

# Comium 30 A

Full Range Studio Monitor



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2-way design with broad coherence

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30 Hz bass extension

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For studios with limited space or Atmos setups

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Utilizes boundary for enhanced performance

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Self-powered or 2-way configuration

Configuration

Frequency response (3dB)

Max. SPL (cont./ peak)(calc.)

Nominal dispersion

Self-powered

30 Hz - 22 kHz

104 dB / 116 dB

90° x 90°

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Drivers

Nominal impedance

Power handling

(cont./peak)

Connections

Mounting

5.25" + 1"

Tweeter: 6 Ω

Woofer: 8 Ω

Tweeter: 55 W / 150 W

Woofer: 180 W / 300 W

Input: 2 × XLR/Jack combo

Output: XLR

400 × 200 mm VESA mount

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Dimensions (WxHxD) mm

592 × 592 × 120 mm

23.3 × 23.3 × 7 in

Weight

13.8 kg / 30.4 lb

## Broad coherence window

Comium 30 is designed to have a wide and even dispersion pattern within its bandwidth. This feature enables a similar sweet spot when mixing in a studio, both sitting and standing, or if moving between seating positions. The tweeter has a waveguide with DXT lens that provides wide dispersion even at the highest frequencies in its bandwidth, and its integration with the woofer makes it emulate something close to a true point source.

## Boundary speaker

The Comium 30 is a boundary loudspeaker, which means that it uses boundaries like a wall or ceiling as an acoustic amplifier, enabling higher SPL and lower bass extension. This also ensures that there are no reflections off the back wall that are out of time from the main signal, resulting in very high-quality audio reproduction in most scenarios. The form factor makes it very space efficient and blends it visually into its surroundings.

## Transmission line

Comium 30 has a transmission line acoustic design to enable a low frequency response while retaining good impulse response and definition. With the custom woofer the transmission line design provides more output than an equal volume bass reflex box with the same woofer and a more linear behavior from low to high sound pressure. Combined with the boundary loading, the Comium 30 has an impressive low frequency response from a relatively small wall mounted cabinet.

## Stereo or Atmos

Comium 30 is available in a self-powered configuration, as well as a 2-way version for use with external amplifier with DSP. It is suitable for demanding studio work, and is very well suited for surround and spatial audio, both for mixing and mastering. Comium 30 is included in Dolby's Audio Room Design Tool (DARDT) for certified Atmos installs.