traditional worship spaces are often beautiful but acoustically challenging, with high ceilings, hard surfaces, and long reverberation times.
- **Lack of awareness around assistive listening options:** Many attendees simply don't know that help is available or assume it's outdated or hard to use.
- **Complicated or intrusive systems:** Older technologies often require special equipment or visible headsets that feel cumbersome or stigmatizing.
- **Limited adoption due to complexity:** Congregants may avoid using assistive listening because it draws attention or requires staff intervention.

AURI™ ADVANTAGES

- **Simple to connect:** Attendees can access audio instantly using their own smartphone, Auracast-enabled hearing aid, or a dedicated Auri™ receiver.
- **Discreet and dignified:** People can use their personal devices, making accessibility seamless and private.
- **Supports multi-channel audio for overflow rooms and language translation:** Stream different languages, live interpretation, or coverage for overflow spaces without extra infrastructure or visible equipment.
- **Easy for staff and volunteers:** Simple setup and support make it practical for smaller teams and volunteers to manage.

USE CASE SCENARIOS

- **Worship services:** Every sermon, scripture reading, and announcement delivered with clarity and reach.
- **Choir performances and events:** Ensure music, readings, and performances are accessible to all attendees, even in large or acoustically challenging spaces.
- **Small group spaces:** Bring the same high-quality, inclusive audio to classrooms, fellowship halls, and breakout rooms.

KEY DIFFERENTIATORS

- **Broadcast audio for everyday worship:** Auri™ brings the power of next-generation Auracast™ broadcast audio into the heart of spiritual gatherings.
- **Flexible, future-ready streaming:** Auri™ complements existing systems while adding the convenience of wireless, device-based access, ideal for venues looking to expand or modernize their assistive listening options without replacing everything at once.
- **Enhance outreach and community support:** Make your worship services more accessible to visitors, multilingual audiences, and people with hearing loss.
- **Developed by trusted leaders:** Created by Ampetronic and Listen Technologies, recognized worldwide for delivering assistive listening systems that ensure clear, inclusive audio in demanding environments.



AURI™ ON CORPORATE CAMPUSES

Clear Communication at Work: Auri™ for the Modern Workplace

AUDIO THAT MATCHES THE SPEED OF BUSINESS

In today's fast-paced corporate environment, clear audio is the foundation of effective communication. From board meetings to all-hands events, high-quality sound ensures employees and stakeholders can collaborate, innovate, and act quickly.

Providing accessible audio is more than compliance, it's a core element of corporate responsibility and inclusion, signaling to employees, clients, and visitors that their participation matters. At the same time, multi-use workspaces and global offices require flexible audio infrastructure that can adapt to different layouts, teams, and technologies.



COMMON CHALLENGES

- **Open floor plans and inconsistent meeting audio:** Noise spillover, echo, and poor mic placement can compromise productivity.
- **Temporary installations or hot-desking environments:** Frequent reconfiguration of spaces makes traditional AV systems hard to manage.
- **Difficulty accommodating employees with hearing loss:** Many organizations lack a unified approach to assistive listening across facilities.
- **AV team is burdened by complex system support:** Maintaining multiple, incompatible systems consumes time and resources.

AURI™ ADVANTAGES

- **Streamlined deployment across multiple buildings or floors:** Standardized accessibility and enhanced audio campus wide.
- **Integration with existing meeting room AV systems:** Works with your current infrastructure for quick rollouts.
- **Supports both assistive communication and language interpretation:** Make every meeting accessible, whether to employees with hearing differences or multi-lingual teams.
- **Future-ready with BYOD compatibility and enterprise security:** Employees and visitors can use their own devices securely and seamlessly.

USE CASE SCENARIOS

- **Town halls, meetings, and company-wide events:** Deliver clear, inclusive audio to every participant.
- **Training sessions and new hire onboarding:** Ensure new hires and existing staff receive consistent, understandable information.
- **Global offices requiring multi-lingual support:** Stream live interpretation or multiple channels without extra infrastructure.

KEY DIFFERENTIATORS

- **Powered by Auracast™ broadcast audio:** Auri™ is engineered by Ampetronic and Listen Technologies, pioneers with over 65 years of combined experience in assistive listening and accessibility.
- **Low latency, ultra-clear audio for real-time communication:** Perfect for fast-paced discussions and decision-making.
- **Customizable UI for employees and visitors:** Branded or simplified interfaces for easy adoption.
- **Enables companies to meet accessibility mandates and legislative requirements:** Build inclusivity into your culture and compliance into your infrastructure.



AURI™ IN PERFORMING ARTS CENTERS

Hear Every Note: Auri™ for Accessible and Immersive Performances

WHEN AUDIO DRIVES THE EXPERIENCE

In performing arts, audio is storytelling, and clarity is everything. Whether it's a whisper in a play, a crescendo in an opera, or an announcement before curtain, sound shapes every moment of the audience's experience.

