

# Comium 30

Surface mounted loudspeaker

V1.1

# Comium 30 owner's manual

Version 1.1

Updated versions uploaded to [www.nnnn.no](http://www.nnnn.no)

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Keep this document with the product or in safe storage so it is readily available if needed.

This document should accompany the product if it is ever resold.

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# Contents

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Safety	4
Personal injury	4
Material damage	4
Product Description	5
Familiar form	5
Patented technology	6
Deployment	6
Materials	6
Electroacoustics	7
Operation	8
Specifications	9
System data	9
Loudspeaker data	9
Physical data	10
Measurements	10
EU conformity	11
WEEE statement	12

# Safety

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## Personal injury

Never stand in the immediate vicinity of loudspeakers driven at a high level. Professional loudspeaker systems are capable of causing sound pressure levels detrimental to human health. Even seemingly non-critical sound levels (from approx. 95 dB SPL) can cause hearing damage if people are exposed to it for longer periods of time.

In order to prevent accidents when deploying loudspeakers on the ground or when flown, please take note of the following:

When setting up the loudspeakers or loudspeaker stands, make sure they are standing on a firm surface. If you place several systems on top of one another, use appropriate securing gear to prevent movement.

Only use accessories which have been tested and approved by NNNN for assembly and mobile deployment. Pay attention to the correct application and maximum load capacity of the accessories as detailed in our rigging manuals.

Ensure that all third party hardware, fixings and fasteners used for installation or mobile deployment are of an appropriate size and load safety factor. Pay attention to the manufacturers' instructions and to the relevant safety guidelines.

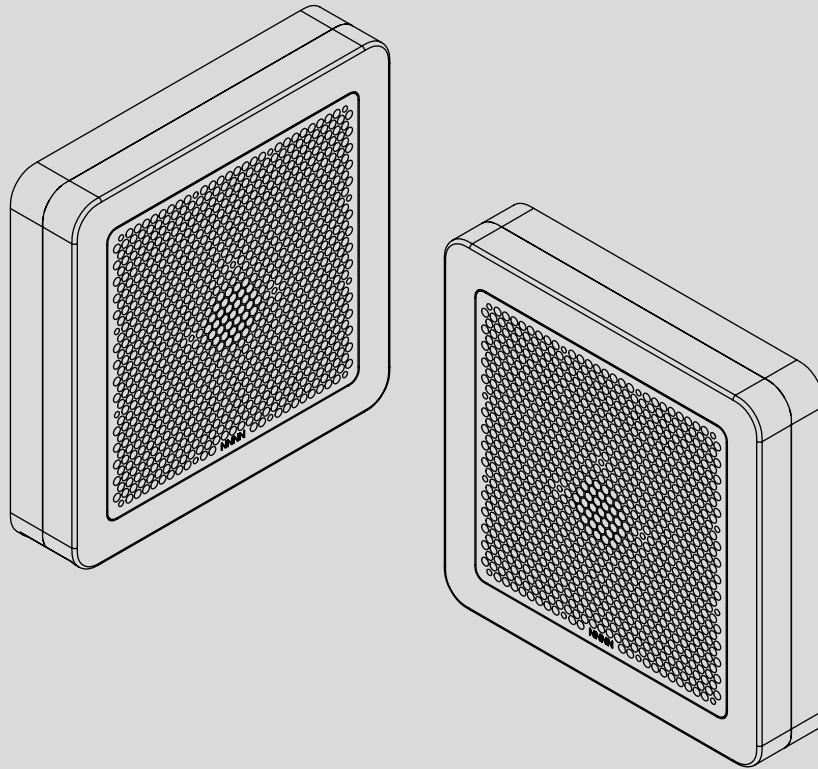
Be careful of pinching and other physical hazards when deploying or transporting equipment.

Regularly check the loudspeaker cabinets and accessories for visible signs of wear and tear, and replace them when necessary.

Regularly check all load bearing bolts in the mounting devices.

## Material damage

Loudspeakers contain magnets which may damage electronic equipment such as hard drives, bank cards, and video monitors. Please store and transport such equipment separately or within appropriate distance to the loudspeakers.



## Product Description

The Comium 30 is a surface mounted point source for a wide range of applications. It is capable of providing high-quality bass output in spaces that would normally miss out on this important aspect due to space and interior requirements. The Comium 30 combines 8" and 1" drivers in a compact combined horn and transmission line cabinet.

