2N® SIP Mic

A SIP based microphone console for paging can appeal not only by wooden designer case, but also by various advanced functions such as broadcasting to 12 zones, two-way communication thanks to an inbuilt speaker, or playing back pre-recorded messages. All these functions are available without the need of server or distance limitations.

Schools and campuses	Health care services
Office buildings	Sports facilities

Server-less paging to up to 12 zones

2N® SIP Mic uses a multicast technology and sophisticated controlling mechanism hence enabling communication to up to 12 zones. Moreover, the microphone console- speaker connection is straight forward, no server needed.

Powerful interface for communication

Call from the 2N IP intercoms to the paging console with an inbuilt speaker thanks to SIP protocol.

Pre-recorded announcements

Upload or record a message via the microphone and then play it by simple push of a button to a designated zone. It is an ideal solution for places where similar messages are broadcasted several times a day.

2N® SIP Mic

Easy configuration
The zone, priorities and pre-recorded messages are simply configured via the web interface.

Axis Vapix® support for paging
Broadcast directly from 2N® SIP Mic to compatible Axis Speakers and cameras.

Easy installation with a single cable
The 2N® SIP Mic is very easy to install simply by connecting it to an existing IP network with a PoE cable.

Listen-in function
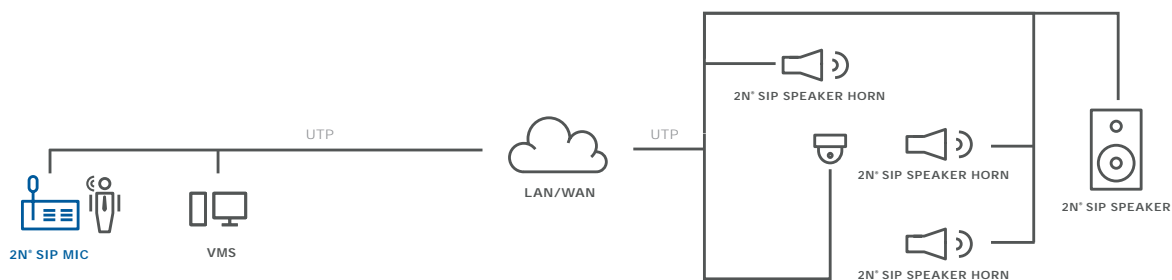At simple press of a button one can listen to what is happening in certain zone.

Announcements pre-recording
Record your own messages via the software application or using the microphone console itself.

Support for IP PBX (SIP)
The 2N® SIP Mic device may function independently Eor be simply connected to IP PBX.

Audio stream

SIP2.0, RTP multicast, VAPIX®

Audio codecs	G.711u, G.722
Speakers	2 built-in, stereo, power output 2x1 W

Interfaces

Logical inputs	2, galvanically separated, sensitive to contact or voltage from 5 to 48 V
Relay output	1, galvanically isolated, NO and NC contact, max load 48 V, 1 A
Headphone output	3.5 mm jack, stereo, power output 2x30 mW, min. load impedance of 16 Ohm, DR. 101 dB, THD+N -85 dB
Primary microphone input	symmetric, XLR, integrated phantom power supply 24 V, DR 88 dB, THD+N -82 dB
Headset microphone input	3.5 mm jack, integrated power supply for electret microphones, DR 84 dB, THD+N -78 dB
Line input	3.5 mm jack, mono or stereo non-symmetric stereo, DR 93 dB, THD+N -82 dB

Power supply

12 to 32 V, power draw max. 1 A

PoE to 802.3af standard

Dimensions

209 x 65 x 143 mm

Operating temperature

temperature range 0-40°C

Buttons and labels

Double button	28mm x 14mm
Large button	14mm x 14mm
Small button	9mm x 9mm

2N® SIP Speaker – SIP-enabled active IP loudspeaker
2N® SIP Speaker Horn – Outdoor speaker for live announcements via IP network
2N® SIP Audio Converter – SIP audio to analogue audio converter