



WALL MOUNT IP SPEAKER



FEATURES

Transform the way you communicate with the ***astTECS Wall Mount IP Speaker** — engineered for **crystal-clear audio, intelligent control, and seamless integration** across modern infrastructures.

Designed for **next-generation public address systems**, this speaker combines **robust performance, smart automation, and enterprise-grade security** into one powerful solution.

True IP-Based Audio Excellence:

Deliver high-fidelity, low-latency audio over your existing network infrastructure.

Universal Protocol Compatibility

Compatible with SIP and ONVIF, ensuring smooth integration with VoIP systems and surveillance ecosystems.

Multi-SIP Account Support (Up to 4)

Handle multiple zones, departments, or use cases with flexible SIP account configuration.

Built-in Firewall Protection

Advanced onboard security safeguards your communication network from unauthorized access.

API-Driven Automation

Unlock powerful integrations with API-based triggers automate announcements, alerts, and much more based on real-time events.

Intelligent Audio Management

- Pre-recorded message playback
- Live paging & emergency broadcasting

Massive On-Device Storage (25GB)

Store extensive audio libraries directly on the device — no dependency on external servers.

Remote Management & Multicast Streaming

Control, configure, and broadcast across multiple speakers simultaneously from a centralized system.

MCP Ready

Built for the AI era — seamlessly integrates with LLMs and intelligent systems via Model Context Protocol (MCP), enabling context-aware announcements, smart triggers, and voice-driven automation.

CERTIFICATION:



SPECIFICATIONS



	astSW10	astSW15	astSW20
Network Connectivity	Ethernet (10/100 Mbps, RJ45)	Ethernet (10/100 Mbps, RJ45)	Ethernet (10/100 Mbps, RJ45)
Audio Streaming	SIP paging/ Multicast/ HTTP trigger	SIP paging /Multicast /HTTP trigger	SIP paging/ Multicast/ HTTP trigger
Audio Compression	G.711, G.722, Opus, Wav, MP3	G.711, G.722, Opus, Wav, MP3	G.711, G.722, Opus, Wav, MP3
Frequency response	150-20000Hz	150-15000Hz	150-15000Hz
Power	10W	15W	20W
Amplifier description	Built-in Class D digital amplifier	Built-in Class D digital amplifier	Built-in Class D digital amplifier
Supported protocol	SIP, RTP, HTTP API	SIP, RTP, HTTP API	SIP, RTP, HTTP API
Material	Metal	Metal	Metal
PoE Support	Yes	Yes	Yes
Connectors	Ethernet, Power, Reset, Mic	Ethernet, Power, Reset, Mic	Ethernet, Power, Reset, Mic
Adapter	PoE/12V 2A	PoE/24V 2A	PoE/24V 2A
Dimension(mm)	W110 x H389 x D89	W110 x H524 x D89	W110 x H658 x D89
Weight (Kg)	2.5	3.5	4.5

astTECS Communications Pvt. Ltd.

35, Krishna Reddy Layout, Domlur, Bangalore - 560071, India

Contact No. : +91 - 80 6640 6640



HORN IP SPEAKER



FEATURES

Transform the way you communicate with the *astTECS **Wall Mount IP Speaker** — engineered for **crystal-clear audio, intelligent control, and seamless integration** across modern infrastructures.

Designed for **next-generation public address systems**, this speaker combines **robust performance, smart automation, and enterprise-grade security** into one powerful solution.

True IP-Based Audio Excellence:

Deliver high-fidelity, low-latency audio over your existing network infrastructure.

Universal Protocol Compatibility

Compatible with SIP and ONVIF, ensuring smooth integration with VoIP systems and surveillance ecosystems.

Multi-SIP Account Support (Up to 4)

Handle multiple zones, departments, or use cases with flexible SIP account configuration.

Built-in Firewall Protection

Advanced onboard security safeguards your communication network from unauthorized access.

API-Driven Automation

Unlock powerful integrations with API-based triggers automate announcements, alerts, and much more based on real-time events.

Intelligent Audio Management

- Pre-recorded message playback
- Live paging & emergency broadcasting

Massive On-Device Storage (25GB)

Store extensive audio libraries directly on the device — no dependency on external servers.

Remote Management & Multicast Streaming

Control, configure, and broadcast across multiple speakers simultaneously from a centralized system.

MCP Ready

Built for the AI era — seamlessly integrates with LLMs and intelligent systems via Model Context Protocol (MCP), enabling context-aware announcements, smart triggers, and voice-driven automation.