### Full range

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The Comium 30 has a low frequency extension similar to a medium sized home theater subwoofer despite it's compact form factor. Bass is an important part of how we experience sound with both our ears and body. For both music and film, a proper low frequency reproduction is often what separates a great sound system from a decent one. This is as true for custom installation as it is for a home audio setup.

## High tech

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The technology employed in the Comium 30 enables high sensitivity, good impulse response and low distortion level across the loudspeaker's full frequency range.

## Deployment

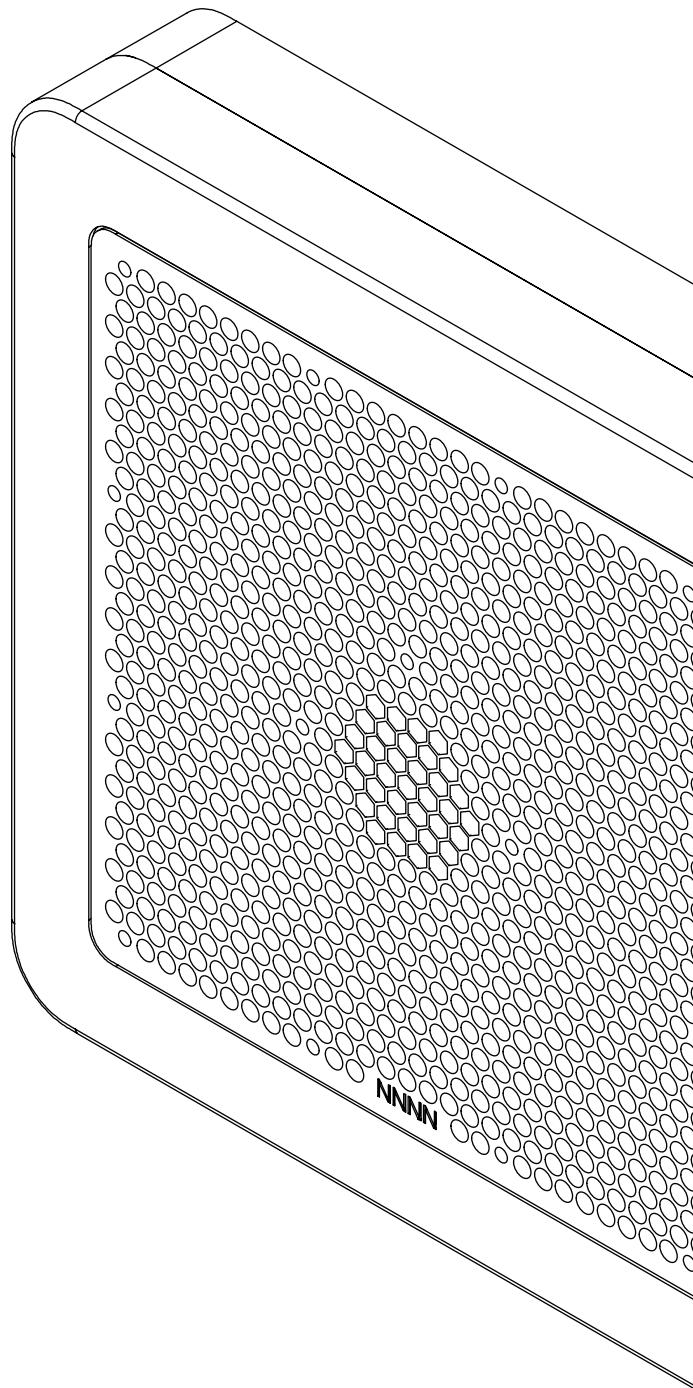
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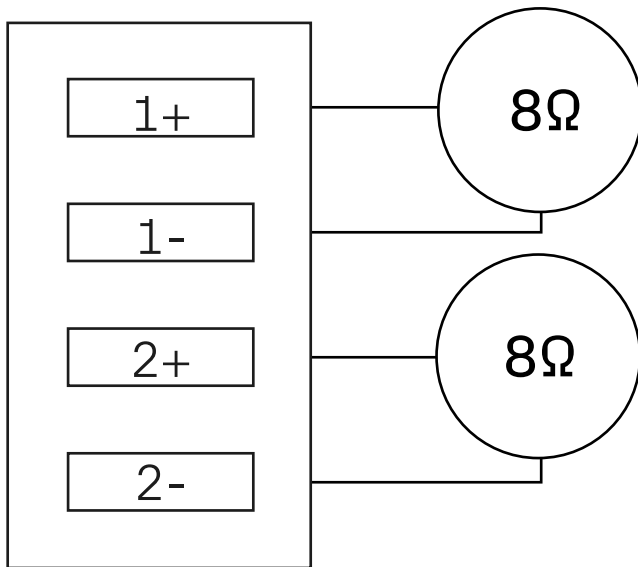
The Comium 30 is a in/on-surface point source, and can be mounted on or built into the wall or ceiling. The spring loaded quick connect terminals make wiring and installation simple.

