

CLOSEUP



DESIGNING AV FOR EVERY USER



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PUBLISHED QUARTERLY
BY **FORD AV**

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TECHNOLOGY SHOULD NEVER BE THE BARRIER

A person using a wheelchair may interact with a wayfinding display from a seated position. Someone with hearing loss may need audio delivered directly to their hearing aid.

A person visually impaired may depend on high-contrast content, audible instructions, or emergency messages delivered in more than one way.

Making audio and video accessible begins by understanding how different people experience a space. The **Americans with Disabilities Act (ADA)** establishes important guidelines, and good design goes further—removing barriers that can prevent someone from seeing, hearing, understanding or interacting with information.

Accessibility should be considered from the start, shaping display placement, assistive listening, captioning, emergency communication, and the overall user experience.



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DIFFERENT NEEDS DIFFERENT AV SOLUTIONS

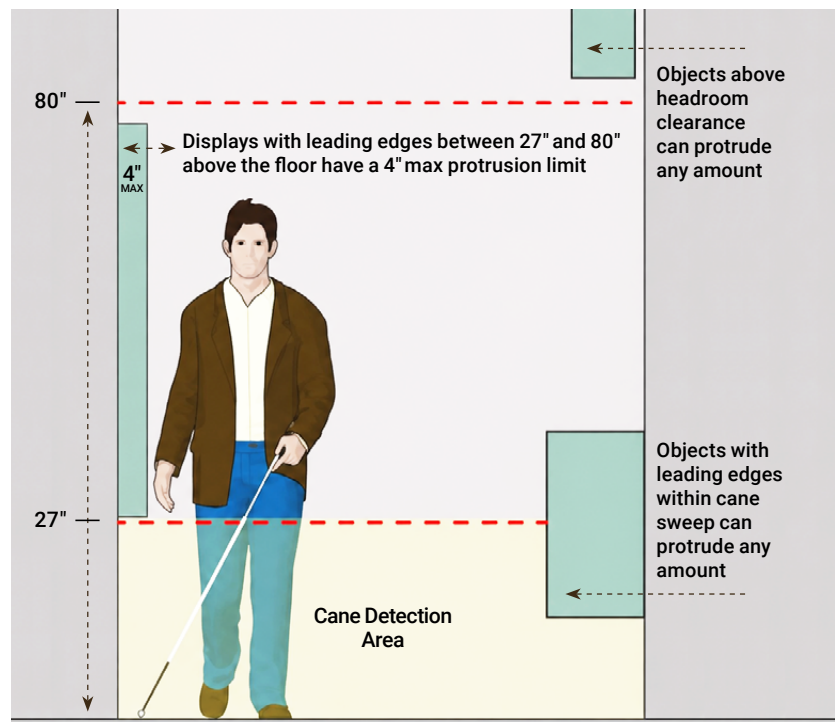
Accessible AV considers how people with different abilities experience a space. Multiple communication methods give every user a better opportunity to access, see, hear, and interact with information effectively.

WAYFINDING EVERYONE CAN USE

Making interactive displays and controls accessible generally requires placement of 15 to 48 inches above the floor, and reserves clear space for wheelchair access. Screens positioned for seated viewing, with reduced glare, large type, high contrast and simple navigation, improve usability for everyone.

PLACING DISPLAYS WITHOUT CREATING BARRIERS

Wall-mounted displays along circulation paths must be positioned to avoid creating hazards. Displays with leading edges between 27 inches and 80 inches above the floor may protrude no more than 4 inches into the path. If a display extends farther, a properly positioned fixed element, such as a credenza below the display, can provide cane detection when configured to meet ADA requirements.





DELIVERING AUDIO DIRECTLY TO THE LISTENER

Assistive listening systems deliver clearer audio directly to a headset, hearing aid, cochlear implant, or personal device. Available solutions include infrared, RF, Wi-Fi and induction-loop systems selected according to room size, privacy requirements and user preferences.

MAKING SPOKEN WORDS VISIBLE

Live captioning converts speech into text for presentation screens, livestreams, and personal devices. Built-in captioning in Microsoft Teams, Zoom and Webex, along with dedicated captioning systems, supports people with hearing loss, auditory-processing difficulties or language barriers.



EMERGENCY MESSAGES EVERYONE CAN RECEIVE

Accessible emergency communication uses more than sound or sight alone. Integrated AV systems combine audible announcements with visible strobes, digital signage, room displays and mobile notifications.



TECH TALK



HOW **UNIVERSITY OF TEXAS AT SAN ANTONIO** DELIVERS EQUAL ACCESS TO LEARNING

Infrared emitters use invisible light to deliver lecture audio directly to personal receivers



At the University of Texas at San Antonio (UTSA), accessibility is an important part of creating learning environments that provide every student with equal access to instruction. Throughout classrooms, lecture halls, and presentation spaces, Ford AV integrates assistive listening technology that supports students with hearing impairments.

RF assistive listening systems transmit audio using protected FCC-licensed radio frequencies, providing reliable communication without interference from common wireless devices. At UTSA, infrared (IR) technology takes reliability a step further. Instead of transmitting over radio frequencies, IR emitters use infrared light to deliver lecture audio directly to personal receivers. Because infrared signals remain within the room and require a direct line of sight, they provide exceptionally clear audio.

The goal is not simply to amplify sound. It's to provide every student with equal access to learning by delivering clear, intelligible communication directly to those who need it.

TECHNOLOGY THAT HELPS

EVERYONE PARTICIPATE

**Accessibility is more than compliance.
It's about creating better experiences for
everyone.**

At Legrand | AV, we design solutions that help organizations build more inclusive learning, meeting, and public spaces through accessible displays, furniture, collaboration technologies, and infrastructure that support ADA goals while empowering every person to participate.



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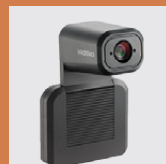
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ACCESS STARTS WITH INTENTIONAL DESIGN

From thoughtful display placement to assistive listening, captioning, and emergency communication, Ford AV designs technology solutions with accessibility in mind from the start—so every space works for everyone.



*Let's Get
Started!*

fordav.com



FORD AV

**EXPERIENCE
EXTRAORDINARY**