An Axis company

2N® SIP Audio Converter

Connect your Public Address toyour telephone system and use it to make announcements via your mobile phone. 2N® SIP Audio Converter converts the sound from a SIP phone system to the classic analogue form so you can broadcast live or pre-recorded messages over the IP network to any distance.

Offices and warehouses	Sports facilities
Health care	Parking and secure zones
Schools	Government buildings
Shops	Other public spaces

Two-way Communicator
Use the Converter with an external speaker as a simple Public Address system or with a microphone as a two-way communicator on the principle of a simple IP intercom.

Multicast broadcasting
Broadcast to an unlimited number of end devices, all without burdening your LAN/WAN with redundant data-streams.

Using the IP audio features
Set up different zones, schedule the broadcasting of pre-recorded tracks or regulate the volume. The Converter can easily be connected to 2N® IP Audio Manager software to take advantage of its countless possibilities.

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Built-in relay
External devices can be controlled using the relay or you can use it as a priority switch (override mode).

Powerful amplifier
2N® SIP Audio Converter has a built-in amplifier with an output of 2x10 W so it can easily be connected to a speaker without the need of an externalamplifier.

Calling
By connecting a microphone and a switch button you can call up to three pre-set numbers.

Remote control
Easily adjust volume using the remote control or web interface. This is especially handy when installing in high-up or relatively inaccessible places.

Easy installation
Simply plug the Converter into an existing LAN/WAN network. No tricky programming or cable installation.

Simple configuration
The device is configured via a custom Web interface or the SW application, which saves time, especially in the case of large-scale installations.
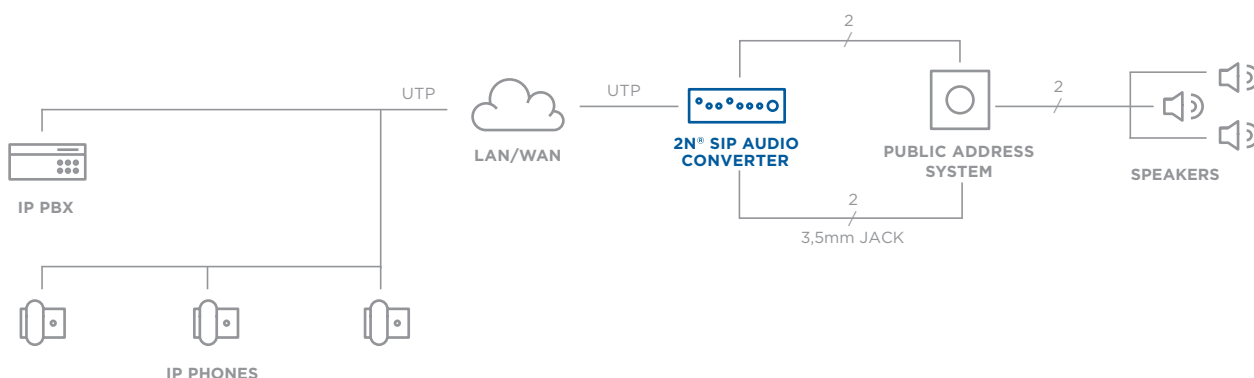
Informacast protocol support
The Informacast protocol allows for spoken or sound recording play back from Cisco devices.

Integration to other systems
The speaker is easily integrated into third-party systems.

DIAGRAM

TECHNICAL PARAMETERS

Amplifier properties

Amplifier outputs	4x connector on the rear panel, STEREO/MONO with autodetect
Loudspeaker impedance	4-8Ω
Amplifier output	Up to 2x10 W subject to connection type
Frequency range	20Hz – 20kHz (+/- 0.5dB)
Harmonic distortion	0,05% @ 1kHz
Signal-to-noise ratio	91dB

Interfaces

Status signalling	3x RG LED on the front panel
Local control	3x Button on the front panel
Remote control	1 x Infrared sensor on the front panel
LAN connection	RJ-45 connector on the back panel 10/100BASE-TX with Auto-MDIX function
Headphone/Line output	1x 3.5 mm STEREO jack on the front panel
Microphone/Line input	1x 3.5 mm STEREO jack on the front panel

Power supply

Power from an external source	12V DC / 1,8A
Power over Ethernet	PoE IEEE 802.3af

Dimensions and weight – standalone 2N® SIP Audio Converter

Dimensions	105 x 34 x 86 mm
Dimensions (with L-profiles)	130 x 34 x 86 mm
Weight	300 g
Operating temperature	0°C – 50°C

SOFTWARE

2N® IP Audio Manager – an application, the nerve-centre of 2N IP audio
2N® IP Audio Control Panel – an application for controlling 2N IP audio via a computer
2N® IP Audio Remote Control – an application for controlling 2N IP audio via a smart-phone or tablet
2N® IP Audio Console – allows music to be played back via any PC