

### cerasonar 4080 ultimate (1281-1)

Power rating	75 w RMS (150 w max)
Impedance	4 ohms
Frequency range	35 - 30.000 hz* / *2
Frequency range with cs-500dsp4	30 - 30.000 hz* / *2
max SPL	103 db
Dispersion range	180° x 180° h/v.
Single stereo mode	no
for humid environments	no
Drywall	1- or 2- layered 12,5 mm plasterboard
Installation cut out	34,0 x 74,0 cm
Dimensions	40,0 x 80,0 x 9,3 cm
Weight	6,7 kg
Accessories	transformer 100v - 50w (1204)
	cs-500dsp4 amp (1206)
	cs-2000dsp4 amp (1202)
	installation frame 4080 (1297)
	placeholder 4080 (1312)
DSP Presets (HP *4 / FULLRANGE)	no / yes
Protection (INBUILT / PROTECTION UNIT / DSP PRESET)	yes / no / yes

Scan the QR code with your  
telephone to show the cerasonar  
installation video



\* depending on installation situation

\*2 we recommend min. 50 litres installation volume!

\*4 use reference (pro) series for high pass filtre applications

All cerasonar loudspeakers and subwoofers with conventional woofer drivers (except cerasonar architect sub) require a high-quality substructure to ensure the best performance possible.

We recommend the use of wooden studs. The wall or ceiling should be planked in two layers, the first of which is OSB 12-21 mm.



## Sound experience on a next level

The cerasonar 4080 ultimate is a hybrid-pneumatic driven speaker in a compact form factor. Designed as an easy-to-install and user-friendly invisible full-range speaker, it delivers exceptional performance while remaining completely concealed.

Building on our expertise in invisible speaker technology, our focus was to develop a full-range speaker that excels in high-frequency reproduction. This was achieved through the development of a 25 mm exciter driver, which offers outstanding mid-to-high frequency resolution and best-in-class off-axis frequency response. To ensure reliability and longevity, the exciters feature passive cooling, ferrofluid-based heat management, impedance correction, and a copper ring for voice coil stabilization.

The 8" woofer operates pneumatically, delivering deep and powerful bass while working in perfect harmony with the midrange section. The advanced crossover is equipped with a built-in protection circuit, allowing connection to conventional amplifiers without requiring an additional protection unit.

For the best possible sound experience, we recommend using our cs-500dsp4 or cs-2000dsp4 dsp amplifier. The latest version includes a dedicated 4080 ultimate preset and the option to activate a dynamic bass boost, enhancing bass response at low to mid listening volumes—feel the difference.

Ideally installed in timber constructions, this series guarantees an immersive sound experience, where music is not just heard but felt with every powerful push of the woofer.

## CAD details:

