

AXIS C1511 Network Pendant Speaker

For installation in high ceilings—small

This all-in-one speaker system makes audio announcements smart and easy. For instance, it can be used to make general live or prerecorded voice messages, remotely and proactively warn off intruders, and deliver instructions. It offers easy integration with your video management software (VMS), VoIP telephony, analytics, and more. Including a preconfigured digital signal processor (DSP) it produces clear voice every time. It also features a built-in microphone enabling remote health testing. This visually attractive pendant speaker is ideal for mounting in high ceilings. Furthermore, the embedded audio management software supports user, content, zone, and scheduling management.

- > [All-in-one speaker system](#)
- > [Connects to standard network](#)
- > [Easy installation with just one network cable \(PoE\)](#)
- > [Scalable and easy to integrate](#)
- > [Remote health testing](#)



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Audio hardware		Notification via email, HTTP, HTTPS and TCP, external output activation
Enclosure	One way enclosure with 4 inches broadband dynamic cone speaker	Built-in installation aids
Max sound pressure level	93 dB	Test tone verification and identification
Frequency response	70 Hz - 16 kHz	Cybersecurity
Coverage pattern	130° coaxial	Edge security
Audio input/output	Built-in microphone (can be disabled) External microphone, Line in	Software: Signed firmware, brute force delay protection, digest authentication and OAuth 2.0 RFC6749 OpenID Authorization Code Flow for centralized ADFS account management, password protection, AES-XTS-Plain64 256bit SD card encryption Hardware: Axis Edge Vault cybersecurity platform Secure element (CC EAL 6+), Axis device ID, secure keystore, signed video, secure boot
Built-in microphone specification	50 Hz - 20 kHz	Network security
Amplifier description	Built-in 7 W Class D amplifier	IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2), IEEE 802.1AR, HTTPS/HSTS, TLS v1.2/v1.3, Network Time Security (NTS), X.509 Certificate PKI, IP address filtering
Digital signal processing	Built-in and pre-configured	Documentation
Audio management		<i>AXIS OS Hardening Guide</i> <i>Axis Vulnerability Management Policy</i> <i>Axis Security Development Model</i> AXIS OS Software Bill of Material (SBOM) To download documents, go to axis.com/support/cybersecurity/resources To read more about Axis cybersecurity support, go to axis.com/cybersecurity
AXIS Audio Manager Edge	Built in: – Content management for music and live/pre-recorded announcements. – Scheduling to decide when and where to play specific content. – Content prioritization to ensure urgent messages interrupt the schedule. – Zone management allowing you to divide up to 200 speakers into 20 zones. – Health monitoring for remote discovery of system errors. – User management to control who has access to what features. See separate datasheet for more details.	General
AXIS Audio Manager Pro	For larger and more advanced systems. Sold separately. See separate datasheet for specifications.	Casing
Audio software		IP40 Baffle: plastic Mesh: Surface-treated steel plate Mesh color: Off-white (RAL 9010 or equivalent) Top cover: Plastic Repaintable. For repainting instructions and impact on warranty, contact your Axis partner. Speaker mounting method: Hook
Audio streaming	One-way/two-way with optional half-duplex echo cancellation. Mono.	Power
Audio encoding	AAC LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Axis μ -law 16 kHz, WAV, MP3 in mono/stereo from 64 kbps to 320 kbps. Constant and variable bit rate. Sampling rate from 8 kHz up to 48 kHz.	Power over Ethernet (PoE), IEEE 802.3af/802.3af, Type 1 Class 3 (max 12.95 W)
System on chip (SoC)		Connectors
Model	i.MX 6SoloX	RJ45 10BASE-T/100BASE-TX PoE I/O: 4-pin 2.5 mm terminal block for 2x supervised configurable I/Os
Memory	512 MB RAM, 512 MB Flash	Storage
Network		Support for microSD/microSDHC/microSDXC card Max. size 64 GB For SD card recommendations see www.axis.com
Network protocols	IPv4/v6 ^a , HTTP, HTTPS, SSL/TLS, QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), NTCP, SIP (Cisco, Avaya, Asterisk)	Reliability
System integration		Designed for 24/7 operation.
Application Programming Interface	Open API for software integration, including VAPIX®, One-click cloud connection, AXIS Camera Application Platform (ACAP).	LED indicators
VoIP	Support for Session Initiation Protocol (SIP) for integration with Voice over IP (VoIP) systems. Peer to peer or integrated with SIP/PBX. Tested with: SIP client such as Cisco, Bria and Grandstream and PBX suppliers such as Cisco and Asterisk. Supported SIP features: secondary SIP server, IPv6, SRTP, SIPS, SIP TLS, DTMF (RFC2976 and RFC2833), NAT (ICE, STUN, TURN) Supported codecs: PCMU, PCMA, opus, L16/16000, L16/8000, speex/8000, speex/16000, G.726-32	Operating conditions
Intelligent audio	Auto Speaker Test (verification via built-in microphone)	-30 °C to 50 °C (-22 °F to 122 °F) Humidity 10–85% RH (condensing)
Event triggers	Call, virtual inputs, external input, AXIS Camera Application Platform (ACAP)	Approvals
Event actions	Play audio clip, send SNMP trap, send Auto Speaker Test, status LED, File upload via HTTP, network share and email,	EMC CISPR 24, CISPR 35, CISPR 32 Class B, EN 55024, EN 55035, EN 55032 Class B, EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4, FCC Part 15 Subpart B Class B, ICES-3(B)/NMB-3(B), KC KN35, KC KN32 Class B, RCM AS/NZS CISPR 32 Class B, VCCI Class B Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, EC 60068-2-27, IEC/EN 60529 IP4X Safety CAN/CSA C22.2 No. 62368-1, IEC/EN 62368-1, KC-Mark, UL 62368-1
		Dimensions
		Height: 150 mm (5.9 in), Ø 220 mm (8.7 in)
		Weight
		2650 g (5.8 lbs)
		Optional accessories
		AXIS TC1901 Wire Kit, AXIS Safety Wire 3M For accessories, see axis.com
		Video management software
		AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available on axis.com/techsup/software
		Languages
		English, German, French, Spanish, Italian
		Warranty
		5-year warranty, see axis.com/warranty

a. Audio synchronization with IPv4 only.