CERTIFICATION:



SPECIFICATIONS



	astSH15	astSH20	astSH30	astSH50
Network Connectivity	Ethernet (10/100 Mbps, RJ45)	Ethernet (10/100 Mbps, RJ45)	Ethernet (10/100 Mbps, RJ45)	Ethernet (10/100 Mbps, RJ45)
Audio Streaming	SIP paging/ Multicast/ HTTP trigger	SIP paging/ Multicast/ HTTP trigger	SIP paging/ Multicast/ HTTP trigger	SIP paging/ Multicast/ HTTP trigger
Audio Compression	G.711, G.722, Opus, Wav, MP3	G.711, G.722, Opus, Wav, MP3	G.711, G.722, Opus, Wav, MP3	G.711, G.722, Opus, Wav, MP3
Frequency response	275-7000Hz	250-10000Hz	240-10000Hz	120-16000Hz
Sensitivity	106dB/1W/1m	108dB/1W/1m	108dB/1W/1m	98dB/1W/1m
Power	15W	20W	30W	50W
Amplifier description	Built-in Class D digital amplifier	Built-in Class D digital amplifier	Built-in Class D digital amplifier	Built-in Class D digital amplifier
Supported protocol	SIP, RTP, HTTP API	SIP, RTP, HTTP API	SIP, RTP, HTTP API	SIP, RTP, HTTP API
Material	ABS	ABS	ABS	ABS
PoE Support	Yes	Yes	Yes	No
Connectors	Ethernet, Power, Reset	Ethernet, Power, Reset	Ethernet, Power, Reset	Ethernet, Power, Reset
Adapter	PoE/24V 2A	PoE/24V 2A	24V 2A	24V 2A
Dimension(mm)	250	274	310	W370xH255xD300
Weight (Kg)	2	2.55	2.55	6.1

astTECS Communications Pvt. Ltd.

35, Krishna Reddy Layout, Domlur, Bangalore - 560071, India

Contact No. : +91 - 80 6640 6640



CEILING IP SPEAKER



FEATURES

Transform the way you communicate with the ***astTECS Wall Mount IP Speaker** — engineered for **crystal-clear audio, intelligent control, and seamless integration** across modern infrastructures.

Designed for **next-generation public address systems**, this speaker combines **robust performance, smart automation, and enterprise-grade security** into one powerful solution.

True IP-Based Audio Excellence:

Deliver high-fidelity, low-latency audio over your existing network infrastructure.

Universal Protocol Compatibility

Compatible with SIP and ONVIF, ensuring smooth integration with VoIP systems and surveillance ecosystems.

Multi-SIP Account Support (Up to 4)

Handle multiple zones, departments, or use cases with flexible SIP account configuration.

Built-in Firewall Protection

Advanced onboard security safeguards your communication network from unauthorized access.

API-Driven Automation

Unlock powerful integrations with API-based triggers automate announcements, alerts, and much more based on real-time events.

Intelligent Audio Management

- Pre-recorded message playback
- Live paging & emergency broadcasting

Massive On-Device Storage (25GB)

Store extensive audio libraries directly on the device — no dependency on external servers.

Remote Management & Multicast Streaming

Control, configure, and broadcast across multiple speakers simultaneously from a centralized system.

MCP Ready

Built for the AI era — seamlessly integrates with LLMs and intelligent systems via Model Context Protocol (MCP), enabling context-aware announcements, smart triggers, and voice-driven automation.

Adaptive Volume Control (Ambient Noise Sensing)

Equipped with intelligent ambient sound detection, the speaker monitors surrounding noise levels and automatically adjusts its output volume.

CERTIFICATION:



SPECIFICATIONS



	astSC10	astSC20
Network Connectivity	Ethernet (10/100 Mbps, RJ45)	Ethernet (10/100 Mbps, RJ45)
Audio Streaming	SIP paging/ Multicast/ HTTP trigger	SIP paging/ Multicast/ HTTP trigger
Audio Compression	G.711, G.722, Opus, Wav, MP3	G.711, G.722, Opus, Wav, MP3
Frequency response	60Hz-15000Hz	50Hz - 14000Hz
Power	10W	20W
Amplifier description	Built-in Class D digital amplifier	Built-in Class D digital amplifier
Supported protocol	SIP, RTP, HTTP API	SIP, RTP, HTTP API
Material	ABS	ABS
PoE Support	Yes	Yes
Connectors	Ethernet, Power, Reset, Mic	Ethernet, Power, Reset, Mic
Adapter	PoE/12V 2A	PoE/24V 2A
Dimension(mm)	200 Ø	220 Ø
Weight (Kg)	0.9	1.3

astTECS Communications Pvt. Ltd.

35, Krishna Reddy Layout, Domlur, Bangalore - 560071, India

Contact No, : +91 - 80 6640 6640