



Connect a traditional audio source to the world of IP

Despite the gradual modernisation of audio systems to IP technology, customers are still encountering the need to connect an IP audio system to a traditional music source such as FM radio stations, CD players or a microphone. So that you can modernise your IP audio system while maintaining current audio signal sources, we have developed a clever IP device, the 2N® NetStreamer, which can transfer traditional audio sources to IP form and then ensure audio distribution over an IP network to various destinations.

The 2N® NetStreamer is an ideal solution, especially in cases where the customer is changing over, for example, from an “out-dated” 100V public address centre to a modern IP audio system, but there is a problem with the connection of current audio sources. The audio signal is sent over an IP network directly to the 2N® NetSpeaker Server application, which then distributes audio to pre-set destinations (e.g. a 2N® NetSpeaker IP audio system with a speaker, IP intercom, Cisco telephone, etc.) and plays different message content at each of these destinations.



Use:

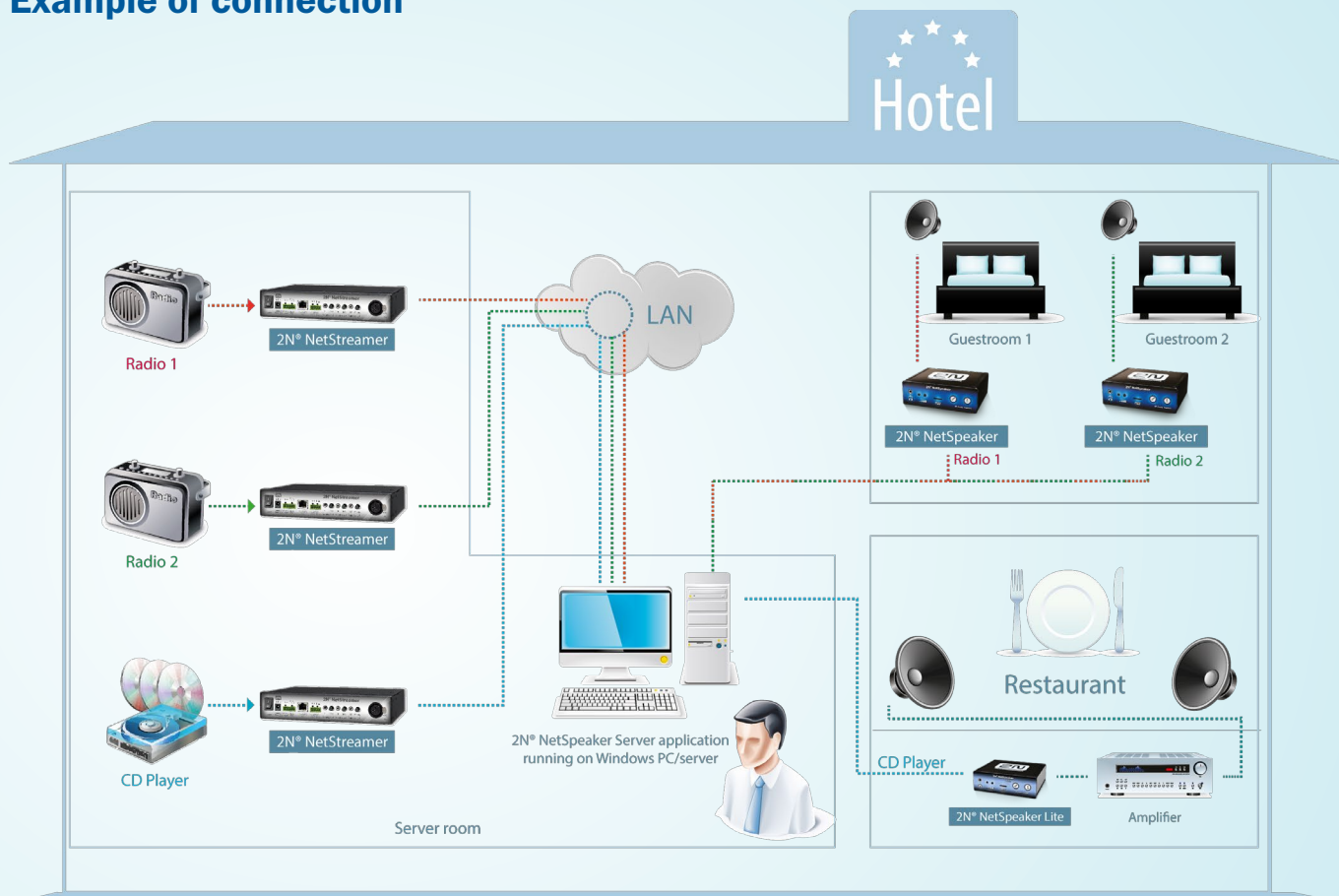
- Hotels, restaurants and coffee shops
- Shopping centres, retail chains and supermarkets
- Wellness and fitness centres
- Railway stations and waiting rooms
- Sports, cultural and other public spaces
- Office spaces

Why choose the 2N® NetStreamer?

- Use of analogue music sources with a modern IP audio solution
- Ability to use more than one audio signal source
- Central management
- Use of current LAN/WAN network
- Simple and fast installation
- Easy and comfortable operation

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Example of connection



Technical Parameters

Interfaces

Logic inputs	2, galvanically isolated, sensitive to contact or current from 5 to 48V
Relay output	1, galvanically isolated, NO and NC contact, load of max. 48V, 1A
Headphone output	3.5mm jack, stereo, output of 2 x 30mW, min. impedance of 160hm, DR 101dB, THD+N -85dB
Main microphone input	symmetrical, XLR, integrated phantom power supply 24V, DR 88dB, THD+N -82dB
Microphone input for headset	3.5mm jack, integrated power supply for electret microphones, DR 84dB, THD+N -78dB
Line input	3.5mm jack, symmetrical mono or asymmetrical stereo, DR 93dB, THD+N -82dB

Power supply

12 to 32V, max. 1A
PoE in accordance with 802.3af standard

Audio stream

PCM, 44 100KHz, 16bit, Stereo (1 650 kbps)
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Dimensions

220 x 45 x 140mm

Operating temperature

0 - 40°C

Operating humidity

10-95% (non-condensing)



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