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.

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 straightforward, 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.
**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.

---

**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: 3.5 mm jack, 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: 28 mm x 14 mm
- Large button: 14 mm x 14 mm
- Small button: 9 mm x 9 mm

---

**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