Ensuring every patron can engage fully, regardless of hearing ability, is no longer optional, it's an expectation. Modern venues must blend accessibility, elegance, and ease, delivering high-fidelity sound without detracting from the atmosphere.



COMMON CHALLENGES

- **Poor speech intelligibility due to complex acoustics:** Historic or architecturally striking venues often have long reverberation times and uneven sound coverage.
- **Stigmatizing or outdated technology:** Bulky headsets or limited seating zones can discourage patrons from using assistive listening.
- **Visitors are unsure how to connect or request help:** Without clear signage or staff training, systems go underused.
- **Increasing demand for multilingual, personal audio access:** Audiences expect customizable experiences.

AURI™ ADVANTAGES

- **Auracast™ broadcast audio brings sound directly to patrons' ears:** Crystal-clear audio streams instantly to personal devices or receivers.
- **Attendees can use their own smartphones, hearing aids, or a dedicated Auri™ receiver:** No compatibility issues or visible hardware.
- **Seamless integration with live audio feeds for performances and announcements:** Extend the same high-quality sound from the stage to lobby screens, or pre-show messages.
- **Supports multiple channels for language interpretation or descriptive audio:** Give patrons choice and dignity without extra equipment.

USE CASE SCENARIOS

- **Theatrical productions and musicals:** Ensure every word and note is heard clearly, no matter the seat.
- **Concerts and spoken word performances:** Deliver pristine sound for music and speech alike.
- **Pre-show announcements, lobby displays, and tours:** Extend accessibility beyond the stage to the full patron experience.

KEY DIFFERENTIATORS

- **Powered by Ampetronic | Listen Technologies:** Leaders in professional audio and accessibility with decades of proven expertise.
- **Low latency, high-fidelity audio designed for performance environments:** Perfect synchronization with live action on stage.
- **Easy for front-of-house staff to explain, manage, and promote:** Streamlined setup and management reduces burden on venue teams.
- **Makes compliance invisible to the user:** Accessibility built into experience preserves both atmosphere and dignity.



AURI™ IN TRANSPORTATION HUBS

Clear Travel Communication: Auri™ for Airports, Stations, and Transit Terminals

ACCESSIBLE TRAVEL STARTS WITH CLEAR AUDIO

In fast-paced, noisy environments like airports and train stations, hearing accurate information is vital. Gate changes, safety instructions, and emergency alerts all depend on clear audio reaching travelers instantly.

Travelers with hearing loss are most at risk of missing announcements, but clearer sound also supports anyone navigating language barriers, distractions, or fatigue. Meanwhile, accessibility regulations are expanding worldwide, requiring transportation hubs to provide equitable communication to all passengers.



COMMON CHALLENGES

- **PA systems are difficult to hear over ambient noise:** High ceilings, hard surfaces, and crowd chatter compound the problem.
- **Visual displays are not always sufficient or up to date:** Screens can lag or be blocked from view, leaving travelers without critical information.
- **Legacy systems can't scale to multi-zone, multi-language communication:** Traditional paging can't easily deliver different messages to different areas in multiple languages.
- **High traffic and constant movement make training difficult for staff:** Complex systems burden teams and slow response times.

AURI™ ADVANTAGES

- **Auracast™-enabled broadcast audio reaches travelers in real-time.**
- **Easy access via smartphone, earbuds, or an Auracast™ compatible hearing aid:** Lower barriers for first-time users and travelers on the move.
- **Ideal for dynamic audio zones, from ticket booths to gates and onboard:** Deliver clear, targeted announcements anywhere in the journey.

USE CASE SCENARIOS

- **Airports, train stations, bus depots:** Seamless, consistent audio access across large, multi-level spaces.
- **Gate announcements, delay updates, security info:** Real-time updates reach every passenger.
- **Wayfinding and safety instructions:** Provide clear navigation and emergency guidance in multiple languages.

KEY DIFFERENTIATORS

- **Auri™ delivers instant, zone-based audio to thousands of travelers at once:** High-capacity streaming for large venues.
- **No complex receiver handouts required:** Travelers use their own devices or optional receivers.
- **Built with security, scalability, and enterprise integration in mind:** Designed for modern, connected infrastructure.
- **Developed by global leaders in transportation audio systems:** Backed by decades of expertise in mission-critical sound environments.



AURACAST™

Introduction to Auracast™ Broadcast Audio

Auracast™ is a new Bluetooth® technology that enables high-quality, low-latency audio to be broadcast to an unlimited number of nearby devices. With Auracast, users can effortlessly receive clear sound directly to their own hearing aids, earbuds, or smartphones, or a venue-provided receiver. This breakthrough makes audio more accessible in public spaces, from classrooms and corporate boardrooms to arenas and transportation hubs. For venues, it simplifies assistive listening, enhances multilingual and play-by-play audio delivery, and provides a modern, scalable solution that's easy to deploy. Auri™ by Ampetronic and Listen Technologies is the first installed Auracast-based system purpose-built for these environments, delivering seamless access and exceptional sound quality to every listener.



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