2N® SIP Speaker

Take advantage of the 2N® SIP Speaker for playback of live or pre-recorded announcements. This enduring speaker offers a fully-featured audio system with SIP protocol support. What's more, it doesn't need any additional HW or SW investment, e.g. a computer with supporting applications.

Offices and warehouses	Parking and Security
Health care	guarded premises
Schools	Government buildings
Shopping centres	and offices
Sports facilities	Other public spaces

Live and pre-recorded announcements

Broadcast live or pre-recorded announcements. Not only from an IP phone or SIP microphone console but when using an IP PBX, even from your mobile phone.

Scheduled announcements

This innovative loudspeaker also has the functionality for advanced scheduling. You can thus easily prepare a schedule of reporting, separately for each zone.

Informacast protocol support

2N® SIP Speaker supports Informacast protocol. Thanks to this you will be able to play the spoken word or sound recording even from Cisco devices.

2N® SIP Speaker

FEATURES & BENEFITS

Server-less solutions
2N® SIP Speaker is a comprehensive audio solution, with no need of a server. It saves you buying hardware.

Powerful amplifier
Integral to the speaker is a 2N® SIP Audio Converter with built-in powerful amplifier rated at 2x10W.

Easy installation
You simply plug the speaker into an existing LAN/WAN network. There is no tricky programming or installation of cabling.

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.
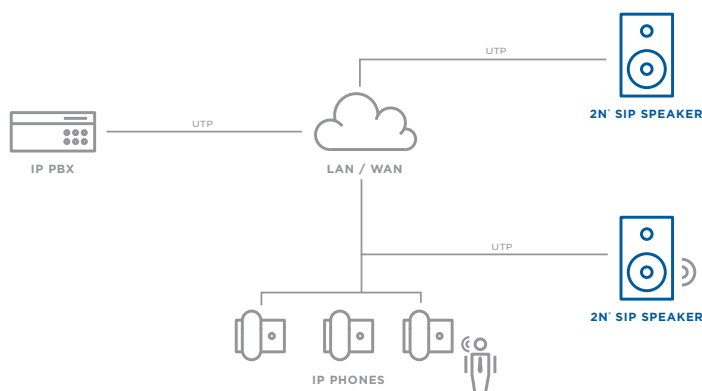
Backup proxy server
In critical situations, you'll appreciate the backup proxy server that allows you to make announcements even in case of a failure or malfunction of the PBX.

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

DIAGRAM

IP PBX — UTP — LAN / WAN — UTP — 2N® SIP SPEAKER

UTP — 2N® SIP SPEAKER

IP PHONES

TECHNICAL PARAMETERS

Audio parameters

Output	8W PoE / 12W 12V
Sound pressure	99dB (SPLmax)
Impedance	8 Ohm
Frequency range	75Hz – 20KHz
Harmonic distortion	0,05 % @ 1 kHz
Signal-to-noise ratio	91 dB
Audio codecs	G.711 (PCMA, PCMU), G.729 (Annex A, B), G.722, L16/16kHz

Mechanical properties

Dimensions (h/w/d)	250 x 176 x 143mm
Weight	2,3kg
Colour	Black/White

Power supply

External power supply	12V DC / 2A
Power over Ethernet	PoE IEEE 802.3af

LAN connection

RJ-45 connector on rear panel	10/100BASE-TX with Auto-MDIX

SOFTWARE

2N® Network Scanner – application for detecting speakers on the network
2N® IP Audio Manager – application, the nerve-centre of 2N IP audio