## Materials

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The Comium 30 is designed to be light and sturdy. The cabinet is made of plywood that is covered with a scratch, and impact resistant polyurethane coating. The grilles and input panel are made of coated aluminium.





# Electroacoustics

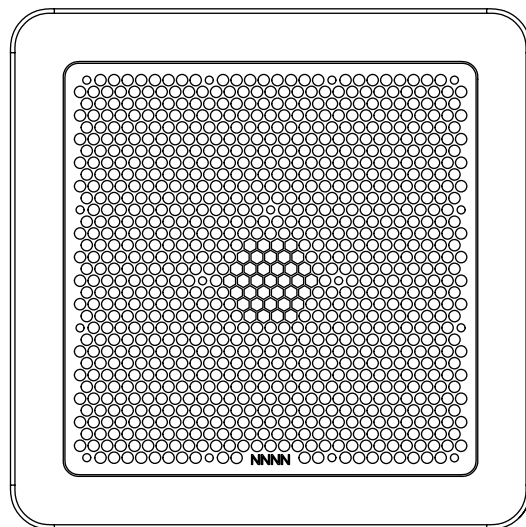
The Comium 30 is a surface-mounted point source, best suited for installation. In the rear panel there are spring loaded quick connect terminals which make for quick and versatile setups and installation. While one of the connectors is used to power the cabinet, the second can be used to interconnect cabinets.

## Operation

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The Comium 30 is a 2-way cabinet that can be driven by any Powersoft amplifier with a NNNN preset or amplifiers with at least two output channels of an appropriate capacity and the NNNN preset loaded into its DSP/external DSP, any of these solutions must be wired into a SpeakON 8 pole connection. Updated Powersoft amplifiers include presets for the Comium 30 in several different setups, which can be accessed through the native menu Speaker preset > NNNN > Turage > Comium 30. A detailed description of the operation of Powersoft amplifiers can be found in the Powersoft Quick Guides.

# Specifications Comium 30



## System data

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Frequency response	30Hz - 22kHz
Max cont. SPL (1m, 2Pi)	114dB
Nominal dispersion	90° radial

## Loudspeaker data

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Nominal impedance	HF 8 ohms
	LF 8 ohms
Power handling capacity (cont.)	25 W
Connections	1 × Euroblock
Components	1 × 1"
	1 × 8"



