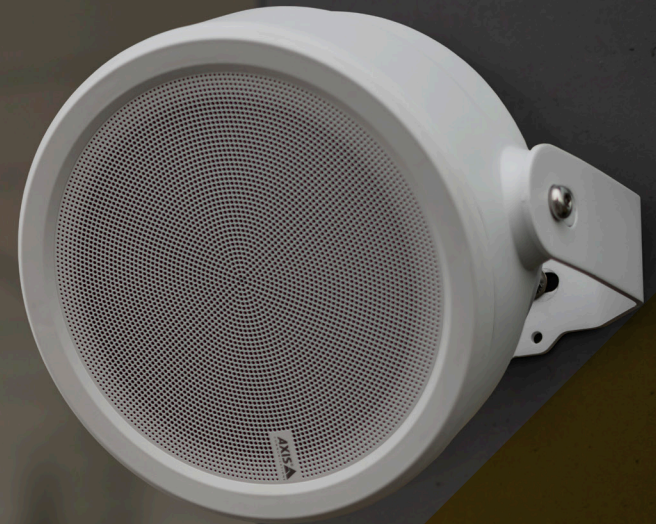


Why choose Axis network audio?



How this all-in-one alternative to traditional systems is the right option for your business or organization.

AXIS[®]
COMMUNICATIONS

The advantages of network audio

Axis network audio solutions consist of 100% IP endpoints, which connect right to standard network infrastructure.

That makes them easy to install, configure, and manage, and there's no need for dedicated audio cabling. They're built on open standards for easy integration with other systems. Plus, they're scalable and future-proof, so you can adjust the size of your system and add or update features any time. The speakers come with all the hardware built in, and the software is pre-installed – and they're pre-configured to sound great right out of the box.

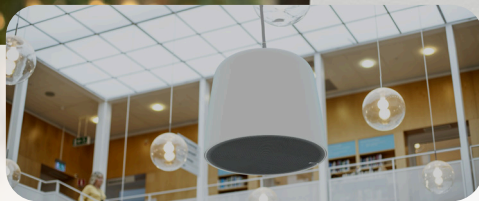
Those are just a few of the many distinct advantages Axis network audio offers over traditional audio for your business, school, or organization. You can explore the how, the why, and the details of six clear benefits of network audio in this book.

- **Less equipment**
- **Clear sound**
- **Scalable and flexible**
- **Reliable, remote monitoring**
- **Easy to manage**
- **Easy to integrate**





Less equipment



Easy to plan for

Getting a traditional audio system up and running requires careful planning and site design, before you even turn it on. Big systems need dedicated space for amplifiers, mixers, signal processors, microphones, special cabling, and audio racks – sometimes even a climate-controlled tech room. Then, there's the extra time and trained workforce required to install and maintain it all. Network audio solutions are different.

Axis speakers aren't just speakers. They're complete audio systems in a single unit, with all the hardware and software components you need. That means you'll be up and running faster. Plus, the only cable required is already there. And they have no physical buttons, so there's less chance of unintentionally interfering with the system.



Easy to install

Network audio is simple to install. Power over Ethernet (PoE) powers your devices over the same cable that connects them to your IT networks – no need to add dedicated audio cabling. For an established site, you'll already have what you need. For a new site, you'd be adding it anyway. And because Axis network speakers use a built-in power amplifier and digital signal processor (DSP), there's no need for additional expensive equipment or audio engineers to get your system up and running. Everything is calibrated to sound crisp and clear, regardless of audio source, right from the start.



Intuitive interface

It's just as simple to configure your audio solution as it is to install it. The pre-installed audio management software has an intuitive interface that lets you create zones, set up schedules for playing pre-recorded announcements or background music, and more. There's no programming involved – and you can add and remove speakers and call-out microphones from your zones and change your schedules whenever you want. All changes are made right in the software, remotely, with no need to go on site.

Clear sound – right out of the box

No more mixed messages

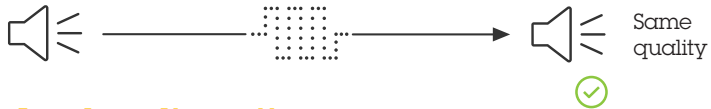
Have you ever strained to hear an announcement in a public place? Or missed crucial information because of fuzzy or distorted delivery? In critical and casual situations, sound quality matters. And when messages are misunderstood, audio content can quickly go from helpful to stressful.

