

# AN-171mc Aristel 15W IP Speaker



### Crystal Clear Audio

With support for multiple audio formats in full-range audio from 80Hz to 20kHz.



### Multimedia Uploading

Pre-set alarms, school bells and uploading options for personalised sounds.



### Scheduled Broadcasting

Play pre-set audio at specific times with adjustable volume.



### Multicasting

Supports multicasting options.



### Easy-to-use software

It is straightforward to change settings and calibrate to your specifications.



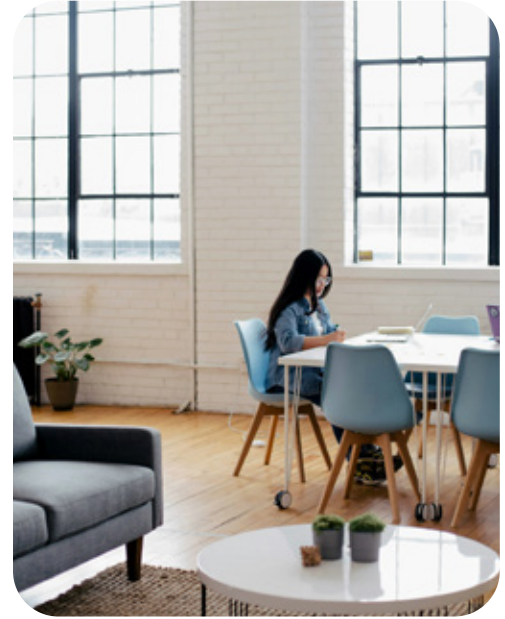
# Application scenarios



Schools



Uni campuses



Enterprises



**Aristel**

Alarm in / out      Pre - Record      HTTP Control      Schedule

**SIP**  
Compatible with VoIP, SIP devices (IPPBX, IP Phone) via SIP protocol

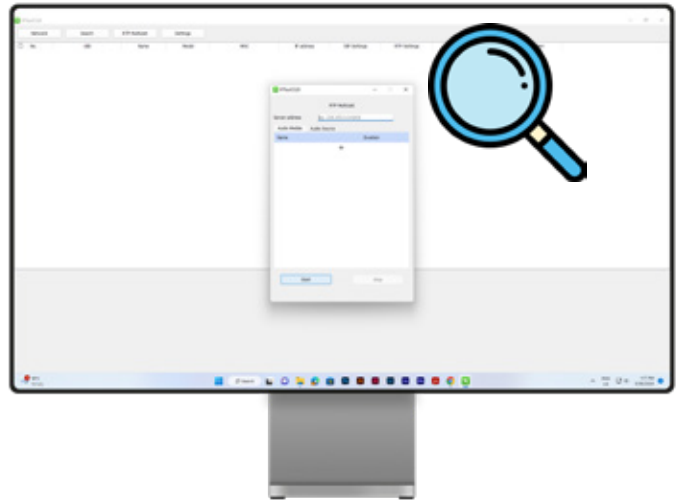
**ONVIF**  
Compatible with IP Camera VMS via ONVIF protocol

## Product Description

AN-171mc series is an IP-based paging speaker. They have different shapes, materials, and designs and can be easily installed indoors and outdoors. Aristel IP speakers are compatible with SIP & ONVIF protocols in VoIP and security fields. Up to 10 RTP multicast addresses enable the arrangement of different paging solutions. Alarms in an HTTP URL can combine with the alarm system: pre-recorded messages and scheduled broadcasting to meet various paging demands. The 48K OPUS Audio Codec enables excellent sound quality to make announcements, play background music, and set security alarms in schools, factories, hospitals, etc.

# Web Management Software Solutions

**IP search function**  
Connecting your devices easily.



Setup your AN-171mc device/s through the IPTool to customise and connect the system.

## Highlights



- IP67 waterproof design for installation in outdoors.
- PoE eliminates need for local power supply.
- 48K OPUS Audio Codec enables excellent sound quality .
- Support web firmware upgrade for easy maintenance.
- Standard SIP protocol to compatible with other SIP devices.
- Compatible with IP Camera VMS/NVR via ONVIF.
- Support Pre-recorded messages.
- Support HTTP API for alarm in transmit.
- Support RTP Multicast as alternation of SIP backend system.



## Specification

<b>Audio</b>	
Codec	OPUS 48 kHz, MP3 44.1 kHz, G.722 ADPCM 16 kHz, G.711 PCMU 8 kHz, G.711 PCMA 8 kHz
<b>Speaker</b>	
Max SPL	113dB
Frequency Response	300Hz ~ 8KHz
<b>Network</b>	
Security	Password protection, IP address filtering, Digest authentication, User access log
Network Protocol	SIP, ONVIF, HTTP, IPv4, DHCP, RTSP, RTP, RTCP, TCP, UDP, ARP, FTP, TFTP, NFS, NTP
Network Interface	10/100 Base-TX, RJ45
VoIP	Support SIP protocol for intergration with VoIP systimes, intergrated with SIP/PBX. Support ONVIF protocol for interaction with security systems, integrated with ONVIF VMS/NVR. Support SIP features: secondary/backend SIP server, IPv4 (IPv6 futhur). Support codecs: OPUS, G711U, G711A, GSM, MP3, WAV.
<b>Amplifier</b>	
Amplifier Description	Built-in 15W Amplifier
<b>General</b>	
Material	ABS (IP67 water-proof)
Rate Power	15W
Power Supply	PoE or DC 12V
Installation	Wall Mounted
Dimensions	225*165*240mm
Weight	1.4 KG
Languages	English
Warranty	1 year
Package Includes	IP Horn Speaker User Manual

## ONVIF & SIP Integration Compatibility

Interoperable with IP camera VMS systems via ONVIF, Aristel Networks IP audio devices enable functions such as paging, emergency notifications, and live announcements.