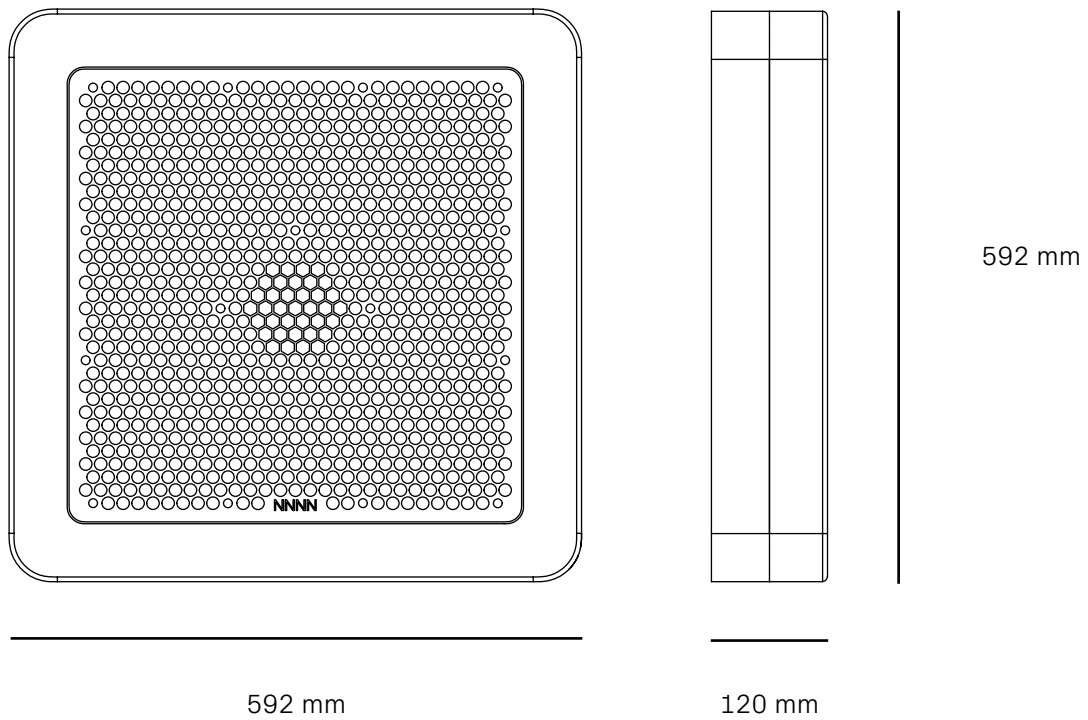
## Physical data

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Height	592 mm / 23.3"
Width	592 mm / 23.3"
Depth	120 mm / 4.8"
Weight	13.8 kg / 30.4 lbs

## Measurements

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## EU conformity

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This declaration applies to loudspeakers manufactured by NNNN AS. A more detailed document may be found at [nnnn.no](http://nnnn.no).

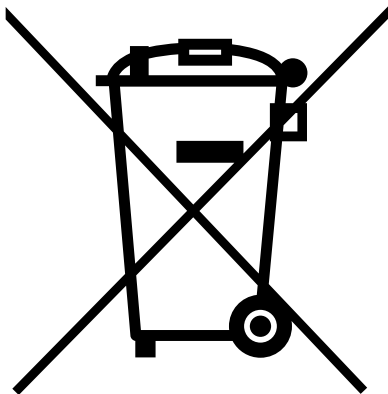
NNNN AS declares that all versions of the following product(s):

### NNNN Comium 30

We declare that these product(s) are in conformity with the provisions of the respective EC directives including all applicable amendments.

2014/35/EU, Low Voltage Directive  
2011/65/EU, RoHS

NNNN AS accept responsibility for this declaration



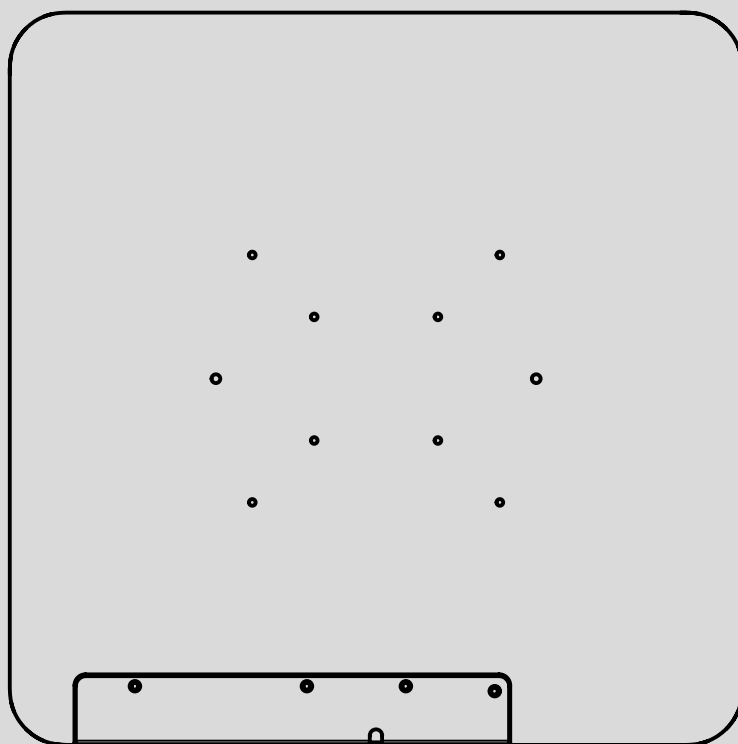
## WEEE statement

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Electrical and electronic equipment must be disposed of separately from normal waste at the end of its operational lifetime. Please dispose of this product according to the respective national regulations or contractual agreements. If there are any further questions concerning the disposal of this product, please contact NNNN.

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