Axis network audio solutions ensure voice announcements, background music, and alerts are always audible and understandable, thanks to a built-in digital sound processor (DSP). The DSP is preconfigured to sound right regardless of audio source, so you don't need to spend a lot of time or money on maintaining and adjusting sound quality. Plus, each speaker in our broad portfolio is rigorously tested and designed to fit the environment where it will be used. The result? Clear, reliable sound.

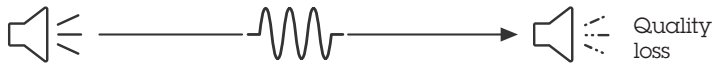
The digital difference

Network audio systems aren't sensitive to electrical and other kinds of interference that can cause distortion and unwanted noise in traditional wired systems. And because network audio is digital all the way from source to speaker, Axis audio systems deliver sound that's always loud and clear.

Digital all the way



Analog disruptions



Scalable and flexible

Traditional audio is rigid. You need to know ahead of time how many zones and speakers are required for the solution in order to configure the back-end components, such as amplifiers, splitters, mixers, and more. And what happens when you need to expand your system? The infrastructure might not be there, leading to expensive labor and management costs for even small changes. In short, a traditional system can't easily account for growth over time.

You can't predict the future. But you can make it easier.

Network audio is flexible. With Axis network audio solutions, you can easily expand your audio system to fit your growing business needs – on your time. Thinking about changing the layout of your store, institution, or offices? When it's time to grow, there's only one thing to add: more speakers. Because Axis network speakers are true IP endpoints, with everything built in, it's easy to add to the standard network you already have.

Axis network speakers are true IP endpoints, with everything built in

Intuitive audio management makes it easy to grow and adapt your solution to meet your changing needs. Add a device, add and adjust zones, add new content sources and new schedules, and more – all on your own, without having to call in audio specialists or external contractors. It's already right there in the audio management software.



Adapt and upgrade

Acquiring new buildings with a traditional audio system already in place? No worries. An Axis audio bridge connects and combines traditional and network audio systems. Compact and easy to install, it lets you bring network-audio benefits to a legacy system. Enjoy straightforward scheduling and content management, integration with a VoIP system, and the freedom to use the audio source of your choice. You can also seamlessly mix and match traditional and network systems using Axis network amplifiers, which add the same functionality as Axis network audio speakers to any passive speaker.



Reliable, remote monitoring

Ease of maintenance from anywhere

What happens when one speaker goes down? When there's a problem, a speedy response is critical. In a traditional wired system, one faulty wire can take the rest of the speaker system down with it. And bringing an audio specialist on site to identify and fix the problem is expensive, time-consuming, and disruptive.

Because Axis network audio solutions are true IP endpoints that connect to standard IT networks and are controlled centrally, there's no need to go on site to check the status of the system. When speaker number 412 in a 500-speaker system needs maintenance, finding and fixing the problem takes moments, not days. Remote health monitoring lets you know your network audio solution is working, and it can tell you the audio sounds right, too. You'll always know your system is working the way it should.





Easy to integrate thanks to open standards

Because Axis network speakers are built on an open platform, they easily integrate with other Axis products, as well as third-party hardware and software. That makes for more flexible and powerful solutions, allowing your audio system to do so much more than what might be considered traditional audio purposes.



Support security

In combination with an Axis video surveillance system equipped with audio analytics, you can automatically trigger a pre-recorded message when cameras detect loiterers or other unwanted activity like aggressive voices or breaking glass. Or, talk directly to the scene via your speakers.



Support safety

Audio is also an invaluable tool for delivering up-to-the-minute information and instructions to the public in emergencies. Use signals and pre-recorded or live messages to safely and reliably deliver clear warnings and crucial information to help keep people safe. Easy integration with third-party mass notification partners ensures the right message is delivered when it's needed most.



Support efficiency

You can use the same Axis audio system for public address, paging and announcements, and creating ambience with background music. And throughout the day, you decide which messages get heard, where, and when.

Easy to manage

Central control of thousands of sites

How do you make sure the same message gets through the whole system? What happens when you add or adjust a zone? Or need to change schedules? Traditional systems require time and on-site expertise for management, programming, and troubleshooting.

Axis audio management software lets you spend your time where it can add the most value – not worrying about whether or when your content will play. Maintain full control of on-brand messaging and background music with our cloud-based multisite software. This easy-to-use management system ensures your message reaches the right group, at the right time. Whether you have a few sites or thousands, you can easily keep track of – and troubleshoot – them all.

