



## 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  
Office buildings

Health care services  
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.

### Two-way 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

## FEATURES & BENEFITS

### 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.

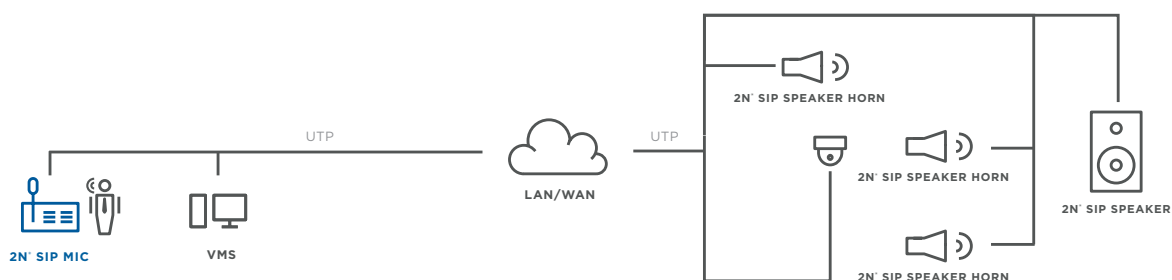
### Announcements pre-recording

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 or be simply connected to IP PBX.

## DIAGRAM



## TECHNICAL PARAMETERS

### 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 jack 3,5mm, symetrický mono nebo nesymetrický stereo, DR 93dB, THD+N -82dB

### 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

Label dimensions 39.6 mm width x 9 mm height  
Large button (to talk) 25.5 mm x 12 mm  
Small button (to listen) 12mm x 12mm

## HARDWARE

**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