



# 2N SIP Audio System



## What is 2N SIP Audio system?

- Serverless public address **over IP**
- Paging **over IP**
- Bell Scheduler **over IP**
- Live challenge **over IP**





## Where to use?



Leisure & Hospitality



Healthcare



Education



Manufacturing



Transportation



Retail



## Advantages

- **Reducing** management and maintenance **costs**
- **Remote** maintenance (Service)
- **Simple installation** (IP/ PoE)
- **Easy to manage** (Web interface)
- Create **new, value adding solutions** by integrating with any other 3<sup>rd</sup> party systems (Traditional or IP)





# 2N SIP Audio end-points





## SIP based paging console

- **2way** communication
- **Live** or **preset** announcements
- **Server-less paging** to up to 12 zones
- Own **audio messages recording**
  - Web
  - Microphone
- **Simple installation** with one network only (Audio + PoE)
- **3<sup>rd</sup> party** device control (<http>)





## SIP based paging console

- PoE or 12V powered
- Audio stream
  - SIP, RTP, VAPIX®
- Audio codecs
  - G.722, G.711u
- Web based configuration





## IP based loudspeaker & amplifier

- **Live or pre-recorded announcements** from IP phones or VMS (SIP and ONVIF support)
- **Loud and intelligible** speech
- **Scheduled** announcements
- **Simple installation** with one network cable only (Audio + PoE)







## IP based loudspeaker & amplifier

- **PoE** or 12V powered
- **18W amplifier** (SPLmax = 99 dB)
- Possibility to connect **2nd speaker**
- **Multicast, InformaCast** support
- Http or SIP call for **triggering of pre-recorded messages**
- **Web based** configuration
- **2 SIP** accounts





## Typical use

- Security Speaker
  - Linked with VMS providing an active protection of your premises
- SIP (VoIP) Paging
  - Announcements from IP phones
  - Zones definition
  - Pre-recorded messages





## Enhanced Security

- Cameras and burglar alarms are **passive elements** which inform you about actual crime that has taken place
- Together with VMS it will bring an **active protection** solution for your premises





## IP based Hornspeaker & amplifier

- **Live or pre-recorded announcements** from IP phones or VMS (SIP and ONVIF support)
- **Loud and intelligible** speech ( $SPL_{max} = 124dB$ )
- **Simple installation** with one network cable only (Audio + PoE)
- **Scheduled** announcements
- **Enhanced reliability** with auto speaker test
- **IP67**





## Typical use

- Security Speaker
  - Linked with VMS providing an active protection of your premises
- SIP (VoIP) Paging
  - Announcements from IP phones
  - Zones definition
  - Pre-recorded messages





## SIP <-> Analog audio converter & amp

- **2way** audio
- **SIP** PBX support
- **18W** amplifier
- **High quality audio** (G.722)
- **Pre-recorded** announcements
- **Standalone unit**
- **Web** based configuration
- **2 SIP** accounts





## Typical use

- SIP intercom
  - solution for any existing intercom front panel
- SIP (VoIP) Paging
  - Announcements from IP phones
  - Zones definition
  - Pre-recorded messages





**AUDIO CONTENT DISTRIBUTION  
WITH NO LIMITS ON DISTANCE**