



Get a high quality audio distribution without pointless costs

2N® IP Speaker is an up-to-date loudspeaker which has an incorporated IP audio system 2N® NetSpeaker. Thanks to this combination of two products in one you get a complete IP solution for audio distribution, which will allow you to play any audio stream from any computer in your LAN/WAN network. This makes the 2N® IP Speaker a perfect solution especially there, where you have no audio cables installed yet in your premises.

The IP technology the 2N® IP Speaker is based on completely removes the distance limits. With this technology you can simply connect the IP loudspeaker to a network and stream audio anywhere. Besides this, using the existing wiring instead of more expensive audio cables makes its installation not only faster, but also cheaper.

A necessary prerequisite for functioning of the 2N® IP Speaker is a 2N® NetSpeaker Server software application. The application manages different audio sources and streams them into all IP loudspeakers connected to the network. It will also allow you to create a separate zone from each of the 2N® IP Speaker units and stream different content into each zone as necessary. You can also purchase an extra software application package, which expands the Speaker's functions significantly.

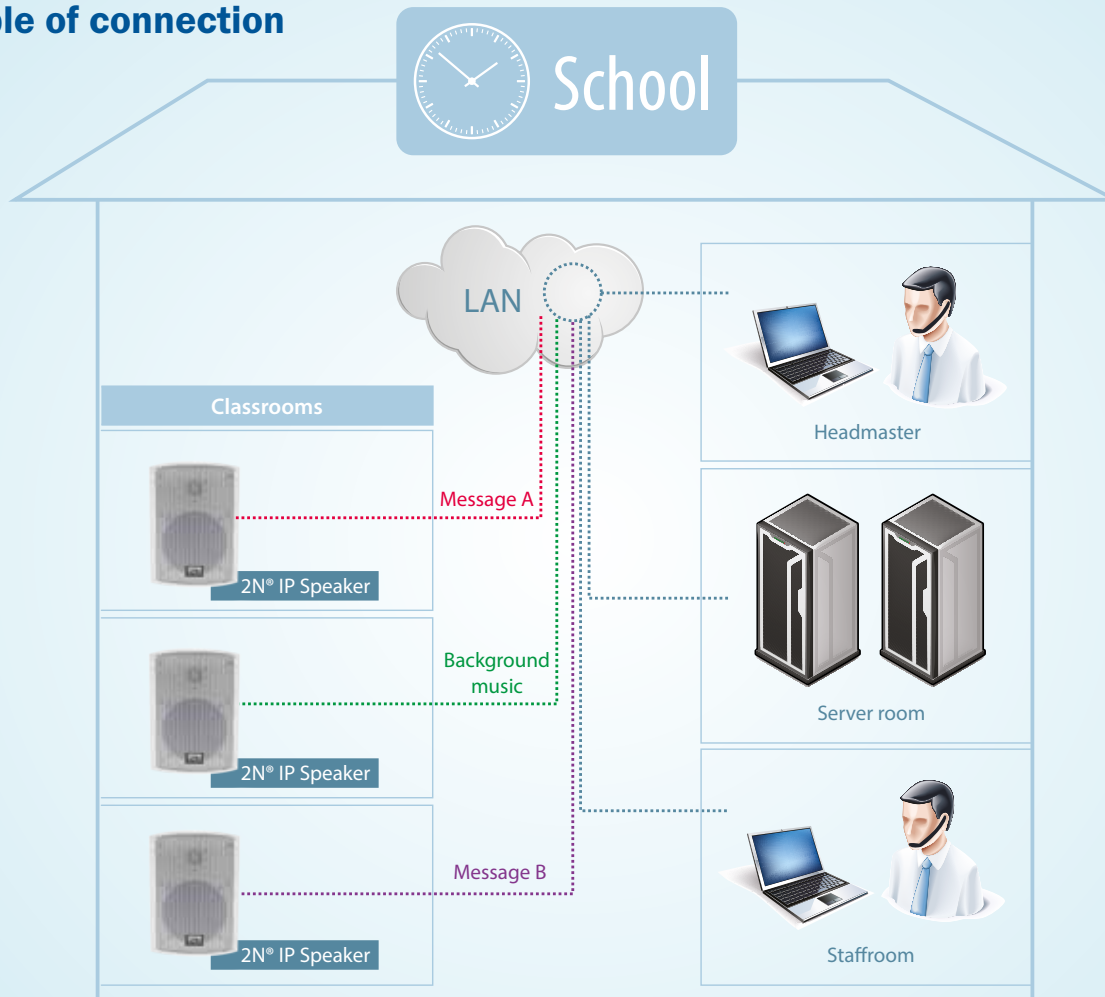
Why to choose the 2N® IP Speaker?

- Audio distribution anywhere, where there is an IP network
- Usage of existing LAN/WAN network
- Easy connection of large and very distant destinations
- Possibility to create separate zones with different contents
- Free SW package
- Central management of all loudspeakers
- Cheaper and faster installation

Use:

- Hotels, restaurants, cafés
- Shopping centers, chain stores, supermarkets
- Wellness and fitness facilities
- Transportation terminals and waiting rooms
- Schools
- Administration premises
- Sports, culture and other public facilities

Example of connection



Technical Parameters

2N® IP Speaker – wall-mounted with a console

Impedance	8 Ohm
Output	8W PoE / 14W 12V
Frequency range	75 Hz - 20 KHz
Sound pressure (SPL 1W/1m)	100 dB
Dimensions (H/W/D)	250 x 176 x 143 mm
Weight	2,3 kg
Color	black/white

Another passive loudspeaker can be connected

Audio stream

Sound compression	MPEG-1 Audio Layer II (MP2)
Bandwidth	32-320 kbps
Stream	unicast/multicast

2N® IP Speaker – ceiling installation

Impedance	8 Ohm
Output	8W PoE / 14W 12V
Frequency range	90 Hz - 24 KHz
Sound pressure (SPL 1W/1m)	105 dB
Dimensions (W/D)	250 x 175 mm
Weight	4,9 kg
Color	white

Power supply

External power source	12V DC / 2A
Power supply from LAN	PoE IEEE 802.3af



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