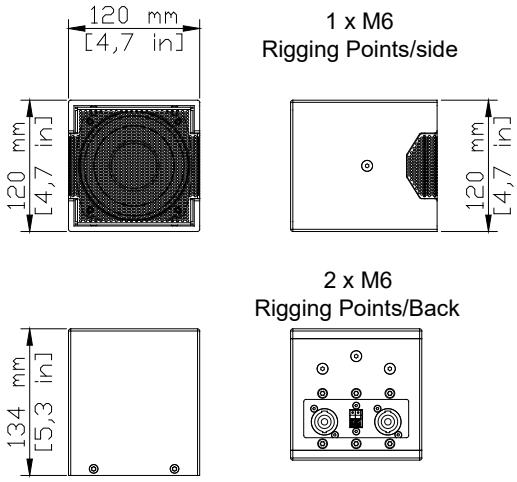
iK4: Ultra-Compact Loudspeaker



MAIN APPLICATIONS

- Discreet sound reinforcement systems
- Background music and hospitality spaces
- Corporate and educational environments
- Museums and art galleries
- Outdoor applications

MAIN FEATURES

- Compact Design with Premium Performance
- Wide and Consistent Coverage
- Durable and Aesthetic Build
- Versatile Installation Options

DESCRIPTION

The **iK4** is an ultra-compact professional loudspeaker designed for precise audio performance in installations where space and discretion are key. Featuring a high-quality **4-inch** coaxial driver and a 1.4-inch voice coil HF compression driver, the iK4 delivers a peak SPL of 116 dB with a crest factor of 18 dB, offering remarkable clarity and definition.

Built with a robust 12 mm birch plywood enclosure finished in durable polyurea, the iK4 combines durability with a sleek design. Measuring just 120 mm x 120 mm x 134 mm, it is engineered to integrate seamlessly into small or architecturally challenging spaces without compromising on sound quality.

The iK4's coaxial configuration ensures uniform 70° coverage with consistent tonal balance, making it suitable for close-range applications. Whether as a standalone system or paired with a subwoofer, it adapts effortlessly to various scenarios, from enhancing spoken word in corporate settings to delivering background music in hospitality venues.

Its compact design and flexible mounting options enable seamless installation in environments such as galleries, conference rooms, retail spaces, and more. With its performance, versatility, and aesthetic appeal, the **iK4** is the perfect choice for professionals who demand high-quality sound in a minimal footprint.

Frequency Response[1]	110 Hz - 20 kHz
Frequency Response: Free Field[2]	140 Hz - 18 kHz ±3dB
Axial Sensitivity @(1W/1m)	86 dB
Calculated SPL	110 dB cont. / 116 dB peak
Lineal Peak SPL Output[3]	97.5 dBZ - 116dBZpk - 96.8 dBA
Dispersion (HxV)	70° Axisymmetric
Power(AES4 / Continuous)	100W / 200 W
Rated Impedance	16Ω
Transducers	1 x 4-inch LF cone driver + 1 x 1.4-inch HF vc compression driver. Closed enclosure
Recommended amplifier	T-Series & 44TDAP Series
Processing	DP4896 Controller, T-Series & 44TDAP_Series amplifiers
Input Connexion	NL4MPXX - SpeakON® (Pair) + Pheonix terminal block 1725302
NET Weight	1,5 kg. / (3.3 lbs)
Dimensions	120 x 120 x 134 mm / (4.7" x 4.7" x 5.3") (HxWxD)
Construction	12mm birch-plywood. Finished in black semi-matt textured Polyurea weatherized coating
Protective Grille	Powder coated perforated steel

[1] Recommended maximum operating frequency range. Response depends on loading conditions and room acoustics.
[2] Free field measured with 1/3 octave frequency resolution at 4m
[3] Measured Maximum Linear SPL at 1m according to AES75-2022 standard using 18dB crest factor M-Noise. RMS input level of 25V (27.96dBV)
[4] Based on AES Standard, 2 hours test applying 6dB crest factor pink noise signal withing the range Fs-10Fs (AES-1984)

tecnare SOUND SYSTEMS
EXEL acoustics
Pº Ind. Señorío de Illescas,
CL Montes de Toledo, 33
45200 - Illescas (Toledo) - SPAIN
www.tecnare.com
sales@tecnare.com

Item no. DS_iK4_EN_V1.1

All information is Copyright © 2026 Exel Acoustics SL