



2N® Net Audio Decoder Lite

Bring your sound system up to IP audio and take advantage of its unlimited possibilities. Control your broadcast centrally from one location. To do this, all you need is the more economical version of the converter from IP audio signal into the classic analogue form. Use the 2N® Net Audio Decoder Lite for when you don't need an amplifier or PoE supply.



Schools and campuses
Amusement parks
Office buildings
Health care

Sports facilities
Shopping centres
Railway stations, airports
Other public spaces

Quick installation

Connect the encoder to your existing LAN/WAN network and easily set it all up in the software application. There is no tricky programming or installation of cabling to worry about.

Easy operation

Take control of your IP audio system from your computer, tablet or mobile phone. Easily schedule the broadcasting of pre-recorded tracks, adjust the volume and monitor device operation.

Creating separate broadcast zones

Broadcast diverse content to as many as 100 different destinations; Exactly the way you need to. Moreover, the application lets you devise separate broadcast schedules for all the zones.

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FEATURES & BENEFITS

Backup solution

If you insert a backup SD card with music into the decoder, this will start up automatically in the case of a network outage.

Online monitoring

You will have an overall view of the status of all devices and can instantly identify any fault..

Live announcements

Live inputs can be sent from a microphone, computer, or phone. You can also prioritize between announcements.

Local decoder control

You can easily adjust the volume of the decoder using an IR remote control. Pre recorded audio messages can be played using the button or a motion sensor.

Extending legacy audio systems

The Decoder can easily be linked to traditional analogue audio systems..

Bulk firmware upgrade

When a new version of the firmware is released you can update all the devices easily from one location.

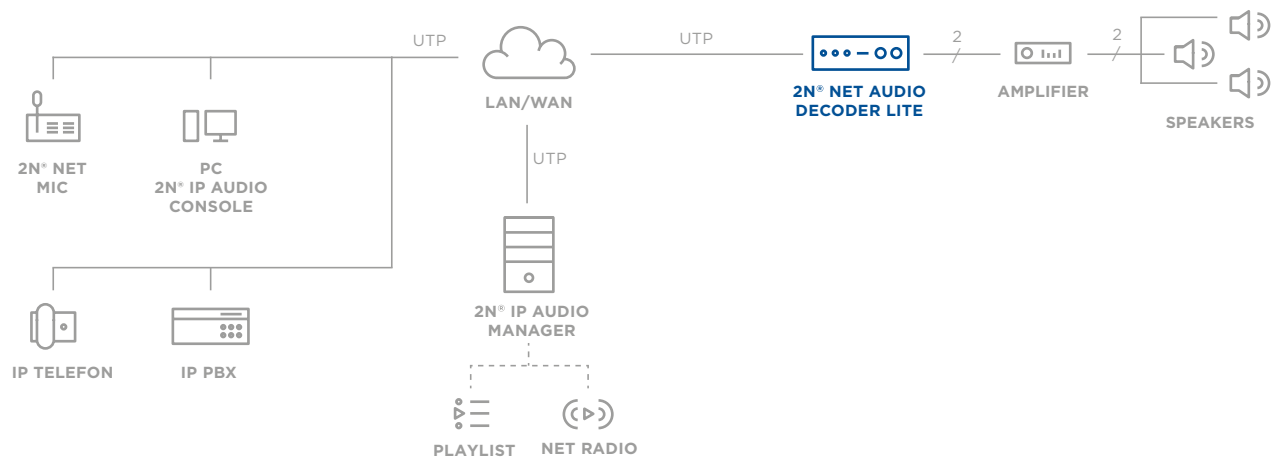
Integration to other systems

The Decoder can be easily integrated into third-party systems using the API.

Power supply

2N® Net Audio Decoder Lite can be line powered using PoE or from a 12 V power source.

DIAGRAM



TECHNICAL PARAMETERS

Audio properties

Audio compression	MPEG-1 Audio Layer II (MP2)
Bandwidth	32-320kbps
RTP multicast	G.711a-law / u-law Linear PCM 16bit Stereo / Mono

Backup playback

MicroSD card	max. capacity 32 GB
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Interfaces

Digital output	Relay output 24 V 1 A AC/DC, galvanically isolated
Digital input	1x Digital input, 5 to 24 V DC, galvanically unisolated
Remote control	1 x Infrared sensor on the front panel

Headphone/Line output

1x 3.5 mm Stereo jack on the front panel

Power supply

External power supply 12V DC / 2A

Dimensions and weight

Dimensions	105 x 34 x 86 mm
Dimensions with L-profiles	130 x 34 x 86 mm
Weight	300 g

Operating temperature

Temperature range 0 - 40°C

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 Virtual Sound Card - allows music to be played back via any PC

2N® IP Audio Console - allows music to be played back via any PC