Page, play prerecorded messages, talk to the scene with two-way audio, change volume, and adjust the audio source, all through the intuitive interface accessible on your computer, tablet, or mobile phone.

There's no programming and no need for costly outside help. Multisite management software gives you central control, so you always know when individual sites play content, at what volume, and what the message is – even what song is playing.



Audio management software **at a glance**

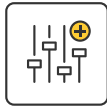


Software for single-site management is embedded in all Axis audio hardware, and the standard version of our multisite management software is available free of charge – or upgrade to a premium offering.

Local site management



AXIS Audio Manager Edge – Pre-installed on all Axis audio devices, this software management system is ideal for small and medium systems of up to 200 speakers in 20 zones.



AXIS Audio Manager Pro – Ideal for larger, more advanced installations, this software is perfect for sites of up to 5,000 speakers and 100 zones. It comes with unlimited licenses, so you're free to grow your business.

Multisite management



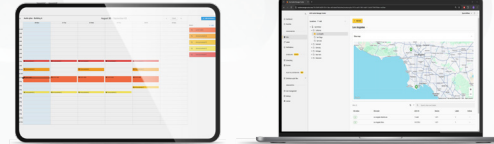
AXIS Audio Manager Center – A subscription-based hybrid cloud service for intuitive management of multisite audio systems using AXIS Audio Manager Edge locally.



Solutions overview

Axis network speakers

Axis network speakers are complete high-quality audio systems in a single unit. They are true IP endpoints, with everything built in. Perfect for live or scheduled voice messages for proactive security, to keep people safe and for operational efficiency, they can also be used to play background music.



Axis audio management software

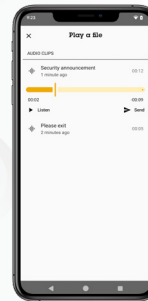
Audio management software, pre-installed on Axis speakers, enables you to efficiently manage, monitor, and control a single-site audio system. Additional software is available for complex and multisite installations.



Axis audio system devices

Protect the value of your legacy investment while you migrate to network audio, or, if you're already using an IP-based audio solution, enjoy even greater flexibility.

- > An Axis audio bridge connects and combines traditional and network audio systems.
- > Mix and match analog and digital systems using Axis network amplifiers.
- > An Axis volume controller enables your staff to adjust volume and select from up to three preconfigured audio sources, all at the touch of a button.



AXIS Audio Manager mobile App

Make live announcements, trigger pre-recorded messages on demand, open a line for two-way audio, or adjust background music, all from a mobile phone or cellular tablet, with the AXIS Audio Manager mobile app. This application is the perfect companion for AXIS Audio Management Center premium subscribers.



Microphone hub

An Axis paging console allows you to gain a complete public address system with all the benefits of an IP-based solution. It's ideal for live or pre-recorded announcements and paging. The console is built on the Axis open platform, so you can also configure the buttons to trigger actions on other IoT devices.

Benefits summary

Axis network audio: A natural part of your IT system

Axis network audio solutions offer all-in-one alternatives to traditional audio systems. In addition to cost savings, you'll benefit from:

- > True IP endpoints, so it's easy to add to the standard network you already have
- > Clear, crisp sound right out of the box, thanks to a built-in DSP
- > Remote monitoring and management you can do yourself, using our intuitive software
- > Ease of integration with other Axis products
- > Scalability, so your system can grow with you

Learn more about Axis network audio solutions:
www.axis.com/products/network-audio

Your partner in cybersecurity

At Axis, we're committed to ensuring the cybersecurity of our offerings throughout the product lifecycle – from production to decommissioning. We want to make it easier for you to put safeguards in place, so you can use our offerings in as secure a manner as possible. This includes device management software that lets you apply and maintain safeguards and know when there is a security update. Mitigating the risks of cyberthreats is a shared responsibility, and we provide guidance, advanced technologies and tools, and products and services that reflect and support best practices.



About Axis Communications

Axis enables a smarter and safer world by improving security, safety, operational efficiency, and business intelligence. As a network technology company and industry leader, Axis offers video surveillance, access control, intercoms, and audio solutions. These are enhanced by intelligent analytics applications and supported by high-quality training.

Axis has around 5,000 dedicated employees in over 50 countries and collaborates with technology and system integration partners worldwide to deliver customer solutions. Axis was founded in 1984, and the headquarters are in Lund, Sweden.