



2N® SIP Audio Converter

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



Offices and warehouses
Health care
Schools
Shops

Sports facilities
Parking and secure zones
Government buildings
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 and its endless possibilities.

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FEATURES & BENEFITS

Built-in relay

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

Powerful amplifier

2N® SIP Audio Converter can easily be connected to a speaker without needing an amplifier. One is already built-in, and has an output rating of 2x10 W.

Calling

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

Remote control

Easily adjust the volume using the remote control or via the web interface. You will find this handy especially when installing in high-up or relatively inaccessible places.

Easy installation

You need only plug the Converter into an existing LAN/WAN network. No need of tricky programming or cabling installation.

Simple configuration

You configure the device via a custom Web interface or by using the SW application, which saves you time, especially with larger-scale installations.

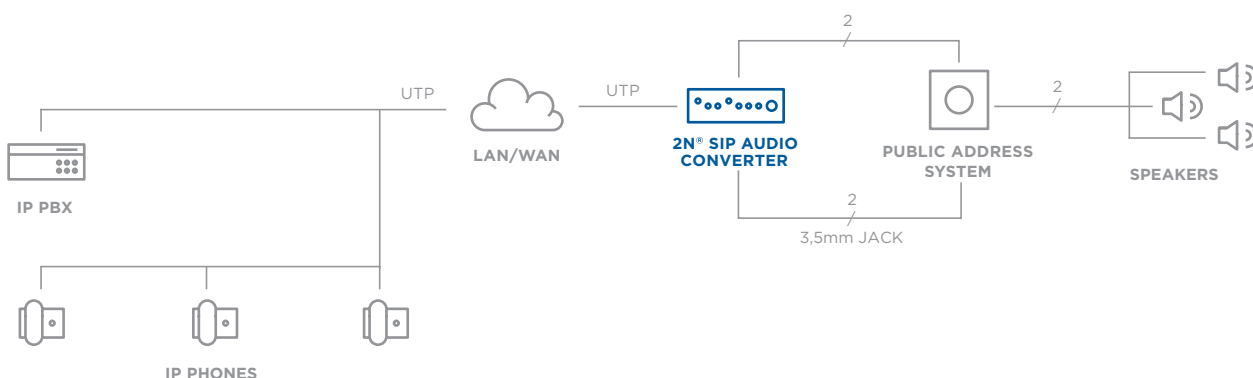
Informacast protocol support

Thanks to support for the Informacast protocol you will be able to play back the spoken word or sound recordings 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

SOFTWARE

2N® IP Audio Manager - application, the nerve-centre of 2N IP audio

2N® IP Audio Control Panel - application for controlling 2N IP audio via a computer

2N® IP Audio Remote Control - 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