



The CXN-16 is a multi-functional bi-amping high performance monitor. It's appealing rounded shape let it integrate easily in any venue in an elegant and unobtrusive way. A small footprint and outstanding performance go hand in hand and make sure it is always a perfect choice no matter if it's a confined stage or the biggest venue. The CXN-16 has the world's best size-weight-power ratio:

540 x 540 x 360 mm, 25,5 kg, 1.000 W AES, 101 db Sensitivity.

4 x 8" equals 16" and surpasses the capabilities of standard 15" designs. Four separate 2,5" woofer voice coils plus a dedicated 3" horn driver provide much more space for heat dissipation and reduce powercompression. Amplifier power is used more efficiently.

Our goal was to create a professional tool and make a sound technicians work more easy as well as giving artists on stage a reliable response and positive vibe for their performance. The symmetrical placing of the speakers creates a well centered and smooth soundfield that does not change when the artist moves around. A huge 1,4" horn allows for a very low crossover frequency and precise directivity which is vital for clarity and a detailed response. To lower frequencies this precise directivity pattern is extended by the coupling of our 4 x 8" design and results in an overall very far reach and off-axis rejection. You can pinpoint the sound where you want it.

The CXN-16 surpasses conventional coaxial designs in sound accuracy, directivity behaviour and power handling and sets a new standard. Our 8" woofers have a low moving mass and high sensitivity and react quicker than bigger speakers. Artists receive a very precise response and, more importantly, a well balanced tonal quality to avoid pitch issues and increase gain-before-feedback as much as possible.

The CXN-16 has the same width as the Paveosub-118 and it's feet are made to fit to the stacking trays of the subwoofer. Visually and mechanically they form an elegant package for drum- or DJ-monitoring. A Voice-Acoustic self powered subwoofer and drive a CXN-16 in half-powered mode.

The rugged grille is made from 2 mm steel and it's curved shaped is reinforced by welded bracings on each side and additional support in the middle on top of the horn. It is hardwearing of course.

A small tunnel on the bottom allows cabling to be routed through beneath the monitor. A tilting pole socket, the popular Easyfly mechanism and a flying track for safety cable make CXN-16 into a multi-functional tool for professionals.

<b>Frequency range</b>	63 Hz - 17,3 kHz (- 10 dB) 80 Hz - 14 kHz (+/- 3 dB)
<b>Coverage range</b>	40° x 60°
<b>Power handling</b>	LF: 1.000 W AES / 2.000 W program / 4.000 W peak HF: 110 W AES / 220 W program / 440 W peak
<b>Sound pressure</b>	131 dB SPL AES / 134 dB SPL program / 137 dB SPL peak
<b>Components</b>	LF: 4 x 8" Neodym woofer with 2,5" voice coil, 8 Ω HF: 1 x 1,4" Neodym driver with 3" voice coil, 16 Ω
<b>Connectors</b>	2 x Neutrik NL4, 1 x IN / 1 x OUT, configuration: 1+/- HF, 2+/- LF
<b>Mounting</b>	1 x Easyfly mechanism for vertical and horizontal Mounting 1 x back-facing Flying Track for safety cable 4 x M10 rigging points with 5 mm steel interior angles 1 x tilting pole socket +/- 18°, tilt for a stand or mounting pole Optional U-bracket for wall mounting
<b>Dimensions/Weight</b>	360 (h) x 540 (w) x 540 mm (d) / 25,5 kg

